



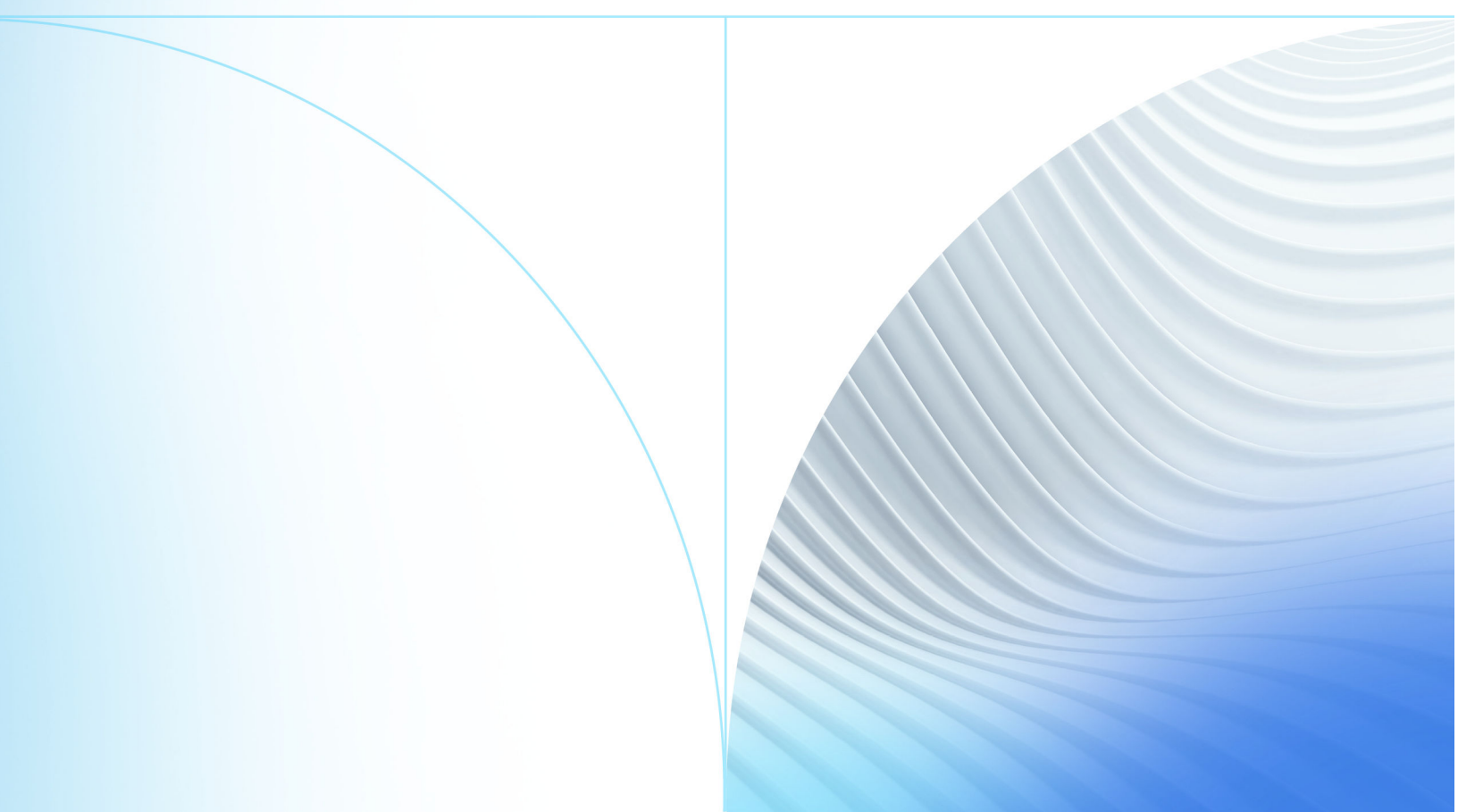
Operational Enhancement Solutions
jXchange™

Release 2025

Contract Changes

Third Party

07/08/2025



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Contract Changes

The following updates have been made to the jXchange contracts.

Account Services Updates

This topic explains the updates to this service.

2025.0.01 Updates

The following complex element was created or updated:

- LnAcctInfo_CType

The following simple element was created or updated:

LnDesc

A loan-level loan identification description.

2024.1.03 Updates

The following messages were added or updated:

- AcctExcTrnInqRq_MType
- AcctExcTrnInqRs_MType

The following complex element was added or updated:

- ExcTrnRec_CType

The following array was created:

- UpdTrnDescArray references Rmk_AType

2024.1.02 Updates

The following service was added:

- Account Reconciliation Report Inquiry

The following messages were created or updated:

- AcctReconRptInqRq_MType
- AcctReconRptInqRs_MType

The following record was created or updated:

- AcctReconRptInq_RType

2024.1.01 Updates

The following complex elements were created or updated:

- DepAdd_CType
- DepNSFODInfo_CType

2024.1.00 Updates

The following services were added:

- Account Commit Add
- New Account Search

The following messages were created or updated:

- AcctCommAddRq_MType
- AcctCommAddRs_MType
- NewAcctSrchRq_MType
- NewAcctSrchRs_MType

The following complex element was created or updated:

- NewAcctSrchRec_CType

The following array was created or updated:

- NewAcctSrchRecArray_AType

2024.0.02 Updates

The following message was created or updated:

- AcctBalInqRs_MType

The following complex element was created or updated:

- AcctBalFltAmtRec_CType

The following array was created or updated:

- x_AcctBalFltAmtArray_AType

2023.1.03 Updates

The following complex element was created or updated:

- LnRealEstateInfo_CType

The following simple elements were created or updated:

DefrComingDueNotDt

The deferral coming due notice date.

DefrConDt

The deferral contact date.

2023.1.02 Updates

The following complex elements were created or updated:

- LnAcctInfo_CType
- Ver_15_CType

The following simple element was created or updated:

OrigDebtSvcRatio

The original ratio of the amount subject to debt service.

2023.1.01 Updates

The following complex elements were created or updated:

- ACHHistSrchRec_CType
- DepStmtInfo_CType
- LnAcctInfo_CType
- LnInfoRec_CType
- Ver_15_CType
- x_DepAcctInfo_CType

The following simple elements were created or updated:

AccrBilMthd

The accrual billing method. Canonical values are:

- ActualSchedDueDt - Accruals billed as of the actual scheduled due date.
- BilDt - Accruals billed as of the billing date.
- DueDt - Accruals billed as of the due date.
- ThruActualSchedDueDt - Accruals billed through the actual scheduled due date.
- ThruDueDt - Accruals billed through the due date.

ACHAddeType

Does ACH addenda exist for this entity/resource? Canonical values are:

- *true*
- *false*

ChgBadAddrFeeType

Charge a bad address fee? Canonical values are:

- `true`
- `false`

2023.1.00 Updates

The following complex elements were created or updated:

- `LnAdd_CType`
- `LnMod_CType`
- `PromoInfo`
- `x_PromoInfo_CType`

The following array was created or updated:

- `IncXtendElemArray_AType`

The following simple elements were created or updated:

PromoCode

The code that identifies a promotion.

PromoDesc

The description of the code that identifies a promotion.

2023.0.03 Updates

The following message element was updated:

- `AcctExcTrnInqRs_MType`

2023.0.02 Updates

The following complex element was updated:

- `LnRateInfo_CType`

2022.1.06 Updates

The following complex element was updated:

- `LnInfoRec_CType`

2021.1.01 Updates

The following messages were updated:

- `AcctReconItemSrchrq_MType`
- `AcctReconItemSrchrRs_MType`

The following complex element was updated:

- `AcctReconItemSrchrRec_CType`

2021.0.07 Updates

The following complex elements were updated:

- `DepStmtInfo_CType`
- `x_DepStmtInfo_CType`

The following simple elements were added:

ElecStmtSvcFeeCode

The code that references the statement service fee.

ElecStmtSvcFeeDesc

The description of the code for the electronic statement service fee.

2021.0.06 Updates

The following complex elements were updated:

- `DepStmtInfo_CType`
- `x_DepBalDtInfo_CType`

The following simple elements were added:

ImgActFeeType

Allow image activity fees? Canonical values are:

- *Anlys* - image fee passed to analysis
- *false* - no image fee
- *true* - charge image fee

PrtAddeType

The print ACH addenda records. Canonical values are:

- *True* - print all addenda records
- *False* - do not print addenda records
- *Limited* - print the number of records specified

- *Health* - print only healthcare addenda records

2021.0.03 Updates

The following complex element was updated:

- `x_LnBalDtInfo_CType`

2021.0.02 Updates

The following complex element was updated:

- `AcctSrchRec_CType`

2020.1.05 Updates

The following messages were updated:

- `AcctSrchRq_MType`
- `AcctSrchRs_MType`

The following complex elements were updated:

- `AcctReconItemInqRec_CType`
- `AcctSrchRec_CType_CType`
- `DepInfoRec_CType`
- `LnInfoRec_CType`
- `SafeDepInfoRec_CType`
- `TimeDepInfoRec_CType`
- `TrckAcctInfo_CType`
- `x_DepInfoRec_CType`
- `x_LnInfoRec_CType`
- `x_SafeDepInfoRec_CType`
- `x_TimeDepInfoRec_CType`
- `x_TrckAcctInfoRec_CType`

The following simple elements were added:

BrandCode

The code that defines the brandings.

ItemRetDt

The date an issued item was returned.

2020.1.04 Updates

The following complexes were created or updated:

- `DepInfoRec_CType`
- `x_DepInfoRec_CType`
- `TimeDepInfoRec_CType`
- `x_TimeDepInfoRec_CType`

2020.1.03 Updates

The following complex element was updated:

- `AcctSrchRec_JIS_CType`

2019.0.04 Updates

The following complex was updated:

- `x_DepRegRptInfo_CType`

The following simple element was updated:

LmtTrnAcctType

Answers the question: Is the account restricted to a limited transaction activity, like Money Market accounts? Canonical values are:

- *false*
- *true*
- *RegD*

2018.7.11 Updates

The following complex was updated:

- `x_LnBalDtInfo_CType`

The following simple element was created:

NetLnBal

The calculated loan balance net (less) of portions sold, charged off, etc.

2018.7.10 Updates

The following complexes were updated:

- `LnAcctInfo_CType`
- `x_LnBalDtInfo_CType`

The following simple elements were created or updated:

LnPmtToIncmPctV2

The loan payment to household income ratio. Percentages are expressed as a decimal where 100 percent would be expressed as 1.00, and 3.25 percent would be expressed as .0325. To convert to a percent, this number is multiplied by 100. Version 2 was added because certain providers handled the earlier version incorrectly.

NetLnAccrIntBal

The calculated loan accrued interest balance net (less) portions sold, charged off, etc.

2018.7.08 Updates

The following complex was updated:

- `x_TimeDepRateIntInfo_CType`

2018.7.06

The following services were created:

- Safe Deposit Audit Addition
- Safe Deposit Audit Inquiry

The following messages were created:

- `SafeDepAuditAddRq_MType`
- `SafeDepAuditAddRs_MType`
- `SafeDepAuditInqRq_MType`
- `SafeDepAuditInqRs_MType`

The following complexes were created or updated:

- `SafeDepAuditInfo_CType`
- `SafeDepAuditInqRec_CType`

The following array was created:

- `SafeDepAuditInqArray_AType`

2018.5.07 Updates

The following complexes were updated:

- `DepInfoRec_CType`
- `LnInfoRec_CType`

- SafeDepInfoRec_CType
- TimeDepInfoRec_CType
- TrckAcctInfo_CType

2018.7.03 Updates

The following messages were updated:

- AcctBalInqRq_MType
- AcctBalInqRs_MType

2018.5.03 Updates

The following services were added:

- Account Reconciliation Item Inquiry
- Account Reconciliation Item Modification

The following messages were added or updated:

- AcctReconItemInqRq_MType
- AcctReconItemInqRs_MType
- AcctReconItemModRq_MType
- AcctReconItemModRs_MType

The following complexes were added or updated:

- AcctReconItemSrchRec_CType
- AcctReconItemRec_CType
- AcctReconItemInqRec_CType

The following simple elements were added:

StaleDt

The item stale date.

IssItemCrtDt

The date an issued item was created in the application.

Oper

jXchange operations. Canonical Values are:

- *AcctAnlysTrnAdd*
- *AcctAnlysTrnMod*
- *AcctInq*
- *AcctMod*

- *AcctReconItemMod*
- *ACHFltrAdd*
- *ACHFltrMod*
- *AddrAdd*
- *AddrMod*
- *CRMActAdd*
- *CRMActInq*
- *CRMActMod*
- *CRMActSrch*
- *CRMCustSrch*
- *CRMEventAdd*
- *CRMEventInq*
- *CRMEventMod*
- *CRMEventSrch*
- *CRMPotSaleSrch*
- *CRMProspAdd*
- *CRMProspInq*
- *CRMProspMod*
- *CRMProspSrch*
- *CRMReferAdd*
- *CRMReferInq*
- *CRMReferMod*
- *CRMReferSrch*
- *CustInq*
- *CustMod*
- *CustMsgAdd*
- *CustMsgMod*
- *DocImgAdd*
- *DocImgMod*
- *EFTCardAdd*
- *EFTCardInq*
- *EFTCardMod*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *StopChkAdd*

- *StopChkMod*
- *TrnAdd*
- *WireTrnAdd*
- *WireTrnInq*
- *WireTrnMod*
- *WorkflowInstcMod*
- *WorkflowInstcSrch*
- *WorkflowInstcStart*
- *XferAdd*
- *XferMod*

2018.4.03 Updates

The following complex was updated:

- *ExcTrnSrchRec_CType*

2018.0.03 Updates

The following complexes were updated:

- *AcctSrchRec_CType*
- *AcctSrchRq_MType*
- *AcctSrchRs_MType*

2017.3.02 Updates

The following complexes were updated:

- *DepHistSrchRec_CType*
- *LnHistSrchRec_CType*

2017.3.01 Updates

The following simple elements were created or updated:

- **BenflOwnExclCode**
- **BenflOwnExclDesc**
- **BenflOwnId**
- **BenflOwnType**
- **CntlIndivTitle**
- **ExcOwnPct**
- **ExcPctRsnCode**
- **ExcPctRsnDesc**

- **IdVerifyCode**
- **IdVerifyQuery**
- **IdVerifyRsnCode**
- **IdVerifyRsnDesc**
- **LegalEntityId**
- **ReqLegalEntityType**
- **RmvBenflOwnDt**
- **VerifyDt**

The following complexes were updated:

- `DepAcctInfo_CType`
- `TimeDepAcctInfo_CType`
- `SafeDepAcctInfo_CType`

2017.2.02 Updates

The following complex was created:

- `TaxRptPropDescRec_CType`

The following complex was updated:

- `LnRealEstateInfo_CType`

The following array was created:

- `TaxRptPropDescArray_AType`

2017.0.04

The following services were added:

- Account Reconciliation Batch Search
- Account Reconciliation Item Search

The following messages were created:

- `AcctReconBatchSrchrq_MType`
- `AcctReconBatchSrchrS_MType`
- `AcctReconItemSrchrq_MType`
- `AcctReconItemSrchrS_MType`

The following simple elements were created:

- **AcctReconBatchDesc**
- **AcctReconBatchDt**

- **AcctReconBatchId**
- **TrnItemDesc**
- **TrnItemType**

The following arrays were created:

- AcctReconBatchSrchArray_AType
- AcctReconItemSrchArray_AType
- AcctReconTrnItemArray_AType

The following complexes were created:

- AcctReconBatchSrchRec_CType
- AcctReconItemSrchRec_CType
- AcctReconTrnItemRec_CType
- StmtDataHistSrchRec_CType
- x_StmtDataHistSrchRec_CType

The following complexes were updated:

- DepHistSrchRec_CType
- LnHistSrchRec_CType
- SafeDepHistSrchRec_CType
- TimeDepHistSrchRec_CType

2017.0.01

The following simple element was created:

- **FraudSusType**

The following complex was updated:

- LnRegRptInfo_CType

2016.1.01 Updates

The following simple elements were created:

- **CrtBiDOM**
- **NumProp**

The following complexes were updated:

- DepInfoRec_CType
- LnAcctInfo_CType
- LnPmtInfo_CType

- LnUnitPmtInfo_CType
- OffInfoRec_CType
- TimeDepInfoRec_CType

2016.0.09 Updates

The following simple element was created or updated:

- **CondNotf**

The following complex element was created or updated:

- ExcTrnSrchRec_CType

2016.0.01 Updates

The following complex was created:

- TrnTotInfo_CType

The following array was created:

- x_TrnTotArray_AType

The following simple elements were created:

- **TrnAmt**
- **TrnCatType**
- **TrnCnt**
- **TrnPeriodType**
- **TrnType**

The following complex was updated:

- x_LnAcctInfo_CType

2015.0.07 Updates

The following simple elements were created:

LienPositCode

The lien position for a loan. For example, first lien position, second lien position, etc.

LienPositDesc

The description of the lien position code.

The following messages were updated:

- AcctBenfInqRq_MType

- AcctRelSrcRq_MType
- AcctSrchRq_MType

The following complexes were updated:

- LnRegRptInfo_CType
- x_LnRegRptInfo_CType

2015.0.06 Updates

The following simple element was created:

- **ApprvType**

The following complex was created:

- ApprvOffInfoRec_CType

The following array was created:

- ApprvOffInfoArray_AType

The following complex was updated:

- DepInfoRec_CType

2014.0.06 Updates

The following simple element was updated with a new canonical value:

- **OvrFDICInsurLmt**
 - *Exmp*

The following complexes were updated:

- EFTCardInfoRec_CType
- LnAcctInfo_CType
- LnBalDtInfo_CType
- LnPmtInfo_CType
- LnProtInfo_CType
- LnRateInfo_CType
- LnRenExtInfo_CType
- LnRegRptInfo_CType

Release 2014.0.05 Updates

The following simple element was created:

- **NetWorthAmt**

The following complexes were updated:

- BusDetail_CType
- LnAcctInfo_CType

The following simple element was scheduled for deprecation:

- **NetWorth**

2014.0.02 Updates

The following simple elements were created:

- **AffCodeDesc**
- **AvlCashBal**
- **FedWithCycleAmt**
- **LastNSFDt**
- **LastTrnActDt**
- **ODChgAccr**
- **ProjCurBal**
- **StateWithCycleAmt**

The following complexes were updated:

- DepAcctInfo_CType
- DepBalDtInfo_CType
- DepHistSrchRec_CType
- DepNSFODInfo_CType
- DepRegRptInfo_CType
- EFTCardHistSrchRec_CType
- FedWith_CType
- LnHistSrchRec_CType
- SafeDepHistSrchRec_CType
- StateWith_CType
- TimeDepBalDtInfo_CType
- TimeDepHistSrchRec_CType
- TimeDepRegRptInfo_CType
- x_DepAcctInfo_CType
- x_DepInfoRec_CType
- x_DepRegRptInfo_CType

- `x_LnRegRptInfo_CType`
- `x_TimeDepRegRptInfo_CType`

2013.1.02 Updates

The following simple element was created:

- **ACHTraceId**

The following complex was updated:

- `ACHHistSrchRec_CType`

The following element was scheduled for deprecation:

- **ACHTraceNum** from `ACHHistSrchRec_CType`

2013.1.01 Updates

The following complex was updated:

- `LnHistSrchRec_CType`

2013.1.00 Updates

The following service was created:

- Account Relationship Search

The following messages were created:

- `AcctRelSrchrq_MType`
- `AcctRelSrchrS_MType`

The following array was created:

- `AcctRelSrchrRecArray_AType`

The following complex was created:

- `AcctRelSrchrRec_CType`

2012.1.02 Updates

The following services were created:

- Account Exception Transaction Inquiry
- Account Exception Transaction Search

The following messages were created:

- `AcctExcTrnInqRq_MType`

- `AcctExcTrnInqRs_MType`
- `AcctExcTrnSrchRq_MType`
- `AcctExcTrnSrchRs_MType`

The following arrays were created:

- `ExcRsnRecArray_AType`
- `ExcTrnSrchRecArray_AType`

The following complexes were created:

- `ExcRsnRec_CType`
- `ExcTrnSrchRec_CType`

The following simple elements were created:

- **ExcActnCode**
- **ExcActnDesc**
- **ExcDispCode**
- **ExcDispDesc**
- **ExcItemId**
- **ExcRetRsnCode**
- **ExcRetRsnDesc**
- **NSFItemId**
- **ODHighBal**
- **UnResolveOnly**

The following complex was updated:

- `DepNSFODInfo_CType`

2012.0.04 Updates

The following service was created:

- Account Beneficiary Inquiry

The following messages were created:

- `AcctBenfInqRq_MType`
- `AcctBenfInqRs_MType`

The following message was updated:

- `AcctBenfModRq_MType`

2012.0.03 Updates

The following array was created:

- `MultiDepRateArray_AType`

The following new complexes were created:

- `x_ACHPmtInfo_CType`
- `MultiDepRateRec_CType`

The following complexes were updated:

- `DepAcctInqRec_CType`
- `LnAcctInqRec_CType`
- `TimeDepAcctInqRec_CType`
- `TimeDepRateIntInfo_CType`

2012.0.01 Updates

The following service was created:

- OFAC Search

The following messages were created:

- `OFACsrchRq_MType`
- `OFACsrchRs_MType`

The following array was created:

- `OFACsrchArray_AType`

The following complex was created:

- `OFACsrchRec_CType`

The following simple elements were created with their corresponding canonical values:

- **AliasId**
- **AliasUserName**
- **ComNameType**
 - *Bus*
 - *Indv*
 - *Unknown*
 - *Vesl*
- **OFACMatchRef**

- **OFACMatchType**
 - *Addr*
 - *CustName*
 - *OFACName*
 - *OFACAlias*
 - *SeasonalAddr*
- **SpecDesigNatId**
- **SpecDesigNatPgm**
- **SpecDesigNatType**
 - *Bus*
 - *Entity*
 - *Indv*
 - *Unknown*
 - *Vesl*

2012.0 Updates

The following array was created:

- `LnRiskRateArray_AType`

The following complex was created:

- `LnRiskRateInfoRec_CType`

The following simple elements and their canonical values were created:

- **MTDAccrDays**
- **MTDAccrInt**
- **NegAmrtzOrignBal**
- **RiskRateAmt**
- **RiskRateCalcAmt**
- **RiskRatePct**
- **RiskRateTxt**

The following complexes were updated:

- `DepRateIntInfo_CType`
- `LnPmtInfo_CType`
- `TimeDepRateIntInfo_CType`

The following simple element was updated with a new canonical value:

- **CondNotf**

- *AcctAnlys*

2011.1.01 Updates

The following simple elements and their canonical values were created:

- **ActIntent**
 - *Dlt*
 - *ReadOnly*
 - *Upd*
- **ActIntentKey**

The following messages were updated:

- `AcctInqRq_MType`
- `AcctInqRs_MType`
- `AcctModRq_MType`

2011.1 Updates

The following services were created:

- Time Deposit Renewal Override
- Time Deposit Renewal Override Inquiry

The following messages were created:

- `TimeDepRenOvrrdRq_MType`
- `TimeDepRenOvrrdRs_MType`
- `TimeDepRenOvrrdInqRq_MType`
- `TimeDepRenOvrrdInqRs_MType`

The following array was created:

- `TimeDepRenOvrrdArray_AType`

The following complexes were created:

- `EFTCardHistSrchRec_CType`
- `TimeDepRenOvrrdInfoRec_CType`
- `TimeDepRenOvrrdRec_CType`
- `x_EFTCardHistSrchRec_CType`

The following simple elements and their canonical values were created:

- **AnnDebtPmt**
- **AvgLeaseRate**

- **BorwDebtIncmPct**
- **BorwLiqAssetAmt**
- **ChgODFeeDaysType**
 - *BusDays*
 - *CalDays*
- **CoBorwDebtIncmPct**
- **CollatSrcValDesc**
- **CommPropSqFt**
- **ConsDaysCntType**
 - *BusDays*
 - *CalDays*
- **DlyDayFinalIntPmt**
- **LnApprvDt**
- **LnCapRate**
- **NetOperIncm**
- **NetWorth**
- **PropListAmt**
- **PropListDt**
- **PropMultiListId**
- **PropReIdDt**
- **PropRentSqFt**
- **PropSqFt**
- **PropSubDivName**
- **PropVacRate**
- **RemNumUnit**
- **RemUnitVal**
- **SalesPersonDesc**
- **StressRateCode**
- **StressRateDesc**
- **StressRtDt**
- **TimeDepRenOvrrdType**
 - *AcctLvl*
 - *OvrrdLvl*
 - *TypeLvl*
- **TeaserRateVar**
- **TeaserRateVarCode**

The following messages were updated:

- AcctHistSrchrq_MType
- AcctMemoPostSrchrq_MType
- AcctSrchrq_MType
- AcctSrchrRs_MType

The following complexes were updated:

- AcctSrchrRec_CType
- DepHistSrchrRec_CType
- DepNSFODInfo_CType
- DepRateIntInfo_CType
- LnAcctInfo_CType
- LnBalDtInfo_CType
- LnHistSrchrRec_CType
- LnPmtInfo_CType
- LnRateInfo_CType
- LnRealEstateInfo_CType
- TimeDepBalDtInfo_CType
- TimeDepRateIntInfo_CType
- x_DepInfoRec_CType
- x_DepNSFODInfo_CType
- x_DepRateIntInfo_CType
- x_LnAcctInfo_CType
- x_LnInfoRec_CType
- x_LnRealEstateInfo_CType
- x_SafeDepAcctInfo_CType
- x_TimeDepInfoRec_CType
- x_TrckAcctInfoRec_CType

The following simple element was updated:

- **TaxID** was extended to include the `MaskVal` (Masked Value) attribute.

2011.0 Updates

The following service was created:

- Safe Deposit Box Search

The following messages were created:

- SafeDepBoxSrchrq_MType

- SafeDepBoxSrchrRs_MType

The following array was created:

- SafeDepBoxSrchrArray_AType

The following complexes were created:

- SafeDepAdd_CType
- SafeDepBoxSrchrRec_CType
- SafeDepMod_CType

The following simple elements were created:

- **AutoChgRateIdx**
- **AutoChgRateIdxDesc**
- **BoxOccupType**
- **ChgAcctId**
- **ChgAcctType**
- **ChgMthd**
- **CurDueAmt**
- **DiscAmt**
- **KeyDepAmt**
- **LateChgDueAmt**
- **RentAmt**
- **RentPaidToDt**
- **RentalRateIdx**
- **RentalRateIdxDesc**
- **RentalTerm**
- **RstrEntryCode**
- **SafeDepBoxRef**
- **SalesTaxDueAmt**
- **SalesTaxExmp**

The following messages were updated:

- AcctAddRq_MType
- AcctInqRq_MType
- AcctModRq_MType

The following complexes were updated:

- AcctSrchrRec_CType
- SafeDepAcctInfo_CType

- SafeDepInfoRec_CType
- x_SafeDepAcctInfo_CType
- x_SafeDepInfoRec_CType

2010.0 Updates

The following array was created:

- ODPrvlgOptInfoArray_AType

The following complex was created:

- ODPrvlgOptInfoRec_CType

The following simple elements were created:

- **ODPrvlgOptDt**
- **ODPrvlgOptType**
- **ODPrvlgOptVal**
- **PenAnnPctIdxNum**
- **PenAnnPctRate**
- **PenNotDays**
- **PenEffDays**
- **PenRevTerm**
- **PenRevTermUnits**

The following complexes were updated:

- DepAdd_CType
- DepInfoRec_CType
- LnAdd_CType
- LnRateInfo_CType

2009.1 Updates

The following services were created:

- Account Add Validate Service
- Account Protection Inquiry Service

The following messages were created:

- AcctAddValidateRq_MType
- AcctAddValidateRs_MType
- AcctProtInqRq_MType
- AcctProtInqRs_MType

The following array was created:

- `AcctProtInqArray_AType`

The following complex was created:

- `AcctProtInqInfo_CType`

The following simple elements were created:

- **AcctProtOrder**
- **AcctProtType**
- **AmtLastIntPd**
- **EscrwCurBal**
- **LastIntPmtDt**
- **PrimeRateIndex**
- **RateRevDt**
- **RateVar**
- **RateVarCode**

The following service was updated:

- Account Inquiry

The following complexes were updated:

- `LnPmtInfo_CType`
- `StepUpIntRateInfo_CType`
- `x_LnBalDtInfo_CType`
- `x_LnPmtInfo_CType`

2009.0 Updates

The following services were created:

- Account Beneficiary Add
- Account Beneficiary Modify
- Account Interest Rate Inquiry

The following messages were created:

- `AcctBenfAddRq_MType`
- `AcctBenfAddRs_MType`
- `AcctBenfModRq_MType`
- `AcctBenfModRs_MType`
- `AcctIntRateInqRq_MType`

- AcctIntRateInqRs_MType

The following arrays were created:

- AcctBenfArray_AType
- AllowTrnActArray_AType
- PastDueArray_AType

The following complexes were created:

- AcctBenfInqRec_CType
- AcctIntRateRec_CType
- AllowTrnActInfo_CType
- PastDueInfo_CType
- TrckAcctInfo_CType
- TrckAcctInqRec_CType
- TrckAdd_CType
- TrckMod_CType
- x_AcctBenf_CType
- x_TrckAcctInfoRec_CType

The following simple elements were created:

- **AccrIntThruDt**
- **AliasAcctName**
- **AllowTrnAct**
- **CurtPenAffPrtcp**
- **CurtPenCode**
- **CurtPenDesc**
- **DormantChgWav**
- **ElecStmtChtWav**
- **ElecStmtType**
- **LangType**
- **MICR**
- **MICRAcctId**
- **MinBal**
- **PastDueCnt**
- **PastDueTerm**
- **PastDueTermUnits**
- **PrePmtPenRenDt**
- **RecoupPenAffPrtcp**

- **RecoupPenAffPrtcpPct**
- **RenTermFreq**
- **TeaserRate**
- **TeaserRateEffDt**
- **TeaserRateExpDt**

The following services were updated:

- Account Add
- Account Inquiry
- Account Modification
- Account Search

The following messages were updated:

- AcctAddRq_MType
- AcctInqRs_MType
- AcctInqRq_MType
- AcctModRq_MType

The following complexes were updated:

- AccountId_CType
- DepAcctInfo_CType
- DepAcctInqRec_CType
- DepBalDtInfo_CType
- DepInfoRec_CType
- DepRateIntInfo_CType
- DepStmtInfo_CType
- LnAcctInfo_CType
- LnAcctInqRec_CType
- LnInfoRec_CType
- LnPastDueInfo_CType
- LnProtInfo_CType
- MsgRqHdr_CType
- PrePmtPenInfoRec_CType
- TimeDepAcctInfo_CType
- TimeDepAcctInqRec_CType
- TimeDepBalDtInfo_CType
- TimeDepInfoRec_CType
- TimeDepRateIntInfo_CType

- TimeDepRenInfo_CType
- TimeDepStmntInfo_CType
- x_DepInfoRec_CType
- x_DepNSFODInfo_CType
- x_DepRateIntInfo_CType
- x_TimeDepRateIntInfo_CType

2008.1 Updates

The following array was created:

- AcctSrchRecArray_AType

The following complexes were created:

- AcctTitleInfo_CType
- AddrLineInfo_CType
- CondNotfInfo_CType
- IncXtendElemInfo_CType

The following simple element was created:

- **ConvFixRateExpDt**

The following services were updated:

- Account Add
- Account Modification

The following messages were updated:

- AcctSrchRq_MType
- AcctSrchRs_MType

The following arrays were updated:

- AcctTitle_AType
- CondNotfArray_AType
- ErrOvrRdInfoArray_AType
- FreeFormAddr_AType
- IncXtendElemArray_AType

The following complexes were updated:

- LnRateInfo_CType
- MsgRsHdr_CType

- `SrchMsgRsHdr_CType`

2008.0 Updates

The following arrays were created:

- `LnFeeArray_AType`
- `LnGuarArray_AType`
- `LnTierRateArray_AType`
- `OthInsurArray_AType`

The following complexes were created:

- `LnFeeInfoRec_CType`
- `LnGuarInfoRec_CType`
- `LnTierRateInfoRec_CType`
- `OthInsurInfoRec_CType`
- `PrePmtPenInfoRec_CType`

The following simple elements were created:

- **AHInsurStartDt**
- **ChgYrFeeCode**
- **ChgYrFeeDesc**
- **CouponStartDt**
- **CrBureauRptCode**
- **CrBureauRptDesc**
- **CrLifeInsurStartDt**
- **CrScoreId**
- **EndorNum**
- **FirstStmtDt**
- **FirstStmtFeeCode**
- **FirstStmtFeeDesc**
- **FloodInsurExpDt**
- **IntPmtPostCode**
- **IntPmtPostDesc**
- **LnApplId**
- **LnFeeAmt**
- **LnFeeAssmntDt**
- **LnFeeChgCode**
- **LnFeeChgDesc**
- **LnFeeCode**

- **LnFeeDayOfMonth**
- **LnFeeFreq**
- **LnFeeFreqUnits**
- **LnFeeText**
- **LnGuarId**
- **LnGuarTextLnTierRate**
- **LnTierRateBal**
- **LnTierRateIdxNum**
- **LnTierRateText**
- **OthInsurAccrBase**
- **OthInsurIdxNum**
- **OthInsurStartDt**
- **OthInsurText**
- **PMIHOEPANotCode**
- **PMIHOEPANotDesc**
- **PmtGraceDays**
- **PmtReAmrtzDayOfMonth**
- **PmtReAmrtzFreq**
- **PmtReAmtrzFreqCode**
- **PmtReAmrtzFreqDesc**
- **PrePmtPenBillCode**
- **PrePmtPenBillDesc**
- **PrePmtPenExpDt**
- **PrePmtPenStartDt**
- **RateRevDayOfMonth**
- **SBAApprvDt**
- **SCRABegDt**
- **SCRAEndDt**
- **SCRANotCode**
- **SCRANotDesc**
- **YrFeeChgDt**

The following complexes were updated:

- `BorwInfo_CType`
- `LnAcctInfo_CType`
- `LnBalDtInfo_CType`
- `LnClsInfo_CType`
- `LnInfoRec_CType`

- LnPmtInfo_CType
- LnRateInfo_CType
- LnRealEstateInfo_CType
- LnRegRptInfo_CType
- x_LnAcctInfo_CType
- x_LnPmtInfo_CType
- x_LnRegRptInfo_CType

The following complex was scheduled for deprecation:

- OffCode_Type from LnInfoRec_CType

2007.2 Updates

The following arrays were created:

- EFTCardInfoArray_AType
- StepUpIntRateInfoArray_AType

The following complexes were created:

- EFTCardInfo_CType
- EFTCardInfoRec_CType
- StepUpIntRateInfo_CType

The following simple elements were created:

- **AcctReOpenCode**
- **AcctReOpenDesc**
- **ATMCardIssuedNum**
- **ClubPinAcctId**
- **ClubPinAcctType**
- **EFTCardNum**
- **EFTCardSufxNum**
- **EFTCardText**
- **EFTCardType**
- **EFTSCCode**
- **EFTSCDesc**
- **POSCardIssuedNum**
- **PrtACHNotCode**
- **PrtACHNotDesc**
- **PrtIntNotCode**
- **PrtIntNotDesc**

- **SerChgWavRsnCode**
- **SerChgWavRsnDesc**
- **StepUpIntRate**
- **StepUpIntRateText**

The following complexes were updated:

- DepAcctInfo_CType
- DepInfoRec_CType
- TimeDepAcctInfo_CType
- TimeDepInfoRec_CType
- TimeDepRateIntInfo_CType
- TimeDepStmntInfo_CType
- TINInfo_CType
- x_DepAcctInfo_CType
- x_DepInfoRec_CType
- x_TimeDepAcctInfo_CType

2007.1 Updates

Account Services has been enhanced by adding a field that controls whether a loan should accrue odd days interest at origination on a 365-day basis instead of the interest base set up at the loan type.

- The new elements `OddDayIntBasis` and `ShortPmtCode` were added to the complex element `LnInfoRec`.
- The new element `ShortPmtDesc` was added to the complex element `x_LnInfoRec`.
- The elements `OddDaysIntBasis` and `ShortPmtCode` were added to the `ParmName` canonical values.

2007.0 Updates

Account Services has been enhanced to allow users to add and modify loan information. These changes are reflected in the JIS Account Master XSD (`JIS_AccountMaster.XSD`). The 2007.0 version of the Account XSD includes a `LnAdd_CType` to add a loan account to a service provider and a `LnMod_CType` for modification of an existing loan account. Complex, array, and simple elements for this addition are listed with those elements for 2006.1.

Note

The Loan Account Add and Loan Account Modify services are contained in the TPG Loan Master XSD.

Account Number Generator Updates

This topic explains the updates to this service.

2008.1 Updates

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `MsgRsHdr_CType`

Address Handling Updates

This topic explains the updates to this service.

2008.1 Updates

The following new arrays were created:

- `AddrSrchRecArray_AType`

The following new complexes were created:

- `AddrLineInfo_CType`

The following complexes were updated:

- `AddrSrchRs_MType`
- `ErrOvrRdInfoArray_AType`
- `MsgRsHdr_CType`
- `SrchMsgRsHdr_CType`

2011.1 Updates

The following simple element was updated with the canonical values listed:

- **AddrCat2Use**
 - *Exc*
 - *Phys*

ACH Services Updates

This topic explains the updates to this service.

2011.1.01 Updates

The following messages were updated:

- ACHPndSrchRq_MType
- ACHPndSrchRs_MType

2016.0.8 Updates

The following services were added:

- ACH Company Multiple Inquiry
- ACH Company Search

The following messages were created:

- ACHCompMultiInqRq_MType
- ACHCompMultiInqRs_MType
- ACHCompSrchRq_MType
- ACHCompSrchRs_MType

The following simple elements were created or updated:

ACHOrgDlyLmtAmt

The daily ACH origination limit amount.

ACHReqOnUsCnt

The number of on-us items per batch required.

ACHReqOnUsPct

The percentage of total on-us amount per batch required.

AlwACHOrgType

The allowable ACH origination type. Canonical values are:

- *Cr*
- *Dr*
- *DrCr*

The default value is *DrCr*.

IntnetFinInstOffsetType

The internet banking offsetting type for submitted transaction files. Canonical values are:

- *Bal*
- *NetOffset*
- *Offset*

The default value is *Bal*.

SttlOrgEffDtType

Answers the question: Should the ACH originations be settled on the effective date? Canonical values are:

- *false*
- *true*

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*
- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallnq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmntAdd*
- *AcctCombStmntInq*
- *AcctCombStmntMod*
- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*
- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*
- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*

- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*
- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*
- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*
- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*
- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*
- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*
- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*

- *BilPaySubSrch*
- *BrdCstSrch*
- *ChkImgInq*
- *ChkImgStmtGen*
- *ChkImgStmtGenInq*
- *ChkImgStmtSrch*
- *ColAdd*
- *Collnq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*
- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollnq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*
- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlnq*
- *CustInfoMsgInq*
- *CustInq*
- *CustMod*
- *CustMsgAdd*
- *CustMsgInq*
- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*

- *CustRelInq*
- *CustRelMod*
- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPPersonProdDictInq*
- *EDPPPPersonProdMod*
- *EDPPPPersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnInq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*
- *EFTCardImgIdMod*
- *EFTCardImgIdSrch*
- *EFTCardInq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*
- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*
- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*
- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*

- *FASB91Add*
- *FASB91AddValidate*
- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfolnq*
- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtld*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*
- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*
- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*
- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*

- *LnFeeSrch*
- *LnLiabInq*
- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmAppInq*
- *LnPltfmProdSrch*
- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcpInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*
- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAdd*
- *LOCAddValidate*
- *LOCConstInProcAdd*
- *LOCConstInProclnq*
- *LOCConstInProcMod*
- *LOCConstInProcSrch*
- *LOCMod*
- *LOCSrch*
- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*
- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*

- *MFASecdRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrConsmCredAdd*
- *MFAUsrConsmCredInq*
- *MFAUsrConsmCredMod*
- *MFAUsrConsmCredSrch*
- *MFAUsrQnAAdd*
- *MFAUsrQnAInq*
- *MFAUsrQnAMod*
- *MFAUsrQnAMod*
- *MFAUsrQnAValidate*
- *MFAWaterMarkSrch*
- *MLLMasterRelAdd*
- *MLLMasterRelInq*
- *MLLMasterRelMod*
- *MLLRelSrch*
- *MLLTrancheRelAdd*
- *MLLTrancheRelInq*
- *MLLTranchRelMod*
- *NewAcctSrch*
- *NSFHistSrch*
- *ODISvcCred*
- *ODPrvlgHistSrch*
- *OFACSrch*
- *PersonNameMod*
- *PingAll*
- *PltfmAppAdd*
- *PltfmAppInq*
- *PltfmAppSrch*

- *PltfmProdInq*
- *PltfmStatInq*
- *PltfmStatInq*
- *PltfmStatMod*
- *PosPayItemInq*
- *PosPayItemInq*
- *PosPayItemMod*
- *PromoXferAdd*
- *PromoXferInq*
- *PromoXferMod*
- *PromoXferSrch*
- *PubWorkflowSrch*
- *RealEstatePropAdd*
- *RealEstatePropMod*
- *RealEstatePropSrch*
- *RelaEstatePropAddValidate*
- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*
- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*
- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*
- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*

- *TaxPlnBenfSrch*
- *TaxPlnInq*
- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*
- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*
- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*
- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*
- *WireComplInq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*
- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*

- *WireDrwdwnTrnTplMod*
- *WireHistSrch*
- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*
- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstISOTmplMod*
- *WireTrnInq*
- *WireTrnISOAdd*
- *WireTrnISOTmplMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOMod*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*
- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*
- *XferSrcDestSrch*
- *XferSrch*

The following complexes were created:

- *ACHCompInfo_CType*
- *ACHCompMultiInqRec_CType*
- *ACHCompSrchRec_CType*

The following arrays were created:

- `ACHCompMultiInqArray_AType`
- `ACHCompSrchArray_AType`

2016.0.09 Updates

The following services were added:

- ACH File Addition
- ACH File Inquiry
- ACH File Modification
- ACH Filter Search
- ACH Transaction Addendum Search
- ACH Transaction Search

The following messages were created:

- `ACHFileAddRq_MType`
- `ACHFileAddRs_MType`
- `ACHFileInqRq_MType`
- `ACHFileInqRs_MType`
- `ACHFileModRq_MType`
- `ACHFileModRs_MType`
- `ACHFltrSrchRq_MType`
- `ACHFltrSrchRs_MType`
- `ACHTrnAddeSrchRq_MType`
- `ACHTrnAddeSrchRs_MType`
- `ACHTrnSrchRq_MType`
- `ACHTrnSrchRs_MType`

The following simple elements were created or updated:

ACHAlwTrnType

The allowable ACH transaction types. Canonical values are:

- *All*
- *Cr*
- *Dr*

ACHCompAlwType

Answers the question: is the ACH company allowed? Canonical values are:

- *false*
- *true*

ACHEDITYPE

Answers the question: Is the ACH transaction included in EDI addenda data?
Canonical values are:

- *false*
- *true*

ACHFileConsmRefId

A reference identifier given by the consumer when a formatted ACH file is delivered.

ACHFileRefId

A reference identifier given when a formatted ACH file is delivered.

ACHFtrStatType

The ACH filter type of status. Canonical values are:

- *Act*
- *Inact*

ACHNACHAFile

A formatted ACH file that meets Nacha[®] standards.

ACHStatType

The status of an ACH file. Canonical values are:

- *Err*
- *Expire*
- *Hold*
- *Orign*
- *PendProc*
- *Proc*
- *Susp*

ACHTrnId

The identification given to an ACH transaction.

ACHTrnStatType

The status of the ACH transaction. Canonical values are:

- *Pend*
- *Post*

AlwPosPayType

Answers the question: Is the account/customer permitted for Positive Pay?
Canonical values are:

- *false*
- *true*

IncEDIOnly

Answers the question: only include EDI-impacted ACH transactions? Canonical values are:

- *false*
- *true*

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*
- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallInq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmtAdd*
- *AcctCombStmtInq*
- *AcctCombStmtMod*
- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*
- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*
- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*
- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*

- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*
- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*
- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*
- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*
- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*
- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*
- *BilPaySubSrch*
- *BrdCstSrch*

- *ChkImgInq*
- *ChkImgStmtGen*
- *ChkImgStmtGenInq*
- *ChkImgStmtSrch*
- *ColAdd*
- *Collnq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*
- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollnq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*
- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlInq*
- *CustInfoMsgInq*
- *CustInq*
- *CustMod*
- *CustMsgAdd*
- *CustMsgInq*
- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*
- *CustRelInq*
- *CustRelMod*

- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPpersonProdDictInq*
- *EDPPPpersonProdMod*
- *EDPPPpersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnInq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*
- *EFTCardImgIdMod*
- *EFTCardImgIdSrch*
- *EFTCardInq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*
- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*
- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*
- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*
- *FASB91Add*
- *FASB91AddValidate*

- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfolnq*
- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtld*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*
- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*
- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*
- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*
- *LnFeeSrch*
- *LnLiabInq*

- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmApplInq*
- *LnPltfmProdSrch*
- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcpInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*
- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAAdd*
- *LOCAAddValidate*
- *LOCCConstInProcAdd*
- *LOCCConstInProcInq*
- *LOCCConstInProcMod*
- *LOCCConstInProcSrch*
- *LOCMod*
- *LOCSrch*
- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*
- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*
- *MFASecdRiskInq*
- *MFATokenAdd*

- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrConsmCredAdd*
- *MFAUsrConsmCredInq*
- *MFAUsrConsmCredMod*
- *MFAUsrConsmCredSrch*
- *MFAUsrQnAAdd*
- *MFAUsrQnAInq*
- *MFAUsrQnAMod*
- *MFAUsrQnAMod*
- *MFAUsrQnAValidate*
- *MFAWaterMarkSrch*
- *MLLMasterRelAdd*
- *MLLMasterRelInq*
- *MLLMasterRelMod*
- *MLLRelSrch*
- *MLLTrancheRelAdd*
- *MLLTrancheRelInq*
- *MLLTranchRelMod*
- *NewAcctSrch*
- *NSFHistSrch*
- *ODISvcCred*
- *ODPrvlgHistSrch*
- *OFACSrch*
- *PersonNameMod*
- *PingAll*
- *PltfmAppAdd*
- *PltfmAppInq*
- *PltfmAppSrch*
- *PltfmProdInq*
- *PltfmStatInq*

- *PltfmStatInq*
- *PltfmStatMod*
- *PosPayItemInq*
- *PosPayItemInq*
- *PosPayItemMod*
- *PromoXferAdd*
- *PromoXferInq*
- *PromoXferMod*
- *PromoXferSrch*
- *PubWorkflowSrch*
- *RealEstatePropAdd*
- *RealEstatePropMod*
- *RealEstatePropSrch*
- *RelaEstatePropAddValidate*
- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*
- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*
- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*
- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*
- *TaxPlnBenfSrch*
- *TaxPlnInq*

- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*
- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*
- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*
- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*
- *WireCompInq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*
- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*
- *WireDrwdwnTrnTmpltMod*
- *WireHistSrch*

- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*
- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstISOtmpltMod*
- *WireTrnInq*
- *WireTrnISOAdd*
- *WireTrnISOtmpltMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOMod*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*
- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*
- *XferSrcDestSrch*
- *XferSrch*

ValidateOnly

Answers the question: Should the submitted object be validated only? Canonical values are:

- *false*
- *true*

The following complexes were created:

- *ACHAddeSrchRec_CType*

- `ACHFltrInfoRec_CType`
- `ACHFltrRec_CType`

The following arrays were created:

- `ACHAddeSrchArray_AType`
- `ACHFltrArray_AType`

2018.6.01 Updates

The following services were created:

- ACH Filter Addition
- ACH Filter Modification
- ACH Filter Inquiry

The following messages were created:

- `ACHFltrAddRq_MType`
- `ACHFltrAddRs_MType`
- `ACHFltrInqRq_MType`
- `ACHFltrInqRs_MType`
- `ACHFltrModRq_MType`
- `ACHFltrModRs_MType`

The following complexes were created or updated:

- `ACHFltrCompInfoRec_CType`
- `ACHFltrInfo_CType`
- `ACHFltrRec_CType`

2018.5.07 Updates

The following complex was updated:

- `ACHCompInfo_CType`

The following simple element was created:

AdvSttlDays

The number of days in advance the account settlement should occur.

2018.7.11 Updates

The following service was added:

- `ACH Company Modification`

The following messages were created:

- ACHCompModRq_MType
- ACHCompModRs_MType

The following array was created:

- ACHTempExpsrArray_AType

The following complexes were created or updated:

- ACHCompInfo_CType
- ACHCompMultiInqRec_CType
- ACHCompSrchRec_CType
- ACHTempExpsrInfo_CType

2020.1.04 Updates

The following messages were updated:

- ACHTrnAddeSrchRq_MType
- ACHTrnAddeSrchRs_MType

The following simple element was added:

ACHAddeFormatType

The format of the ACH addenda information. Canonical values are:

- *Translate*
- *Orig*

2021.0.00 Updates

The following services were added:

- ACH Return NOC Inquiry
- ACH Return NOC Search

The following messages were created:

- ACHRetNOCInqRq_MType
- ACHRetNOCInqRs_MType
- ACHRetNOCSrchRq_MType
- ACHRetNOCSrchRs_MType

The following complexes were created:

- ACHRetNOCInqRec_CType

- `ACHRetNOCSrchRec_CType`

The following array was created:

- `ACHRetNOCSrchArray_AType`

2021.0.03 Updates

The following services were added:

- ACH Activity Fraud Inquiry
- ACH Activity Fraud Status Inquiry

The following messages were created:

- `ACHActFraudInqRq_MType`
- `ACHActFraudInqRs_MType`
- `ACHActFraudStatInqRq_MType`
- `ACHActFraudStatInqRs_MType`

The following complex elements were created:

- `ACHFraudRsRec_CType`

The following array was created:

- `ACHFraudRsArray_AType`

The following simple elements were created or updated:

ACHFileCrtDt

The date an ACH file was created.

ACHFileCrtTime

The time an ACH file was created.

CmpltTimeDt

The date and time stamp when an item was completed.

FraudBatchStat

The status related to a fraud risk request. Canonical values are:

- *Cmplt*
- *Err*
- *Proc*

FraudRefId

A unique identification provided by the fraud risk application when a request for review is submitted.

FraudSusRsn

The reason a transaction was identified as fraud.

RecCnt

The total count of records.

SusRecCnt

The total number of suspect records.

SvcPrvdName

The message service providers. Canonical values are:

- *4Sight*
- *AES*
- *AlrtCenter*
- *Argo*
- *BrdCst*
- *BSA*
- *CIF2020*
- *CoreDir*
- *Cruise*
- *DirectLineIntlWires*
- *DirectLineWires*
- *EEMS*
- *EL*
- *ENS*
- *Episys*
- *EPS*
- *ERMS*
- *EWf*
- *iPay*
- *iTalk*
- *JHAEnterCRM*
- *JHAPayCenter*
- *jXchange*
- *MFA*
- *NetTeller*
- *ODI*
- *OnBoardDep*
- *OnBoardLn*

- *Passport*
- *Payrailz*
- *PmtProcSols*
- *Silhouette*
- *SilverLake*
- *Synapsys*
- *Synergy*
- *TimeTrack*
- *TP_CSPI*
- *TP_DocuSign*
- *TP_FISImageCentre*
- *TP_FISTBS*
- *TP_HylandOnBase*
- *TP_IMM*
- *TP_Symantec*
- *TP_Verafin*
- *Vertex*
- *Vertex*
- *YellowHammer*
- *YHRTFD*

2021.0.04 Updates

The following complexes were created or updated:

- `ACHCompIdRec_CType`
- `ACHRetNOCSrchRec_CType`

The following messages were updated:

- `ACHFileAddRq_MType`
- `ACHRetNOCSrchRq_MType`
- `ACHRetNOCSrchRs_MType`

The following simple elements were created or updated:

ACHFileCrtDt

The date an ACH file was created.

ACHFileCrtTime

The time an ACH file was created.

ACHRetNOCType

Is the ACH item a return or NOC? Canonical values are:

- *Ret*
- *NOC*

CmpltTimeDt

The date and time stamp when an item was completed.

FraudBatchStat

The status related to a fraud risk request. Canonical values are:

- *Cmplt*
- *Err*
- *Proc*

FraudRefId

A unique identification provided by the fraud risk application when a request for review is submitted.

FraudSusRsn

The reason a transaction was identified as fraud.

RecCnt

The total count of records.

SusRecCnt

The total number of suspect records.

SvcPrvdName

The message service providers. Canonical values are:

- *4Sight*
- *AES*
- *AlrtCenter*
- *Argo*
- *BrdCst*
- *BSA*
- *CIF2020*
- *CoreDir*
- *Cruise*
- *DirectLineIntlWires*
- *DirectLineWires*
- *EEMS*
- *EL*
- *ENS*

- *Episys*
- *EPS*
- *ERMS*
- *EWf*
- *iPay*
- *iTalk*
- *JHAEnterCRM*
- *JHAPayCenter*
- *jXchange*
- *MFA*
- *NetTeller*
- *ODI*
- *OnBoardDep*
- *OnBoardLn*
- *Passport*
- *Payrailz*
- *PmtProcSols*
- *Silhouette*
- *SilverLake*
- *Synapsys*
- *Synergy*
- *TimeTrack*
- *TP_CSPI*
- *TP_DocuSign*
- *TP_FISImageCentre*
- *TP_FISTBS*
- *TP_HylandOnBase*
- *TP_IMM*
- *TP_Symantec*
- *TP_Verafin*
- *Vertex*
- *Vertex*
- *YellowHammer*
- *YHRTFD*

2021.1.02 Updates

The following message was updated:

- `ACHFileInqRq_MType`

2023.0.00 Updates

The following complex was created or updated:

- `ACHCompInfo_CType`

The following array was created:

- `AcctOffsetArray_AType`

The following simple elements were created or updated:

AcctOffsetType

Defines the type of category for the offset account. Canonical values are:

- *Intnet*
- *Sttl*
- *Clerk*

ACHOffsetBalType

Defines the type of balance that is used for the offset account. Canonical values are:

- *Hold*
- *BalChk*
- *HoldBalChk*
- *None*

ACHOffsetDefType

Should the account be used as the default for offsets? Canonical values are:

- *true*
- *false*

2023.1.01 Updates

The following complex was created or updated:

- `ACHCompInfo_CType`
- `ACHExpsrInfo_CType`

The following message was created or updated:

- `ACHFileAddRq_MType`

The following array was created or updated:

- `ACHExpsrArray_AType`

The following simple elements were created or updated:

CrDlyLmtAmt

The daily ACH origination limit amount.

DrDlyLmtAmt

The daily ACH origination limit amount.

ExpsrEffDtType

The type of exposure limits as related to the exposure amount. Canonical values are:

- *Batch*
- *Day*
- *File*
- *Item*
- *Month*
- *Week*

InitialACHTraceId

The ACH trace number that uniquely identifies each entry detail record within a batch in an ACH file.

Bill Pay Services Updates

This topic explains the updates to this service.

2012.0.04 Updates

The following new service was created:

- Bill Pay Subscriber Consumer Customer Inquiry

The following new messages were created:

- `BilPaySubConsmCustInqRq_MType`
- `BilPaySubConsmCustInqRs_MType`

The following new simple elements were created:

- **SubComId**
- **SubConsmCustId**

The following messages were updated:

- `BilPaySubInqRs_MType`
- `BilPaySubModRq_MType`

2012.1.01 Updates

The following messages were updated:

- `BilPaySchedPmtSrchRq_MType`
- `BilPaySchedPmtSrchRs_MType`

The following simple elements were renamed:

- **PmtProcEndDt** renamed to **PmtEndDt**
- **PmtProcStartDt** renamed to **PmtStartDt**

2012.1.02 Updates

The following new service was created:

- Bill Pay Subscriber Add

The following new messages were created:

- `BilPaySubAddRq_MType`
- `BilPaySubAddRs_MType`

The following new arrays were created:

- `MktgOptInfoArray_AType`
- `x_FutPmtInfoArray_AType`

The following new complexes were created:

- `BilPaySubInfo_CType`
- `FutPmtInfo_CType`
- `MktgOptInfo_CType`
- `PayFromAcctInfo_CType`

The following new simple elements were created:

- **DltRecur**
- **FutPmtActualProcDt**
- **FutPmtAmt**
- **FutPmtChkMemo**
- **FutPmtCmnt**
- **FutPmtLastMainDt**
- **FutPmtId**
- **FutPmtModUsrId**
- **FutPmtStat**
- **FutPmtOrigProcDt**

- **PayeePmtMthd**
- **P2PFilter**
- **RecurFilter**
- **SkipPmtOccur**

The following messages were updated:

- `BilPayPmtHistSrchRq_MType`
- `BilPayPmtHistSrchRs_MType`
- `BilPaySchedPmtInqRq_MType`
- `BilPaySchedPmtInqRs_MType`
- `BilPaySchedPmtModRq_MType`
- `BilPaySchedPmtSrchRq_MType`
- `BilPaySchedPmtSrchRs_MType`

2013.1.00 Updates

The following new service was created:

- **Bill Pay Schedule Payment Approve**

The following new messages were created:

- `BilPaySchedPmtApprvRq_MType`
- `BilPaySchedPmtApprvRs_MType`

The following new arrays were created:

- `AlwSubAssocUsrMgmtOptInfoArray_AType`
- `SubAssocUsrIdInfoArray_AType`

The following new complexes were created:

- `AlwSubAssocUsrMgmtOptInfo_CType`
- `SubAssocUsrIdInfo_CType`

The following new simple elements and their canonical values were created:

- **AlwSubAssocUsrMgmtOpt**
 - *Add* - can add associated subscriber users
 - *All* - can do functions
 - *Del* - can delete associated subscriber users
 - *Mod* - can change associated subscriber users
 - *None* - cannot do any functions
- **AlwSubType**

- *All* - All
- *Comp* - Company
- *Indv* - Individual
- **CanAddPayFromOwnInfo**
 - *false*
 - *true*
- **ConsmOwnSubUsrPer**
 - *false*
 - *true*
- **HidSubAssocUsrConsmCustId**
 - *false*
 - *true*
- **SubId**
- **SubAssocUsrId**

The following messages were updated:

- `BilPaySubAddRs_MType`
- `BilPaySubConsmCustInqRs_MType`
- `BilPaySubInqRq_MType`
- `BilPaySubInqRs_MType`
- `BilPaySubSrchRq_MType`
- `BilPaySubSrchRs_MType`

The following complex was updated:

- `BilPaySubSrchInfo_CType`

2014.0.01 Updates

The following new services were created:

- Bill Pay Electronic Bill Schedule Inquiry
- Bill Pay Electronic Bill Schedule Modification
- Bill Pay Electronic Bill Schedule Search

The following new messages were created:

- `BilPayElecBilSchedInqRq_MType`
- `BilPayElecBilSchedInqRs_MType`
- `BilPayElecBilSchedModRq_MType`
- `BilPayElecBilSchedModRs_MType`

- `BilPayElecBilSchedSrchRq_MType`
- `BilPayElecBilSchedSrchRs_MType`

The following new arrays were created:

- `BilPayElecBilSchedSrchArray_AType`
- `BilPaySvcFeeArray_AType`
- `ElecMerAcctErrInfoArray_AType`
- `ElecMerAcctIdArray_AType`
- `ElecMerAcctTypeInfoArray_AType`
- `ElecMerPayeeCredInfoArray_AType`
- `ElecMerPayeeInfoArray_AType`

The following new complexes were created:

- `BilPayeeElecPmtInfo_CType`
- `BilPayElecBilSchedInqInfo_CType`
- `BilPayElecBilSchedModInfo_CType`
- `BilPayElecBilSchedSrchInfo_CType`
- `BilPaySvcFeeInfoRec_CType`
- `ElecMerAcctErrInfoRec_CType`
- `ElecMerAcctIdInfoRec_CType`
- `ElecMerAcctTypeInfoRec_CType`
- `ElecMerPayeeCredInfoRec_CType`
- `ElecMerPayeeInfoRec_CType`
- `x_ElecBilPmtInfo_CType`
- `x_ElecMerPayeeInfo_CType`

The following simple elements and their canonical values were created:

- **CurApprLTVRatio**
- **CurPMILTVRatio**
- **ElecBilAcctErrExist**
 - *false*
 - *true*
- **ElecBilId**
- **ElecBilPayeeType**
 - *Alw*
 - *Enroll*
 - *EnrollPend*

- *NotAlw*
- **ElecBilPmtAmtType**
 - *AmtDue*
 - *FixedAmt*
 - *MinDue*
 - *StmtBal*
- **ElecBilPmtAuto**
 - *false*
 - *true*
- **ElecBilPmtInstrType**
 - *ElecBilDueDt*
 - *ElecMerStmt*
- **ElecBilPmtMthd**
 - *NotPd*
 - *SubPdDir*
 - *SubPdElecDir*
- **ElecBilPmtRuleAlgSymb**
 - *EQ*
 - *GE*
 - *GT*
 - *LE*
 - *LT*
 - *NE*
- **ElecBilStat**
 - *ComingDue*
 - *Pd*
 - *SubProc*
 - *UnPd*
- **ElecMerAcctStat**
 - *Act*
 - *PendTer*
 - *Susp*
- **ElecMerAutoPmtAlw**
 - *false*
 - *true*
- **ElecMerAutoSuspType**

- *NxtBil*
- *Perm*
- **ElecMerBilPmt**
 - *false*
 - *true*
- **ElecMerCredType**
 - *Pswd*
 - *SharedSecret*
 - *UsrName*
- **ElecMerCredTypeDesc**
- **ElecMerCredVal**
- **ElecMerPayeeToS**
- **ElecMerPayeeToSStat**
 - *Actp*
 - *NotActp*
 - *ReqNewActp*
- **ElecMerPayeeURL**
- **ElecMerPendTerDt**
- **ElecMerSuspExpDt**

The following simple element was updated with the canonical value:

- **FeturType**
 - *ElecBilPmt* - electronic bill payment series
- **PayeeModId**

The following complexes were updated:

- *BilPayPayeeInfo_CType*
- *BilPayPayeeSrchInfo_CType*
- *BilPayPmtHistSrchInfo_CType*
- *BilPayPmtInfo_CType*
- *BilPayProdTypeInfo_CType*
- *BilPaySchedPmtSrchInfo_CType*

The following messages were updated:

- *BilPayPayeeInqRq_MType*
- *BilPayPayeeInqRs_MType*
- *BilPayPayeeModRq_MType*

- `BilPayPayeeModRs_MType`
- `BilPayPayeeSrchrq_MType`
- `BilPayPayeeSrchrRs_MType`
- `BilPayPmtHistInqRs_MType`
- `BilPaySchedPmtInqRs_MType`

2014.0.06 Updates

The following complex was updated:

- `BilPayPayeeSrchrInfo_CType`

2014.0.08 Updates

The following simple element was created:

- **SubCmntToPayee**

The following messages were updated:

- `BilPayElecBilSchedSrchrq_MType`
- `BilPayElecBilSchedSrchrRs_MType`

The following complexes were updated:

- `BilPayElecBilSchedInqInfo_CType`
- `BilPayElecBilSchedSrchrInfo_CType`
- `BilPayPmtInfo_CType`
- `FutPmtInfo_CType`

2015.0.01 Updates

The following simple elements were created:

- **PmtIntentType**
- **XferFilter**

The following messages were updated:

- `BilPayPmtHistSrchrq_MType`
- `BilPayPmtHistSrchrRs_MType`
- `BilPaySchedPmtSrchrq_MType`
- `BilPaySchedPmtSrchrRs_MType`

The following complexes were updated:

- `BilPayPayeeInfo_CType`

- `BilPayPayeeSrchInfo_CType`
- `BilPayPmtHistSrchInfo_CType`
- `BilPayPmtInfo_CType`
- `BilPayPmtPayeeInfo_CType`
- `BilPaySchedPmtSrchInfo_CType`

The following simple elements were updated:

- **FeturType**
- **PayeeClsf**

2015.0.03 Updates

The following complexes were created:

- `SubAssocUsrInfo_CType`
- `SubAssocUsrName`

The following arrays were created:

- `SubAssocUsrInfoArray_AType`
- `SubAssocUsrCapInfoArray_AType`
- `SubAssocUsrEmailArray`
- `SubAssocUsrMktgOptInfoArray`
- `SubAssocUsrPerInfoArray_AType`
- `SubAssocUsrPhoneArray`

The following messages were updated:

- `BilPaySubSrchRq_MType`
- `BilPaySubSrchRs_MType`

The following complexes were updated:

- `BilPaySubInfo_CType`
- `BilPaySubSrchInfo_CType`

2015.0.06 Updates

The following simple element was created:

- **SubInActRsnType**

The following messages were updated:

- `BilPaySubConsmCustInqRs_MType`
- `BilPaySubInqRs_MType`

The following complex was updated:

- `BilPaySubInfo_CType`

The following simple element was updated:

- **SubStat**

2016.0.01 Updates

The following complex was updated:

- `BilPayPayeeSrchInfo_CType`

2016.0.09 Updates

The following simple elements were created or updated:

- **PayeeP2PType**

The following complexes were updated:

- `BilPayPayeeInfo_CType`

2017.0.02 Updates

The following messages were updated:

- `BillPayPayeeSrchRq_MType`
- `BilPayPayeeSrchRs_MType`

The following complexes were updated:

- `BilPayPayeeInfo_CType`
- `BilPayPayeeSrchInfo_CType`

2017.2.01 Updates

The following simple elements were created or updated:

- **ElecBillPayeeCatType**
- **ElecBilPayeeType**

The following complexes were updated:

- `BilPayPayeeInfo_CType`
- `BilPayPayeeSrchInfo_CType`

2017.2.03 Updates

The following messages were updated:

- `BilPayElecBilSchedInqRq_MType`
- `BilPayElecBilSchedInqRs_MType`

The following complex was updated:

- `BilPayElecBilSchedInqInfo_CType`

2017.4.01 Updates

The following simple elements were created or updated:

- **MaxIndvDlyAmt**
- **MaxIndvPmtAmt**
- **TokenExpTimeDt**
- **WebPgToken**

The following complexes were updated:

- `BilPayProdTypeInfo_CType`
- `BilPayElecBilSchedInqInfo_CType`

2018.0.01 Updates

The following simple elements were created or updated:

- **ElecBilPayeeType**
- **SubInActRsnType**

2018.6.01 Updates

The following message was updated:

- `BilPayPayeeInqRs_MType`

The following complex was created:

- `CardFundedPayeeInfo_CType`

The following array was created:

- `x_CardFundedPayeeArray_AType`

The following simple element was created or updated:

AlwCardFundedType

Is the FI/payee available to receive a card funded payment? Canonical values are:

- *True*

- *False*

2018.7.04 Updates

The following messages were updated:

- `BilPayPayeeSrchrq_MType`
- `BilPayPayeeSrchrS_MType`

The following simple element was created or updated:

CardPayFilter

The filter for searching card-funded payees that should be returned in the response. Canonical values are:

- *Incl*
- *OnlyCardPay*
- *Excl*

The default value is *Incl*.

2018.7.07 Updates

The following messages were updated:

- `BilPayPmtHistSrchrq_MType`
- `BilPayPmtHistSrchrS_MType`

2018.7.11 Updates

The following complexes were created or updated:

- `BilPaySubInfo_CType`
- `CardPayAcctInfo_CType`
- `PayFromAcctInfo_CType`
- `SubConsmCapInfo_CType`

The following array was created:

- `SubConsmCapArray_AType`

The following simple element was created:

NetLnBal

The calculated loan balance net (less) of portions sold, charged off, etc.

2019.0.01 Updates

The following messages were updated:

- `BilPaySubSrchRq_MType`
- `BilPaySubSrchRs_MType`

The following complexes were created or updated:

- `BilPayProdTypeInfo_CType`
- `AvlCardBINInfo_CType`

The following array was created:

- `AvlCardBINArray_AType`

The following simple element was created:

EFTCardBIN

The Bank Identification Number (BIN) codes.

2023.1.02 Updates

The following messages were created or updated:

- `BilPaySchedPmtSrchRq_MType`
- `BilPaySchedPmtSrchRs_MType`

BSA Services Updates

This topic explains the updates to this service.

2016.0.03 Updates

The following services were created:

- BSA Due Diligence Pool Search
- BSA Due Diligence Response Addition
- BSA Due Diligence Response Inquiry

The following messages were created:

- `BSADueDilgntPoolSrchRq_MType`
- `BSADueDilgntPoolSrchRs_MType`
- `BSADueDilgntRsAddRq_MType`
- `BSADueDilgntRsAddRs_MType`
- `BSADueDilgntRsInqRq_MType`

- `BSADueDilgntRsInqRs_MType`

The following arrays were created:

- `DueDilgntActArray_AType`
- `DueDilgntQuesArray_AType`
- `DueDilgntAnswArray_AType`
- `AnswCanocArray_AType`
- `DueDilgntQuesRsArray_AType`

The following complexes were created:

- `DueDilgntActRec_CType`
- `DueDilgntQuesRec_CType`
- `DueDilgntAnswRec_CType`
- `AnswCanocRec_CType`
- `DueDilgntQuesRsRec_CType`

The following simple elements were created or updated:

ActTrnTotType

Describes the type of activity transaction total. Canonical values are:

- *Cnt*
- *Amt*

ActTrnType

Describes the type of activity transaction type. Canonical values are:

- *Dr*
- *Cr*

AnswCanocType

Describes the type of canonical values that would exist for an answer. Canonical values are:

- *NAICS*
- *Cntry*
- *State*
- *StdIndust*
- *OpenEnum*
- *NA*

AnswDataType

Describes the type of data for the answers. Canonical values are:

- *Dt*
- *Dec*
- *Int*
- *String*

DueDilgntActAns

The answers for the activity per category.

DueDilgntActType

Describes the type of due diligent activity category. Canonical values are:

- *ATM*
- *Cash*
- *Wire*
- *IntlWire*
- *IntlACH*
- *Chks*
- *ACH*
- *Oth*
- *TotWire*
- *Tot*

DueDilgntAnswDesc

The description for an answer for questions as related to answer identifier.

DueDilgntAnswId

An identifier assigned to an answer to questions for the BSA due diligence.

DueDilgntCapDt

The last date the due diligent answers were captured.

DueDilgntCustType

Defines the type of customer being submitted for due diligent reporting.

Canonical values are:

- *Indv*
- *Comp*

The default value is *Indv*.

DueDilgntQuesDesc

The description for question as related to question identifier.

DueDilgntQuesID

An identifier assigned to a question for the BSA due diligence.

DueDilgntType

The bank secrecy act due diligent type. Canonical values are:

- *Cust*
- *Acct*

Check Image Services Updates

This topic explains the updates to this service.

2024.0.01 Updates

The following messages were created or updated:

- `ChkImgDocGenRq_MType`

2021.0.05 Updates

The following complex elements were updated:

- `ChkImgStmtSrchInfo_CType`

2019.0.03 Updates

The following services were added:

- Check Image Document Search
- Check Image Document Generate
- Check Image Document Generate Inquiry

The following messages were created:

- `ChkImgDocGenInqRq_MType`
- `ChkImgDocGenInqRs_MType`
- `ChkImgDocGenRq_MType`
- `ChkImgDocGenRs_MType`
- `ChkImgDocSrchRq_MType`
- `ChkImgDocSrchRs_MType`

The following complex was created:

- `ChkImgDocInfo_CType`

The following array was created:

- `ChkImgDocSrchArray_AType`

The following simple elements were created or updated:

DocContentType

Identifies content to include when returning a statement or other document. Canonical values are:

- *TextOnly*
- *Full*

The default value is *Full*.

DocDlvryMthd

The method of final delivery for account statements or documents. Canonical values are:

- *All*
- *CDDoc*
- *eDoc*
- *PrtDoc*

DocDt

The document date.

DocEnclCnt

The count of enclosures within a statement or document.

DocItemType

DocItemType is a high-level definition of a document's category. Canonical values are:

- *Stmt*
- *Not*

DocItemType is a hybrid open enumeration.

DocRqStatCmnt

A comment related to the status of a statement or other document.

DocRqStat

The statement or other document request status. Canonical values are:

- *Cmplt* - Complete
- *Err* - Error
- *Proc* - Processing
- *Wait* - Waiting

The default value is *Cmplt*.

DocStatId

The identification to use to find the status of a statement or other document request.

DocTpltType

Identifies if a document should be generated in its original stored format or in a current format if the format was changed. Canonical values are:

- *Orig*
- *Cur*

This element is a hybrid open enumeration.

2017.0.03 Updates

The following messages were updated:

- `ChkRiskInqRq_MType`
- `ChkRiskInqRs_MType`

The following simple elements were created or updated:

ChkRiskPrvdType

The check risk provider. Canonical values are:

- *AFS*
- *EarlyWarn*

CrtStatTimeDt

The date and time stamp of the status creation. The time is expressed in ISO 8601 time format and must contain either Zulu time or local time and the UTC offset.

Format: `[-]CCYY-MM-DDThh:mm:ss[Z|(+|-)hh:mm]` Valid values include:

- 2001-10-26T21:32:52
- 2001-10-26T21:32:52+02:00
- 2001-10-26T19:32:52Z
- 2001-10-26T19:32:52+00:00
- 2001-10-26T21:32:52
- 2001-10-26T21:32:52.12679

Examples of the same moment:

- 18:30Z
- 22:30+04
- 1130-0700
- 15:00-03:30

See <https://www.w3.org/TR/NOTE-datetime> for further reference.

LastRiskRptTimeDt

The date and time stamp of the last reporting for an alert. Expressed in ISO 8601 time format and contains either Zulu time or local time and the UTC offset. Format: [-]CCYY-MM-DDThh:mm:ss[Z|(+|-)hh:mm] Valid values include:

- 2001-10-26T21:32:52
- 2001-10-26T21:32:52+02:00
- 2001-10-26T19:32:52Z
- 2001-10-26T19:32:52+00:00
- 2001-10-26T21:32:52
- 2001-10-26T21:32:52.12679

Examples of the same moment:

- 18:30Z
- 22:30+04
- 1130-0700
- 15:00-03:30

See <https://www.w3.org/TR/NOTE-datetime> for further reference.

LastStatTimeDt

The date and time stamp the last time the status changed. Expressed in ISO 8601 time format and contains either Zulu time or local time and the UTC offset. Format: [-]CCYY-MM-DDThh:mm:ss[Z|(+|-)hh:mm] Valid values include:

- 2001-10-26T21:32:52
- 2001-10-26T21:32:52+02:00
- 2001-10-26T19:32:52Z
- 2001-10-26T19:32:52+00:00
- 2001-10-26T21:32:52
- 2001-10-26T21:32:52.12679

Examples of the same moment:

- 18:30Z
- 22:30+04
- 1130-0700
- 15:00-03:30

See <https://www.w3.org/TR/NOTE-datetime> for further reference.

MonstrInstrType

Answers the question: Does the check represent a monetary instrument like money order, cashier's check, or treasury check? Canonical values are:

- *false*
- *true*

PrivAlrtType

Is the alert specific private? Canonical values are:

- *false*
- *true*

TrnRiskStatType

The transaction risk status type. Canonical values are:

- *Addl*
- *Prim*
- *RecomActn*
- *Score*
- *Secd*

The following complexes were created:

- `ChkRiskAlertRec_CType`
- `ChkRiskInqSumRec_CType`
- `x_ChkRiskAuxInqRec_CType`

The following complexes were updated:

- `ChkRiskInqRsRec_CType`
- `TrnRiskStatRec_CType`

The following array was created:

- `ChkRiskAlertArray_AType`

2016.0.10 Updates

The following messages were updated:

- `ChkImgStmtGenRq_MType`
- `ChkImgStmtGenRs_MType`

2013.1.00 Updates

The following new service was created:

- Check Risk Inquiry

The following new messages were created:

- ChkRiskInqRq_MType
- ChkRiskInqRs_MType

The following new arrays were created:

- IdRiskMatchArray_AType
- TrnRiskStatArray_AType
- TrnRiskStatRsnArray_AType

The following new complexes were created:

- ChkRiskInqRsRec_CType
- IdRiskMatchRec_CType
- TrnRiskStatRsnRec_CType
- TrnRiskStatRec_CType

The following new simple elements and their corresponding canonical values were created:

- **IdRiskMatchType**

- *Addr*
- *BirthDt*
- *City*
- *ComName*
- *FullAddr*
- *FullName*
- *HomePhoneNum*
- *IdIssueBy*
- *IdVerifyVal*
- *IdVerifyCode*
- *LastName*
- *MiddleName*
- *NameSuffix*
- *PostalCode*
- *StateCode*
- *TaxId*
- *TitlePrefix*
- *WorkPhoneNum*

- **IdRiskMatchScore**

- **IdRiskMatchStatType**

- *Match*
- *NoMatch*
- *PartMatch*
- *Unknown*
- **LastRiskRptDt**
- **RetTrnCnt**
- **TrnChanType**
 - *ACH*
 - *ATM*
 - *BrTellerId*
 - *BusRDC*
 - *ConsmRDC*
 - *CorrReDep*
 - *Mail*
 - *MobRDC*
 - *RDC*
- **TrnDsptPend**
 - *false*
 - *true*
- **TrnRiskColStat**
 - *High*
 - *Low*
 - *Med*
 - *None*
- **TrnRiskRcptId**
- **TrnRiskStatRsnCode**
- **TrnRiskStatRsnDesc**
- **TrnRiskStatCode**
- **TrnRiskStatDesc**
- **TrnRiskStatType**
 - *Addl*
 - *Prim*
 - *Score*
 - *Secd*

2012.1.02 Updates

The following service was created:

- Check Image Search

The following messages were created:

- `ChkImgSrchrq_MType`
- `ChkImgSrchrS_MType`

The following array was created:

- `ChkImgSrchrArray_AType`

The following complex was created:

- `ChkImgSrchrInfo_CType`

2012.0.03 Updates

The following new services were created:

- Check Image Statement Generate
- Check Image Statement Generate Inquiry
- Check Image Statement Search

The following new messages were created:

- `ChkImgStmntGenRq_MType`
- `ChkImgStmntGenRs_MType`
- `ChkImgStmntGenInqRq_MType`
- `ChkImgStmntGenInqRs_MType`
- `ChkImgStmntSrchrRq_MType`
- `ChkImgStmntSrchrRs_MType`

The following new array was created:

- `ChkImgStmntSrchrArray_AType`

The following new complex was created:

- `ChkImgStmntSrchrInfo_CType`

The following new simple elements and their canonical values were created:

- **StmntDt**
- **StmntEnclCnt**
- **StmntId**
- **StmntLoc**
- **StmntLocCred**
- **StmntPgCnt**

- **StmtRqStat**
 - *Cmplt*
 - *Err*
 - *Proc*
 - *Wait*
- **StmtRqStatCmnt**
- **StmtStatId**

2008.1 Updates

The following complex was updated:

- `MsgRsHdr_CType`

Collateral Tracking Updates

This topic explains the updates to this service.

2008.1 Updates

The following new arrays were created:

- `CollatDocSrchRecArray_AType`
- `CollatItemSrchRecArray_AType`

The following complexes were updated:

- `CollatTrackSrchRs_MType`
- `ErrOvrRdInfoArray_AType`
- `MsgRsHdr_CType`
- `SrchMsgRsHdr_CType`

2010.0 Updates

The following new message was created:

- Collateral Tracking Add Validate

The following new complexes were created:

- `CollatTrackAddValidateRq_MType`
- `CollatTrackAddValidateRs_MType`

2012.0.04 Updates

The following complexes were updated:

- CollatItemRec_CType
- CollatItemSrchRec_CType

2012.1.02 Updates

The following new services were created:

- Collateral Tracking Item Inquiry
- Customer Collateral Search

The following new messages were created:

- CollatTrackItemInqRq_MType
- CollatTrackItemInqRs_MType
- CustCollatSrchRq_MType
- CustCollatSrchRs_MType

The following new arrays were created:

- AcctCollatRecArray_AType
- CollatDocItemRecArray_AType
- CustCollatDocSrchRecArray_AType
- CustCollatSrchRecArray_AType
- CustIdCollatRecArray_AType

The following new complexes were created:

- AcctCollatItemRec_CType
- CollatDocItemRec_CType
- CollatItemInqRec_CType
- CustCollatDocSrchRec_CType
- CustCollatSrchRec_CType
- CustIdCollatItemRec_CType

2013.1.01 Updates

The following new simple elements were created:

- **CollatDocDetInfo**
- **CollatDocDetInfoText**
- **CollatItemDetDesc**
- **CollatItemDetDescText**

The following simple elements were scheduled for deprecation:

- **CollatDocInfo**
- **CollatDocInfoText**
- **CollatItemDesc**
- **CollatItemDescText**

The following complexes were updated:

- `CollatDocInfoRec_CType`
- `CollatItemDescInfo_CType`

2013.1.02 Updates

The following complex was updated:

- `CollatDocRec_CType`

2015.0.07 Updates

The following message was updated:

- `CollatTrackSrchRq_MType`

Conditional Notification

Conditional Notification services of jXchange allow a service provider to notify a third-party consumer of certain account or consumer conditions causing alerts or notifications to be issued.

In jXchange, Conditional Notification has been created to alert third-party consumers of specific account or consumer conditions when the third-party consumer requests an account or consumer inquiry. Such conditions include address overrides, stop pays, collection messages, special instructions, etc. Once notified that the conditions exist, the third-party consumer is responsible for initiating second and subsequent requests messages to inquire upon the conditional notices. Conditional Notification does not forward the notices themselves, but merely notifies the third-party consumer that they exist.

Credit Bureau Information Services Updates

2010.0 Updates

The following service was created:

- Credit Bureau Information Add Validate

The following messages were created:

- `CrBurInfoAddValidateRq_MType`
- `CrBurInfoAddValidateRs_MType`

2012.1.01 Updates

The following service was created:

- Credential Policy Inquiry

The following messages were created:

- `CredPolInqRq_MType`
- `CredPolInqRs_MType`

2012.1.02 Updates

The following simple elements were created:

- **ODHighBal**
- **ODLmt**
- **PastDueAmt**

The following complex was updated:

- `CrBurInfo_CType`

2015.0.07 Updates

The following message was updated:

- `CrBurInfoInqRq_MType`

2019.0.04 Updates

The following complexes were updated:

- `CrBurInfo_CType`

The following simple elements were created or updated:

DefRptType

Answers whether this loan should be reported as deferred. Canonical values are:

- *True*
- *False*

DefPmtStartDt

The date that the first deferred loan payment starts.

2023.1.02 Updates

The following complex elements were created or updated:

- CrBurInfo_CType
- CrBurInfoInqRec_CType

Credit Card Services Updates

This topic explains the updates to this service.

2024.2.03 Updates

The following complex was updated:

- AuthUsrCrCardRec_CType

2024.1.04 Updates

The following services were created:

- Credit Card Balance Transfer Addition
- Credit Card Processor Identifier Search

The following messages were created or updated:

- CrCardBalXferAddRq_MType
- CrCardBalXferAddRs_MType
- CrCardProcIdSrchRq_MType
- CrCardProcIdSrchRs_MType

The following complexes were created or updated:

- CardHolderInfo_CType
- ChkPmtInfo_CType
- CrCardProcIdInfoRec_CType
- RemotePmtInfo_CType

The following arrays were created or updated:

- CrCardProcIdArray_AType

The following simple elements were created:

CardProcType

Identifies the type of card processor type. Canonical values are:

- *Bank*

- *Retail*

CardRemotePmtId

The identifier given to a remote payment payer.

2024.1.01 Updates

The following messages were created or updated:

- `CrCardAcctSrchRq_MType`
- `CrCardAcctSrchRs_MType`

2023.1.02 Updates

The following message element was created or updated:

- `CrCardTrnModRq_MType`

The following complex element was created or updated:

- `CrCardPmtInfoRec_CType`

The following simple element was created:

EffDtTrnType

Was the original transaction effective dated and still pending? Canonical values are:

- *false*
- *true*

2023.1.01 Updates

The following complex element was created or updated:

- `x_CrCardAcctInfoRec_CType`

The following simple element was created:

CrCardPgmName

The program name as related to a credit card.

2022.1.02 Updates

The following complex element was created or updated:

- `CrCardHolderRec_CType`

2022.1.01 Updates

The following service was added:

- Credit Card Pending Transaction Inquiry

The following messages were created:

- CrCardPendTrnInqRq_MType
- CrCardPendTrnInqRs_MType

The following complex was created:

- CrCardPendTrnInfoRec_CType

The following array was created:

- CrCardPendTrnArray_AType

2021.1.03 Updates

The following messages were created:

- CrCardHolderInqRq_MType
- CrCardHolderInqRs_MType

The following arrays were created:

- CrCardHolderArray_AType
- CrCardHolderHistArray_AType

The following complexes were created:

- CrCardHolderHistRec_CType
- CrCardHolderRec_CType

The following simple elements were created:

AliasCrCardStatDesc

The description of the status of the PIID.

AliasCrCardStat

The status of the PIID.

AuthUsrCrCardCode

The code that references the cardholder's member sequence ID.

AuthUsrCrCardDesc

The description of the code that references the cardholders member sequence ID.

CardShipDt

The date the card was shipped to the cardholder.

CrCardActDt

The date the card was activated.

CrCardImgCode

The code defines the type of card image that appears on the credit card.

CrCardIssueRsnCode

This code defines the credit card issue reason code.

CrCardIssueRsnDesc

The description of the code that defines the credit card issue reason code.

CrCardType

Describes the type of issued card. Canonical values are:

- *ContactlessChip*
- *EMV*
- *EMVContactlessChip*
- *Mobile*
- *Plastic*

ReIssueCrCardCode

This code defines the credit card reissuance method.

2021.0.06 Updates

The following complex elements were updated:

- `CrCardAcctInfoRec_CType`
- `x_CrCardAcctSumRec_CType`

The following simple element was created:

RemMinPmtAmt

The remaining minimum payment amount.

2021.0.00 Updates

The following services were added:

- Credit Card Auto Pay Addition
- Credit Card Auto Pay Modification
- Credit Card Auto Pay Inquiry
- Credit Card Order Addition

The following messages were created:

- CrCardAutoPayAddRq_MType
- CrCardAutoPayAddRs_MType
- CrCardAutoPayInqRq_MType
- CrCardAutoPayInqRs_MType
- CrCardAutoPayModRq_MType
- CrCardAutoPayModRs_MType
- CrCardOrderAddRq_MType
- CrCardOrderAddRs_MType

The following complex elements were created:

- CrCardAutoPayInqRec_CType
- CrCardAutoPayRec_CType
- CrCardOrderRec_CType
- CrCardPaySchedRec_CType

The following simple elements were created or updated:

AutoPayStat

The status of the automatic payment. Canonical values are:

- *Act*
- *Susp*

CardProdType

The details of how the card reorder is processed by the card producer. Canonical values are:

- *3rdDay*
- *Ovrngt*
- *Std*

CrCardAutoPayType

The type of credit card automatic payment. Canonical values are:

- *MinPmtAmt*
- *Oth*
- *SpecificAmt*
- *StmtBal*

EmbosNameType

Who does the embossed name represent? Canonical values are:

- *AuthUsr*
- *Prim*
- *PrimSecd*
- *Secd*

FeeOrderType

Should a fee be charged for the card order? Canonical values are:

- *True*
- *False*

InfiniteSchedType

Notes if the schedule does not have a start and end date and is on auto payment until notified otherwise.

- *True*
- *False*

2020.1.05 Updates

The following service was added:

- Credit Card Transaction Modification

The following messages were created:

- `CrCardTrnModRq_MType`
- `CrCardTrnModRs_MType`

The following complex was updated:

- `CrCardPmtInfoRec_CType`

2018.7.11 Updates

The following services were added:

- Credit Card Statement Modification
- Credit Card Statement Inquiry

The following messages were created:

- `CrCardStmtModRq_MType`
- `CrCardStmtModRs_MType`
- `CrCardStmtInqRq_MType`
- `CrCardStmtInqRs_MType`

The following complexes were created or updated:

- x_CrCardAcctInfoRec_CType
- CrCardStmtInfoRec_CType
- CrCardStmtInqRec_CType

The following simple elements were created:

CrCardStmtStatType

The credit card statement status type. Canonical values are:

- *Elec*
- *Paper*
- *PaperElec*

CrCardStmtType

The credit card statement type. Canonical values are:

- *Elec*
- *Paper*

2018.7.03 Updates

The following services were created:

- Credit Card Account Search
- Credit Card Activation
- Credit Card Report Lost Addition
- Credit Card Statement Generation
- Credit Card Statement Search

The following messages were created:

- CrCardAcctSrchRq_MType
- CrCardAcctSrchRs_MType
- CrCardActRq_MType
- CrCardActRs_MType
- CrCardRptLostAddRq_MType
- CrCardRptLostAddRs_MType
- CrCardStmtGenRq_MType
- CrCardStmtGenRs_MType
- CrCardStmtSrchRq_MType
- CrCardStmtSrchRs_MType

The following complexes were created or updated:

- AuthUsrCrCardRec_CType

- CrCardAcctSrchRec_CType
- CrCardRptLostRec_CType
- CrCardStmtSrchRec_Ctype
- x_CrCardAcctInfoRec_CType
- x_CrCardAcctSumRec_CType

The following arrays were created or updated:

- AuthUsrCrCardArray_AType
- CrCardAcctSrchArray_AType
- CrCardStmtSrchArray_AType

The following simple elements were created or updated:

AddrVerifType

Was the address verified? Canonical values are:

- *True*
- *False*

AuthUsrCrCardType

The type of alias/authorized user's credit card. Canonical values are:

- *Prim*
- *Secd*
- *Auth*

CrCardLostDt

The date the card was lost.

CrCardLostLocType

The lost location for a credit card. Canonical values are:

- *Auto*
- *Bar*
- *Home*
- *Hotel*
- *Off*
- *Rural*
- *Store*
- *Unknown*

CrCardLostNum

The number of credit cards issued.

EFTCardPINLostType

Answers the question: has the EFT card PIN ID reported lost? Canonical values are:

- *True*
- *False*

FraudActRptType

Has fraud activity been reported? Canonical values are:

- *True*
- *False*

2018.5.01 Updates

The following service was created:

- Credit Card Transaction Addition

The following messages were created:

- CrCardTrnAddRq_MType
- CrCardTrnAddRs_MType

The following complexes were created:

- CrCardPmtInfoRec_CType
- CrCardAdvInfoRec_CType

2018.0.03 Updates

The following services were created:

- Credit Card Account Inquiry
- Credit Card Reward Inquiry
- Credit Card Transaction History Search

The following complexes were created:

- CrCardAcctInfoRec_CType
- CrCardFraudInfoRec_CType
- CrCardRwrInqRec_CType
- CrCardTrnHistSrchRec_CType
- x_CrCardAcctInfoRec_CType
- x_CrCardAcctSumRec_CType
- x_CrCardFraudInfoRec_CType

The following messages were created:

- CrCardAcctInqRq_MType

- CrCardAcctInqRs_MType
- CrCardRwrInqRq_MType
- CrCardRwrInqRs_MType
- CrCardTrnHistSrchRq_MType
- CrCardTrnHistSrchRs_MType

The following arrays were created:

- CrCardRwrInqArray_AType
- CrCardTrnHistSrchArray_AType

The following simple elements were created or updated:

CashAdvAnnPctRate

The annual percentage rate (APR).

CrCardAcctId

The number or character that identifies an account record.

CrCardActCode

The code that defines the state of the activation of a credit card.

CrCardActDesc

The description of the code that defines the state of the activation of a credit card.

CrCardAuthId

The credit card identifier provided for transaction authorization.

CrCardExpDt

The expiration date.

CrCardIssuedNum

The number of credit cards issued.

CrCardLmtUpdCode

The code that defines the reason the credit limit was updated.

CrCardLmtUpdDesc

The description of the code that defines the reason the credit card limit was updated.

CrCardProdDesc

The description of the credit card product.

CrCardTrnStatType

The status of the credit card transactions. Canonical values are:

- *Auth*

- *Post* (default)

EFTCardCapType

What process was used to capture the EFT card data? Canonical values are:

- *BarCode*
- *CertMagRead*
- *ChipRead*
- *ElecMer*
- *FallbackMagRead*
- *Keyed*
- *MagRead*
- *NFCChipRead*
- *NFCMagRead*
- *OCR*
- *Trak*
- *UnCertChipRead*

EFTMerStateCode

The two-character alpha code which represents a state. For example, *MO*.

EFTTrnAuthAmt

The amount for which an EFT transaction was authorized.

EFTTrnAuthDt

The date an EFT transaction was authorized.

FraudPlanCode

The code that defines the plan to use for a fraud suspect.

FraudPlanDesc

The description of the code that defines the plan to use for a fraud suspect.

FraudPlanSuspDt

The date a fraud plan was suspended.

FraudScoreDt

The date a score was given for a possible fraud.

FraudScore

The score given for a possible fraud.

FraudSuspPlanCode

The code that defines the plan to use for a fraud suspect.

FraudSuspPlanSuspEndDt

The end date that a score was given for possible fraud.

FraudSuspPlanSuspStartDt

The start date that a score was given for possible fraud.

IncCardStmtTrnType

Answers the question: Include the card transactions that have been reported on a statement? Canonical values are:

- *false*
- *true*

LastCrCardOrderDt

The last date that a credit card was ordered.

LastLmtUpdDt

The date the last time a credit limit was updated.

LOCLmtMainDt

The last maintenance date.

MerBusCatDesc

The business category description as related to a merchant.

MerCity

The city name.

MerPostalCode

The postal code or ZIP code.

PrevLOCLmt

The previous line of credit limit.

RedeemRwrPtAmt

The number of reward points that have been redeemed.

RwrPtProdDesc

The description or name given to a rewards product.

RwrPtAccrAmt

The number of reward points that have accrued but are not yet available.

RwrPtEarnLTD

The number of reward points that have been earned life-to-date.

RwrPtExpAmt

The number of reward points that are scheduled for expiration.

RwrPtExpDt

The date the reward points are due to expire.

RwrPtRedeemLTD

The number of reward points that have been redeemed life-to-date.

Customer Message Services Updates

This topic explains the updates to this service.

2010.1 Updates

The following simple elements were created:

- **MsgNxtRevDt**
- **MsgPrtNotCode**
- **MsgPrtNotDesc**

The following complexes were updated:

- `CustMsgInfoRec_CType`
- `CustMsgSrchRec_CType`

2011.1 Updates

The following message was updated:

- `CustMsgAddRq_MType`

The following complex was updated:

- `CustMsgSrchRec_CType`

2012.1.02 Updates

The following simple elements were updated:

MsgCat

The message categories. Canonical values are:

- *Acct* - account
- *All* - account and customer
- *Cust* - customer

All is the default.

MsgType

Message type. Canonical values are:

- *Alert* - alert
- *All* - all value

- *ChgBack* - charge back items
- *Col* - collections
- *Collat* - collateral
- *CrBack* - credit back items
- *EFT* - EFT
- *EnhncdColAlert* - enhanced collection alert
- *EnhncdCol* - enhanced collection
- *Exc* - all exception items
- *ExcSus* - exception suspect items
- *NonClsf* - non-classified
- *Note* - note
- *ODPrvlg* - overdraft privilege

NonClsf is the default.

2023.0.01

The following complexes were updated:

- `EFTCardInqRec_CType`
- `EFTCardModRec_CType`

The following simple element was updated:

MsgType

Message type. Canonical values are:

- *Alert* - alert
- *All* - all value
- *ChgBack* - charge back items
- *Col* - collections
- *Collat* - collateral
- *CrBack* - credit back items
- *EFT* - EFT
- *EnhncdColAlert* - enhanced collection alert
- *EnhncdCol* - enhanced collection
- *Exc* - all exception items
- *ExcSus* - exception suspect items
- *NonClsf* - non-classified
- *Note* - note
- *ODPrvlg* - overdraft privilege

NonClstf is the default.

Customer Relationship Services Updates

This topic explains the updates to this service.

2024.2.00 Updates

The following complex was updated:

- `CRMEventInqRec_CType`

2023.1.01 Updates

The following messages were created or updated:

- `CustRelAddRq_MType`
- `CustRelModRq_MType`

The following complex elements were created or updated:

- `CRMRelReferInfoRec_CType`
- `CRMEventInqRec_CType`
- `CRMReferInfoRec_CType`

The following arrays were created:

- `x_CRMRelReferArray_AType`

2023.1.00 Updates

The following messages were created:

- `CRMActSrchRq_MType`
- `CRMActSrchRs_MType`
- `CRMCustSrchRq_MType`
- `CRMReferInqRq_MType`

The following complex elements were created or updated:

- `CRMActInfoRec_CType`
- `CRMActInqRec_CType`
- `CRMActSrchRec_CType`
- `CRMAuditHistRec_CType`
- `CRMCustSrchRec_CType`
- `CRMEventInqRec_CType`

- CRMProdInfoRec_CType
- CRMReferInqRec_CType
- CRMRelActInfoRec_CType
- MktCmpgnInfoRec_CType

The following arrays were created:

- CRMAddrRec_CType
- CRMProdArray_AType
- x_CRMAddrArray_AType
- x_CRMAuditHistArray_AType
- x_MktCmpgnInfoArray_AType

The following simple elements were created or updated:

ChngDesc

The description of the change applied to a record.

MktCmpgnName

The name given to a marketing campaign.

MktCmpgnType

The status of an activity specific to the payment hub. Canonical values are:

- *PSO*
- *Cmpgn*
- *DynamicCmpgn*

2022.1.04 Updates

The following services were added:

- Customer ID Relationship Addition
- Customer ID Relationship Inquiry
- Customer ID Relationship Modification
- Customer ID Relationship Search

The following messages were created:

- CustIdRelAddRq_MType
- CustIdRelAddRs_MType
- CustIdRelInqRq_MType
- CustIdRelInqRs_MType
- CustIdRelModRq_MType
- CustIdRelModRs_MType

- `CustIdRelSrchRq_MType`
- `CustIdRelSrchRs_MType`

The following complex elements were created or updated:

- `CustIdRelInqRec_CType`
- `CustIdRelRec_CType`
- `CustIdRelSrchRec_CType`

The following array was created:

- `CustIdRelSrchRecArray_AType`

The following simple elements were created or updated:

CustIdRelText

The text that identifies a unique row value within an array.

CustIdRelType

The type of relationship designated by the **CustIdRelCode**. Canonical values are:

- *Prim*
- *Secd*

RelPry

This element identifies the provider-defined relationship priority.

2022.1.03 Updates

The following services were added:

- Customer Relationship Management Reminder Modification
- Customer Relationship Management Reminder Multiple Inquiry
- Customer Relationship Management Reminder Search

The following messages were created:

- `CRMRmndModRq_MType`
- `CRMRmndModRs_MType`
- `CRMRmndMultiInqRq_MType`
- `CRMRmndMultiInqRs_MType`
- `CRMRmndSrchRq_MType`
- `CRMRmndSrchRs_MType`

The following complex elements were created or updated:

- `CRMRmndInfoRec_CType`
- `CRMRmndMultiInqRec_CType`

- `CRMRmndSrchRec_CType`
- `DayOfMonthRecurRec_CType`
- `DayOfWeekRecurRec_CType`
- `DlyRecurInfoRec_CType`
- `DlyRecurPatn_CType`
- `MasterLoanSrchRec_CType`
- `MthlyRecurInfoRec_CType`
- `MthlyRecurPatn_CType`
- `RecurDayInfoRec_CType`
- `RecurInfoRec_CType`
- `RecurRng_CType`
- `WeeklyRecurInfoRec_CType`
- `WeeklyRecurPatn_CType`

The following arrays were created or updated:

- `CRMRmndModInfoArray_AType`
- `CRMRmndMultiInqRecArray_AType`
- `CRMRmndSrchArray_AType`
- `MasterLoanSrchRecArray_AType`
- `RecurDayArray_AType`

The following simple elements were created or updated:

CRMItemID

The element used to identify an event or activity when working with CRM reminders. It includes the `Rstr` attribute.

CRMItemType

Identifies which reminder is associated with an event, activity, or reminder. It includes the `ClosedEnum` extension and the `JHANull` attribute. Canonical values are:

- *CustCon*
- *Svc*
- *Sale*
- *Incen*
- *Msg*
- *Phone*
- *Note*

- *Cmpgn*
- *Rmnd*

EvryWeekDayType

Daily reminder recurs every week day. Canonical values are:

- *true*
- *false*

RecurPatnDlyType

The recurrence pattern is daily. Canonical values are:

- *true*
- *false*

RmndCrtTimeDt

The time and date assigned to the creation of a reminder.

RmndDt

The date the reminder is to occur.

RmndRecv

The reminder has been read by the reminder assigned officer. Canonical values are:

- *true*
- *false*

RmndSubj

The subject of the reminder.

RmndType

Identifies the type of reminder. Canonical values are:

- *Indv*
- *Recur*
- *Onboard*

2021.1.00 Updates

The following services were added:

- CRM Client Related Data Inquiry
- CRM Client Related Data Modification

The following messages were created:

- CRMClientRelDataInqRq_MType

- CRMClientRelDataInqRs_MType
- CRMClientRelDataModRq_MType
- CRMClientRelDataModRs_MType

The following complex elements were created or updated:

- ClientDemogrInfo_CType
- ClientInfo_CType
- ClientRelDataInqRec_CType
- XtendInfoDetailRec_CType
- XtendInfoRec_CType

The following arrays were created or updated:

- ClientDemogrArray_AType
- ClientIntArray_AType
- XtendInfoArray_AType
- XtendInfoDetailArray_AType

The following simple elements were created or updated:

ClientInfoReqCode

The client information request code (the element identifier).

ClientInfoReqDeclineType

Was the client information request denied? Canonical values are:

- *true*
- *false*

ClientIntCode

The code that relates information about the client interests within the array (the element identifier).

ClientIntType

Client interests. Canonical values are:

- *Int* - Interested
- *Decline* - Declined
- *N/A* - Not Applicable

Val

The value of a name value pair.

XtendInfoCatCode

The Extended Information Category Code.

XtendInfoCatDesc

The Description of the Extended Information Category Code.

2020.1.04 Updates

The following messages were updated:

- `CustRelInqRq_MType`
- `CustRelInqRs_MType`

2020.1.01 Updates

The following complex was updated:

- `CRMActInfoRec_CType`

The following simple element was created:

CRAMeetType

Is the CRM activity related to a Community Reinvestment Act (CRA) meeting?
Canonical values are:

- *true*
- *false*

2018.5.03 Updates

The following service was added:

- CRM Customer Inquiry

The following messages were created:

- `CRMCustInqRq_MType`
- `CRMCustInqRs_MType`

The following complexes were created or updated:

- `CRMAddrRec_CType`
- `CRMrmkRec_CType`
- `CRMCustInqRec_CType`
- `CRMCustInfoRec_CType`
- `CRMCustInqRec_CType`

The following arrays were created or updated:

- `CRMAddrArray_AType`
- `CRMrmkArray_AType`

The following simple elements were created or updated:

CompEmpICnt

The number/count of the employees for an organization.

CRMAddrType

The type of address for a CRM entity. Canonical values are:

- *All*
- *Bil*
- *Prim*
- *Purch*
- *Shipping*

ParentCompId

The identifier assigned to a parent company.

RmkSubj

The subject as related to a remark.

2018.4.03 Updates

The following simple elements were updated:

CRMOffCode

The code assigned to the CRM officer. This element is Open Enumerated to allow for display of a listing of all officer values. It includes the *OvrrdInstRtId* attribute. There is one canonical value used to identify the current user without having to find the current user's name in the officer list. If `CRMOffCode` is populated with *CurUsr*, the provider looks to the subject name in the IMS token to identify the officer. The canonical value is:

- *CurUsr*

2018.4.01 Updates

The following simple elements were created or updated:

CRMEventId

The identification assigned to a CRM event. It includes the *JHANull* and *Rstr* attributes.

Note

Use this element and `CRMEventType` for the following complex elements:

- CRMActInqRs_MType
- CRMActInqRec_CType
- CRMActInfoRec_CType
- CRMRelEventInfo_CType

This element deprecates as of 2026-01-01.

CRMEventType

The type of CRM event. It includes the *JHANull* and *Rstr* attributes. Canonical values are:

- *All*
- *CustCon*
- *Incen*
- *Sale*
- *Svc*

CRMOffCode

The code assigned to the CRM officer. This element is Open Enumerated to allow for display of a listing of all officer values. It includes the *OvrrdInstRtId* attribute. There is one canonical value used to identify the current user without having to find the current user's name in the officer list. If `CRMOffCode` is populated with *CurUsr*, the provider looks to the subject name in the IMS token to identify the officer. The canonical value is:

- *CurUsr*

CustId

The identifier attached to a customer. It includes the *OvrrdInstRtId* attribute.

OvrrdInstRtId

Describes the institution routing number or bank number/location used to override the *InstRtId* found in a message header.

TaxId

The tax identifier. It includes the *OvrrdInstRtId*, *MaskVal*, *Rstr*, and *SrchType* attributes.

The following complex was updated:

- CRMRelEventInfo_CType

The following message was updated:

- CRMActAddRq_MType

2017.4.01 Updates

The following simple elements were created or updated:

CRMActSumDesc

The description of the code that describes the summary/results of the CRM activity.

MeetLocDesc

The description of the code of the location that a meeting was held.

The following complex was updated:

- `CRMActInqRec_CType`

2017.3.02 Updates

The following complex was updated:

- `CRMRelActInfoRec_CType`

2017.2.03 Updates

The following simple elements were updated:

ActCrtTimeDt

The time and date assigned to the creation of an activity.

CRMActTime

The time an activity was created.

Note

This element deprecates as of 2026-01-01.

RmndSchedEnable

Whether the reminder schedule tied to the CRM Event Category Code is enabled.
Canonical values are:

- *false*
- *true*

The following complex was created:

- `CRMRelEventInfo_CType`

The following complexes were updated:

- `CRMActInfoRec_CType`
- `CRMActInqRec_CType`
- `CRMActSrchRec_CType`

- `CRMEventInfoRec_CType`

2017.0.04 Updates

The following complex was created:

- `PotSaleProdRec_CType`

The following array was created:

- `PotSaleProdArray_AType`

The following complex was updated:

- `CRMPotSaleInfoRec_CType`

2016.1.01 Updates

The following complex was updated:

- `CRMActSrchRec_CType`

2016.0.04

The following simple elements were created:

EscItDt

The CRM Date Escalated Date.

The following messages were updated:

- `CRMEventSrchRq_MType`
- `CRMEventSrchRs_MType`
- `CRMReferSrchRq_MType`
- `CRMReferSrchRs_MType`

The following complexes were updated:

- `CRMEventInfoRec_CType`
- `CRMEventSrchRec_CType`
- `CRMReferInfoRec_CType`

The following simple elements were updated:

EventStatCode

The code related to the status of an event. Service Event statuses returned in Service Dictionary Search represent a one-to-one relationship. Use of one of the

listed canonical values represents a one-to-many relationship. Canonical values are:

- *Act*, Return All Events not in a terminating area
- *EscIt*, Return All Escalated Events (Date Escalated is populated and status is not considered)
- *AltEscIt*, Return All Active/Escalated Events (Date Escalated is populated and Events are in an Active status)
- *Ter*, Return Events that are in a terminating status

The default if you do not input a value is *All*, Return All Events.

ReferStatCode

The code assigned to the status of a CRM referral. Referral statuses returned in Service Dictionary Search represent a one-to-one relationship.

- *Act*, Return All Referrals not in a terminating area
- *EscIt*, Return All Escalated Referrals (Date Escalated is populated and status is not considered)
- *AltEscIt*, Return All Active/Escalated Referrals (Date Escalated is populated and Referrals are in an Active status)
- *Ter*, Return Referrals that are in a terminating status

The default if you do not input a value is *Act*, Return All Referrals.

2015.0.07

The following messages were updated:

- `CustRelInqRq_MType`

The following complexes were updated:

- `CRMActInfoRec_CType`
- `CRMEventInfoRec_CType`
- `CRMProspInfoRec_CType`
- `CRMReferInfoRec_CType`

The following simple elements were updated:

BrDesc

A description of the branch name. It includes the `Rstr` attribute.

CustProdOwn

Answers the question: Does the customer have ownership for a specific product? It includes the `Rstr` attribute. Canonical values are:

- *false*
- *true*

CustRelCode

The code that references the type of relationship one customer has with another customer. This element is a hybrid open enumeration. Canonical values are:

- *Prim* - Primary
- *Joint* - Joint
- *Bus* - Business

Leave the element blank for *UNK* - Unknown.

ReferBonusDueDt

The date a referral is completed that could constitute a bonus to the associate. It includes the `Rstr` attribute.

ReferDueDt

The referral due date. It includes the `Rstr` attribute.

2015.0.03 Updates

The following service was created:

- Customer Relationship Management Activity Add

The following messages were created:

- `CRMActAddRq_MType`
- `CRMActAddRs_MType`

The following simple elements were created:

ActExpDt

The expiration date of the activity.

CRMActSumCode

The code that describes the summary/results of the CRM activity.

MeetLocCode

The code of the location that a meeting was held.

The following complex was updated:

- `CRMActInfoRec_CType`

2014.0.06 Updates

The following simple element was updated with a new canonical value:

- **OvrFDICInsurLmt**

- *Exmp*

The following complexes were updated:

- LnAcctInfo_CType
- LnBalDtInfo_CType
- LnPmtInfo_CType
- LnProtInfo_CType
- LnRateInfo_CType
- LnRenExtInfo_CType
- LnRegRptInfo_CType

2014.0.05 Updates

The following services were created:

- Customer Relationship Management Activity Inquiry
- Customer Relationship Management Activity Modification
- Customer Relationship Management Event Addition
- Customer Relationship Management Event Inquiry
- Customer Relationship Management Event Modification
- Customer Relationship Management Referral Addition
- Customer Relationship Management Referral Inquiry
- Customer Relationship Management Referral Modification
- Customer Relationship Management Referral Search

The following messages were created:

- CRMActInqRq_MType
- CRMActInqRs_MType
- CRMActModRq_MType
- CRMActModRs_MType
- CRMEventAddRq_MType
- CRMEventAddRs_MType
- CRMEventInqRq_MType
- CRMEventInqRs_MType
- CRMEventModRq_MType
- CRMEventModRs_MType
- CRMReferAddRq_MType
- CRMReferAddRs_MType

- CRMReferInqRq_MType
- CRMReferInqRs_MType
- CRMReferModRq_MType
- CRMReferModRs_MType
- CRMReferSrchRq_MType
- CRMReferSrchRs_MType

The following array was created:

- CRMAcctArray_AType

The following complexes were created:

- CRMAcctInfoRec_CType
- CRMActInqRec_CType
- CRMEventInfoRec_CType
- CRMEventInqRec_CType
- CRMReferInqRec_CType

The following simple element and canonical values were created:

- **CRMActDt**
- **CRMActStatCode**
- **CRMActStatDesc**
- **CRMEventDesc**
- **CRMEventDt**
- **CRMOffDesc**
- **CustProdOwn**
 - *false*
 - *true*
- **EventCatCode**
- **EventCatDesc**
- **ReferBonusDueDt**
- **ReferDueDt**
- **StopACHItems**
 - *false*
 - *true*

The following complexes were updated:

- CRMReferInfoRec_CType
- CustRelRec_CType

2013.1.00 Updates

The following services were created:

- Customer Relationship Management Activity Search
- Customer Relationship Management Customer Search
- Customer Relationship Management Event Search
- Customer Relationship Management Market Campaign Search
- Customer Relationship Management Potential Sales Opportunities Search
- Customer Relationship Management Prospect Inquiry
- Customer Relationship Management Prospect Search
- Customer Relationship Management Referral Search

The following messages were created:

- CRMActSrchrq_MType
- CRMActSrchrRs_MType
- CRMCustSrchrq_MType
- CRMCustSrchrRs_MType
- CRMEventSrchrq_MType
- CRMEventSrchrRs_MType
- CRMMktCmpgnSrchrq_MType
- CRMMktCmpgnSrchrRs_MType
- CRMPotSaleSrchrq_MType
- CRMPotSaleSrchrRs_MType
- CRMProspInqrq_MType
- CRMProspInqrRs_MType
- CRMProspSrchrq_MType
- CRMProspSrchrRs_MType
- CRMReferSrchrq_MType
- CRMReferSrchrRs_MType

The following arrays were created:

- ActOffArray
- CRMActSrchrArray_AType
- CRMCustSrchrArray_AType
- CRMEventSrchrArray_AType
- CRMMktCmpgnSrchrArray_AType
- CRMOffArray_AType
- CRMPotSaleSrchrArray_AType

- CRMProspSrchArray_AType
- CRMReferSrchArray_AType

The following complexes were created:

- CRMActSrchRec_CType
- CRMCustSrchRec_CType
- CRMEventSrchRec_CType
- CRMMktCmpgnInfoRec_CType
- CRMMktCmpgnSrchRec_CType
- CRMOffRec_CType
- CRMPotSaleSrchRec_CType
- CRMProspInfoRec_CType
- CRMProspInqRec_CType
- CRMProspSrchRec_CType
- CRMReferInfoRec_CType
- CRMReferSrchCustom
- CRMReferSrchRec_CType
- CRMSvcActSrchCustom

The following simple elements and their canonical values were created:

- **ActCmnt**
- **ActCrtOffCode**
- **ActCrtOffDesc**
- **CRMActDt**
- **CRMActId**
- **CRMActRecv**
 - *false*
 - *true*
- **CRMActType**
 - *All*
 - *Cmpgn*
 - *Mailing*
 - *Meet*
 - *Note*
 - *Phone*
- **CRMCmnt**
- **CRMEventRccv**

- *false*
- *true*
- **CRMEventType**
 - *All*
 - *CustCon*
 - *Incen*
 - *Sale*
 - *Svc*
- **CRMOffCode**
- **CRMOffDesc**
- **CRMPrivType**
 - *false*
 - *true*
- **CustProfCode**
- **CustSatfCode**
- **CustSatfDesc**
- **HouseHoldProfCode**
- **HouseHoldProfDesc**
- **PotSaleId**
- **PotSaleDesc**
- **PotSaleDt**
- **ReferCrtOffDesc**
- **ReferOffDesc**
- **ReferStatDesc**

2012.1.03 Updates

The following service was created:

- Customer Relationship Addition Validation

The following messages were created:

- `CustRelAddValidateRq_MType`
- `CustRelAddValidateRs_MType`

2011.1 Updates

The following complex was updated:

- `CustRelRec_CType`

2008.1 Updates

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `MsgRsHdr_CType`

Customer Services Updates

This topic explains the updates to this service.

2025.0.00

The following service was deprecated:

- Card Alert Notification Inquiry

The following messages were deprecated:

- `CardAlrtNotfInqRq_MType`
- `CardAlrtNotfInqRs_MType`

The following complex was deprecated:

- `CardAlrtNotfInqRec_CType`

2024.2.03 Updates

The following message was updated:

- `CardCVVInqRs_MType`

2024.1.04 Updates

The following message was updated:

- `CardAlrtModRq_MType`

2024.1.02 Updates

The following complex element was created or updated:

- `RegDetail_CType`

The following simple element was created:

AnnRevenueAmt

The business's annual revenue amount.

2024.0.02 Updates

The following service was added:

- Customer Add Validate

The following messages were created:

- CustAddValidateRq_MType
- CustAddValidateRs_MType

2024.0.01 Updates

The following message was created or updated:

- CustAddRq_MType

2024.0.00 Updates

The following messages were created or updated:

- ColSrchrq_MType
- ColSrchrRs_MType

2023.1.02 Updates

The following complex element was created or updated:

- Alien_CType

The following simple element was created:

AlienIRSrptType

The type of reporting to the IRS for an alien. Canonical values are:

- *1042S*
- *1099INT*
- *NoRpt*

2023.0.01 Updates

The following services were added:

- Collection Addition
- Collection Inquiry
- Collection Modification
- Collection Search

The following messages were created:

- ColAddRq_MType
- ColAddRs_MType
- ColInqRq_MType
- ColInqRs_MType
- ColModRq_MType
- ColModRs_MType
- ColSrchRq_MType
- ColSrchRs_MType

The following complex elements were created or updated:

- ColExpenseInfo_CType
- ColIncmInfo_CType
- ColInqRec_CType
- ColRec_CType
- ColSrchRec_CType

The following arrays were created or updated:

- ColExpenseArray_AType
- ColIncmArray_AType
- ColSrchRecArray_AType

The following simple elements were created or updated:

AcctInColType

Account exists as a Collection Account. Canonical values are:

- *True*
- *False*

ActnTakenCode

The action taken on a collection account.

ActnTakenDesc

The description of the action taken on a collection account.

BorwType

The type of borrower. Canonical values are:

- *Borw*
- *CoBorw*

ColAcctStatDesc

Collection Account Status Description.

ColAddDt

The date an account was added to collections.

ColGEPastDueDays

The number of days the collection account is past due is greater than or equal to the number of days entered.

ColltrCode

The code that represents the collection letter to be sent to the customer.

ColltrDesc

The description of the code related to the collection letter to be sent to the customer.

ColPromisedAmt

The collection amount promised on account.

ColPromisedDt

The date the collection amount was promised to be paid.

ColQueCode

The Collection Queue Code.

ColQueDesc

The description of the Collection Queue Code.

ColWorkStatType

Has the collection record been worked? Canonical values are:

- *true*
- *false*

ConPartyCode

The code that represents the party contacted for the collection account.

ConPartyDesc

The description of the code related to the contacted party on a collection account.

ConRsltCode

The code that represents the result of the contact regarding the collection account.

ConRsltDesc

The description of the code related to the result of the contact regarding the collection account.

IncNonColType

Include accounts that are not already defined as Collection Accounts. Canonical values are:

- *true*
- *false*

LastUpdDt

The last day a record was updated.

ManualAddType

Item was manually added. Canonical values are:

- *True*
- *False*

MsgType

Message type. Canonical values are:

- *Alert* - alert
- *All* - all value
- *ChgBack* - charge back items
- *Col* - collections
- *Collat* - collateral
- *CrBack* - credit back items
- *EFT* - EFT
- *EnhncdColAlert* - enhanced collection alert
- *EnhncdCol* - enhanced collection
- *Exc* - all exception items
- *ExcSus* - exception suspect items
- *NonClsf* - non-classified
- *Note* - note
- *ODPrvlg* - overdraft privilege

NonClsf is the default.

PrtLtrNowType

Print collection letter now? Canonical values are:

- *True*
- *False*

PrtNonPastDueType

Print collection letter if the account is not past due? Canonical values are:

- *True*
- *False*

RemInQueType

Should this remain in this queue? Canonical values are:

- *true*
- *false*

StayInColType

Should the account always stay in collections? Canonical values are:

- *true*
- *false*

WorkDt

The day an item was worked.

2022.1.02 Updates

The following services were added:

- Card Temporary Expiration Date Modification
- Collection Queue Inquiry
- Collection Queue Modification
- Collection Queue Search

The following messages were created:

- `CardTempExpDtModRq_MType`
- `CardTempExpDtModRs_MType`
- `ColQueueInqRq_MType`
- `ColQueueInqRs_MType`
- `ColQueueModRq_MType`
- `ColQueueModRs_MType`
- `ColQueueSrchRq_MType`
- `ColQueueSrchRs_MType`

The following complex elements were created or updated:

- `ColQueSrchRec_CType`
- `ColQueRec_CType`
- `ColQueInqRec_CType`

The following array was created or updated:

- ColQueSrchRecArray_AType

The following simple elements were created or updated:

ColQueCode

The collection queue code.

ColQueDesc

A description of the Collection Queue Code.

2022.1.01 Updates

The following service was added:

- Card CVV Inquiry

The following messages were created:

- CardCVVInqRq_MType
- CardCVVInqRs_MType

2022.0.02 Updates

The following services were added:

- Payment Hub Device Contact Addition
- Payment Hub Device Contact Inquiry

The following messages were created:

- PmtHubDevConAddRq_MType
- PmtHubDevConAddRs_MType
- PmtHubDevConInqRq_MType
- PmtHubDevConInqRs_MType

The following complex elements were created or modified:

- DevConInfoRec_CType
- PmtHubDevConInfoRec_CType
- DevConRsInfoRec_CType
- PmtHubDevConInqRec_CType
- TaxDetail_CType
- x_TaxDetail_CType

The following arrays were created or modified:

- DevConArray_AType
- DevConInqArray_AType

- `DevConRsArray_AType`

The following simple elements were created or modified:

DevConIdHashVal

The hash value assigned to a device contact identifier.

DevConId

The identifier assigned to a specific device. For example, email or phone.

DevConIdType

The type of contact device identifier in **DevConId**. Canonical values are:

- *EmailAddr*
- *PhoneNum*

PmtCustPhotoURL

The URL location that contains the photo image of the payment hub customer.

2021.0.04 Updates

The following services were added:

- Institution Defined Field Search
- Institution Defined Field Inquiry
- Institution Defined Field Modification

The following messages were created:

- `InstDefFldInqRq_MType`
- `InstDefFldInqRs_MType`
- `InstDefFldModRq_MType`
- `InstDefFldModRs_MType`
- `InstDefFldSrchRq_MType`
- `InstDefFldSrchRs_MType`

The following complex elements were created or updated:

- `InstDefFldInqRec_CType`
- `InstDefFldRec_CType`
- `InstDefFldSrchRec_CType`

The following array was created:

- `InstDefFldSrchRecArray_AType`

The following simple elements were created or updated:

CondNotf

The conditions that exist on an account or customer to notify the consumer to use another service. Canonical values are:

- *AcctAnlys*
- *AcctCombStmt*
- *AcctProdOvrrd*
- *AcctRecon*
- *AcctSweep*
- *ACHEDI*
- *AddrAcct*
- *AddrIRSrpt*
- *AddrNot*
- *AddrOvrrd*
- *AddrPmts*
- *AddrSeasonal*
- *AddrStmt*
- *AlertMsg*
- *CollatMsg*
- *CollatTrack*
- *ColMsg*
- *EnhAcctAnlys*
- *Escrw*
- *FASB91*
- *FraudAlert*
- *InstDefFld*
- *LnPmtSched*
- *LnRateSched*
- *LnUnit*
- *LineOfCr*
- *MemoPost*
- *Msg*
- *ODProt*
- *PlnBenf*
- *RateSwap*
- *RealEstateProp*
- *StopAlerts*
- *StopHold*

- *StopPay*
- *Stops*
- *StopSpecInstr*
- *TimeDepRenOvrrd*
- *XferACH*
- *XferFut*

FldId

The identifier of the field.

FldText

The context value for the field.

FldVal

The value of the institution-defined field.

InstDefKey

The institution-defined field key.

2021.0.02 Updates

The following services were added:

- Teaser Rate Addition
- Teaser Rate Search
- Teaser Rate Inquiry
- Teaser Rate Modification

The following messages were created:

- TeaserRateAddRq_MType
- TeaserRateAddRs_MType
- TeaserRateInqRq_MType
- TeaserRateInqRs_MType
- TeaserRateModRq_MType
- TeaserRateModRs_MType
- TeaserRateSrchRq_MType
- TeaserRateSrchRs_MType

The following complex elements were created:

- TeaserRateInfoRec_CType
- TeaserRateInqRec_CType
- TeaserRateSrchRec_CType
- TeaserRateTierRec_CType

The following arrays were created:

- TeaserRateSrchRecArray_AType
- TeaserRateTierRecArray_AType

2020.1.05 Updates

The following message was updated:

- CustSrchRq_MType

The following complex was created:

- CustBrandRec_CType

The following complexes were updated:

- CustRec_CType
- CustSrchRec_CType
- PmtHubUsrActSrchInfo_CType

The following array was created:

- CustBrandArray_AType

The following simple elements were created or updated:

PmtHubActStatDesc

A full description of the payment hub activity status.

PmtStatDt

The date as related to a specific status.

PmtHubActStat

The status of an activity specific to the payment hub. Canonical values are:

- *Acpt*
- *Cancel*
- *Decline*
- *Denied*
- *Dlvr*
- *Exp*
- *Fail*
- *Pend*
- *Rej*
- *Retry*

TrnFinalType

Answers whether the transaction has been finalized. Canonical values are:

- *true*
- *false*

2020.1.04 Updates

The following service was added:

- Payment Hub User Activity Inquiry

The following messages were created:

- `PmtHubUsrActInqRq_MType`
- `PmtHubUsrActInqRs_MType`

The following complex elements were created:

- `PmtHubHistActRec_CType`
- `PmtHubUsrActInqRec_CType`

The following array was created:

- `PmtHubHistActArray_AType`

The following simple elements were created:

PmtHubActStatDesc

A full description of the payment hub activity status.

PmtStatDt

The date as related to a specific status.

TrnFinalType

Answers whether the transaction has been finalized. Canonical values are:

- *true*
- *false*

2019.0.01 Updates

The following service was added:

- Card Alert Notification Inquiry

The following messages were created:

- `CardAlrtNotfInqRq_MType`
- `CardAlrtNotfInqRs_MType`

The following complex was created or updated:

- `CardAlrtNotfInqRec_CType`

The following simple elements were created or updated:

CardAlrtMsg

The free-format message related to a card alert.

CardAlrtCatDesc

The description of the code as related to a card alert category.

CurrTypeSymb

The symbol representation for a currency.

EFTTrnChanCode

The code of the channel used for the EFT transaction.

EFTTrnChanDesc

The description of the channel used for the EFT transaction.

EFTTrnTimeDt

The time and date of the transaction.

MerBusCatCode

The code of the merchant's business category.

2018.7.05 Updates

The following services were created:

- Lobby Queue Addition
- Lobby Queue Inquiry
- Lobby Queue Modification
- Lobby Queue Search

The following messages were created:

- `LobbyQueAddRq_MType`
- `LobbyQueAddRs_MType`
- `LobbyQueInqRq_MType`
- `LobbyQueInqRs_MType`
- `LobbyQueModRq_MType`
- `LobbyQueModRq_MType`
- `LobbyQueSrchRq_MType`
- `LobbyQueSrchRq_MType`

The following messages were updated:

- `CardAlrtModRq_MType`

- `NSFHistSrchrq_MType`

The following complexes were created or updated:

- `CardAlrtRec_CType`
- `CRMEventInfoRec_CType`
- `LobbyQueInfoRec_CType`
- `LobbyQueInqRec_CType`
- `LobbyQueSrchrRec_CType`
- `NSFHistSrchrRec_CType`

The following array was created:

- `LobbyQueSrchrArray_AType`

The following simple elements were created or updated.

CustType

The customer type. Examples include business or individual.

LobbyQueId

An identifier given to entries for lobby queues.

LobbyQueStatCode

The code that describes the status of the lobby queue entry.

LobbyQueStatDesc

The description of the code that describes the status of the lobby queue entry.

NewCustType

Is this a new customer? Canonical values are:

- *True*
- *False*

QueEntryTimeDt

The time and date of an entry when captured into a queue.

SvcDictFilterCode

Filters that can be used to provide the consumer a means to define the specific dictionary values for a specific service. Canonical values are:

- *AcctAdd:*
 - *AcctId*
 - *AcctType*
 - *BrCode*

- *ProdCode*
- *RegionCode*
- **AcctSweepAdd:**
 - *AcctId*
 - *AcctType*
- **BilPaySubInq:**
 - *MobPrvdCod*
- **BilPaySubMod:**
 - *MobPrvdCod*
- **CollatTrackAdd:**
 - *AcctId*
 - *AcctType*
 - *CollatCode*
 - *CollatDoc*
 - *CollatDocCode*
 - *CollatItem*
 - *CustId*
- **CRMActAdd:**
 - *CRMActType*
 - *OffInstRtId*
- **CRMActInq:**
 - *CRMActType*
- **CRMActMod:**
 - *CRMActType*
 - *OffInstRtId*
- **CRMEventAdd:**
 - *CRMEventType*
 - *CustId*
 - *EventCatCode*
 - *EventCatDesc*
 - *EventOffCode*
 - *EventPrivType*
 - *OffInstRtId*
 - *TaxId*
- **CRMEventInq:**

- *CRMEventType*
- **CRMEventMod:**
 - *CRMEventType*
 - *CRMEventId*
 - *CustId*
 - *EventCatCode*
 - *EventCatDesc*
 - *EventOffCode*
 - *EventPrivType*
 - *OffInstRtId*
 - *TaxId*
- **CRMReferAdd:**
 - *CustId*
 - *EventPrivType*
 - *OffInstRtId*
 - *ReferOffCode*
 - *TaxId*
- **CRMReferMod:**
 - *EventPrivType*
 - *OffInstRtId*
 - *ReferId*
 - *ReferOffCode*
- **CustRelAdd:**
 - *RelAcctType*
- **CustRelMod:**
 - *RelAcctType*
- **DocImgAdd:**
 - *DocImgIdxType*
- **EscrwAdd:**
 - *AcctType*
 - *EscrwTypeCode*
- **FASB91Add:**
 - *AcctId*
 - *AcctType*

- *FASB91Cat*
- *LnAppRgtrAdd:*
 - *AppDt*
- *LnAppRgtrAddValidate:*
 - *AppDt*
- *LnAppRgtrMod:*
 - *AppDt*
- *LnFeeAdd:*
 - *AcctId*
 - *AcctType*
 - *LnFeeCode*
- *LnUnitAdd:*
 - *AcctId*
 - *AcctType*
- *LobbyQueAdd:*
 - *BrCode*
- *StopChkAdd:*
 - *AcctId*
 - *AcctType*
 - *ProdCode*
 - *StopHldType*
- *TaxPlnAdd:*
 - *PlnCode*
- *TrnAdd:*
 - *AcctType*
 - *BrCode*
- *WireTmpItAdd:*
 - *WireAcctId*
 - *WireAcctType*
- *XferAdd:*
 - *FromAcctId*
 - *FromAcctType*
 - *ToAcctId*
 - *ToAcctType*

- *XferType*

2018.7.03 Updates

The following services were created:

- Beneficial Owner Search
- Card Alert Subscription Addition
- Card Alert Subscription Modification
- Card Alert Subscription Inquiry
- Card Alert Modification
- Payment Hub User Activity Search

The following messages were created:

- BenflOwnSrchRq_MType
- BenflOwnSrchRs_MType
- CardAlrtModRq_MType
- CardAlrtModRs_MType
- CardAlrtSubAddRq_MType
- CardAlrtSubAddRs_MType
- CardAlrtSubInqRq_MType
- CardAlrtSubInqRs_MType
- CardAlrtSubModRq_MType
- CardAlrtSubModRs_MType
- PmtHubUsrActSrchRq_MType
- PmtHubUsrActSrchRs_MType
- PmtHubUsrDirAddRq_MType
- PmtHubUsrDirAddRs_MType
- PmtHubUsrDirModRq_MType
- PmtHubUsrDirModRs_MType
- PmtHubUsrDirInqRq_MType
- PmtHubUsrDirInqRs_MType

The following complexes were created or updated:

- CardAlrtRec_CType
- CardAlrtSubInqRec_CType
- CardAlrtSubRec_CType
- CardAlrtThldRec_CType
- CustRec_CType

- EFTCardRec_CType
- LegalEntitySearchRec_CType
- PmtHubRecipCon_CType
- PmtHubUsrActSrchInfo_CType
- PmtHubUsrDirModRec_CType
- PmtHubUsrDirRec_CType
- PmtHubUsrDirRsInfo_CType
- x_PmtHubRecipCon_CType

The following arrays were created:

- CardAlrtArray_AType
- CardAlrtSubArray_AType
- CardAlrtThldArray_AType
- EFTCardArray_AType
- LegalEntitySrchRecArray_AType
- PmtHubRecipConArray_AType
- PmtHubUsrActSrchArray_AType
- PmtHubUsrDirRsArray_AType

The following simple elements were created or updated:

CardAlrtCatType

Identifies the category as related to an EFT card alert. Canonical values are:

- *Alrt*
- *Cntl*

CardAlrtCode

The code assigned to an alert for EFT cards.

CardAlrtDesc

The description of the code assigned to an alert for EFT cards.

CardAlrtRegionRadius

The radius of a region for card alert in meters.

CardAlrtRegionUsrDesc

The name given by a user to identify a card alert region.

CardAlrtThldActType

What is the activity status of a threshold as related to an alert? Canonical values are:

- *Act*
- *InAct*

CardAlrtThldCode

The code assigned to thresholds as related to an alert for EFT cards.

CardAlrtThldDesc

The description of the code assigned to thresholds as related to an alert for EFT cards.

CardAlrtThldVal

The value as related to thresholds.

CardAlrtUsrDesc

A description given to an alert supplied by the user.

CrUsrPmtSentType

Has a credit payment been sent to the user? Canonical values are:

- *True*
- *False*

ExpedPmtAlwType

Are expedited funds transfers allowed for this user? Canonical values are:

- *True*
- *False*

LegalEntityId

The customer's Legal Entity Identifier (LEI).

UsrDirId

The user directory identifier applied to a token.

2017.4.01 Updates

The following simple element was created or updated:

SvcDictFilterCode

Filters that can be used to provide the consumer a means to define the specific dictionary values for a specific service. Canonical values are:

- *AcctAdd:*
 - *AcctId*
 - *AcctType*
 - *BrCode*

- *ProdCode*
- *RegionCode*
- **AcctSweepAdd:**
 - *AcctId*
 - *AcctType*
- **BilPaySubInq:**
 - *MobPrvdCod*
- **BilPaySubMod:**
 - *MobPrvdCod*
- **CollatTrackAdd:**
 - *AcctId*
 - *AcctType*
 - *CollatCode*
 - *CollatDoc*
 - *CollatDocCode*
 - *CollatItem*
 - *CustId*
- **CRMActAdd:**
 - *CRMActType*
 - *OffInstRtId*
- **CRMActInq:**
 - *CRMActType*
- **CRMActMod:**
 - *CRMActType*
 - *OffInstRtId*
- **CRMEventAdd:**
 - *CRMEventType*
 - *CustId*
 - *EventCatCode*
 - *EventCatDesc*
 - *EventOffCode*
 - *EventPrivType*
 - *OffInstRtId*
 - *TaxId*
- **CRMEventInq:**

- *CRMEventType*
- *CRMEventMod:*
 - *CRMEventType*
 - *CRMEventId*
 - *CustId*
 - *EventCatCode*
 - *EventCatDesc*
 - *EventOffCode*
 - *EventPrivType*
 - *OffInstRtId*
 - *TaxId*
- *CRMReferAdd:*
 - *CustId*
 - *EventPrivType*
 - *OffInstRtId*
 - *ReferOffCode*
 - *TaxId*
- *CRMReferMod:*
 - *EventPrivType*
 - *OffInstRtId*
 - *ReferId*
 - *ReferOffCode*
- *CustRelAdd:*
 - *RelAcctType*
- *CustRelMod:*
 - *RelAcctType*
- *DocImgAdd:*
 - *DocImgIdxType*
- *EscrwAdd:*
 - *AcctType*
 - *EscrwTypeCode*
- *FASB91Add:*
 - *AcctId*
 - *AcctType*

- *FASB91Cat*
- *LnAppRgtrAdd:*
 - *AppDt*
- *LnAppRgtrAddValidate:*
 - *AppDt*
- *LnAppRgtrMod:*
 - *AppDt*
- *LnFeeAdd:*
 - *AcctId*
 - *AcctType*
 - *LnFeeCode*
- *LnUnitAdd:*
 - *AcctId*
 - *AcctType*
- *LobbyQueAdd:*
 - *BrCode*
- *StopChkAdd:*
 - *AcctId*
 - *AcctType*
 - *ProdCode*
 - *StopHldType*
- *TaxPlnAdd:*
 - *PlnCode*
- *TrnAdd:*
 - *AcctType*
 - *BrCode*
- *WireTmpItAdd:*
 - *WireAcctId*
 - *WireAcctType*
- *XferAdd:*
 - *FromAcctId*
 - *FromAcctType*
 - *ToAcctId*
 - *ToAcctType*

- *XferType*

2017.3.01 Updates

The following services were added:

- Call Log Inquiry
- Call Log Search

The following simple elements were created or updated:

AuthenEventType

The type of authentication that occurred at the call center switch. Canonical values are:

- *BypassAuthen*
- *CmplAuthen*
- *NoAuthen*
- *PartAuthen*

BenfOwnExclCode

The exclusion code for being exempt from FinCEN Customer Due Diligence (CDD) regulation.

BenfOwnExclDesc

The exclusion description for being exempt from FinCEN Customer Due Diligence (CDD) regulation.

BenfOwnId

Identifies which beneficial owner record.

BenfOwnType

The type of beneficial ownership as it relates to FinCEN Customer Due Diligence (CDD). Canonical values are:

- *Cntl* - Controlling individual/significant responsibility
- *Own* - Beneficial owners
- *CntlOwn* - Both controlling individual and beneficial owner

CallActCode

The code that represents activity that occurred on a call.

CallActDesc

The description of the code that represents activity that occurred on a call.

CallAutoNumId

The phone call automatic number identifier referred to the ANI.

CallFwdDesc

A description that identifies the forwarding of a call.

CallLogId

The identifier assigned to a call log entry.

CallRecvTimeDt

The time stamp date a call was received. The time is expressed in ISO 8601 time format and must contain either Zulu time or local time and the UTC offset. Format: [-]CCYY-MM-DDThh:mm:ss[Z|(+|-)hh:mm] Valid values include:

- 2001-10-26T21:32:52
- 2001-10-26T21:32:52+02:00
- 2001-10-26T19:32:52Z
- 2001-10-26T19:32:52+00:00
- 2001-10-26T21:32:52
- 2001-10-26T21:32:52.12679

Examples of the same moment:

- 18:30Z
- 22:30+04
- 1130-0700
- 15:00-03:30

See <https://www.w3.org/TR/NOTE-datetime> for further reference.

CntlIndivTitle

Title of the individual with significant responsibility to control, manage, or direct a legal entity customer, as defined by FinCEN Customer Due Diligence (CDD).

ExcOwnPct

The exception/override percentage for the legal entity customer, as it relates to FinCEN Customer Due Diligence (CDD).

ExcPctRsnCode

The exception/override percentage reason as it relates to FinCEN Customer Due Diligence (CDD).

ExcPctRsnDesc

The description for the reason of the exception/override percentage as it relates to FinCEN Customer Due Diligence (CDD) regulation.

IdVerifyAuthenPass

Did the identification used for authentication pass validation? Canonical values are:

- *false*

- *true*

IdVerifyCode

The identification code that is used to authenticate the customer.

IdVerifyQuery

A description of the query/question that could be used for customer/account identification purposes. Canonical values are:

- *ConDt*
- *DocType*
- *ExpDt*
- *IssDt*
- *IssLoc*
- *IssState*
- *VerifId*

IdVerifyRsnCode

The reason code the beneficial owner information was verified as it relates to FinCEN Customer Due Diligence (CDD).

IdVerifyRsnDesc

The description reason the beneficial owner information was verified as it relates to FinCEN Customer Due Diligence (CDD) regulation.

LangType

The language as defined by ISO 639-2 Language code list, available at http://www.loc.gov/standards/iso639-2/php/code_list.php. Canonical values are:

- *chi*
- *eng*
- *fre*
- *ger*
- *ita*
- *jpn*
- *kor*
- *pol*
- *por*
- *spa*
- *swe*
- *zho*

LegalEntityId

The customer's Legal Entity Identifier (LEI).

ReqLegalEntityType

Is this customer required to be reported as a legal entity? Canonical values are:

- *false*
- *true*

RmvBenflOwnDt

The date the beneficial owner was removed, as it relates to FinCEN Customer Due Diligence (CDD).

VerifyDt

Date of verification of beneficial owners as it relates to FinCEN Customer Due Diligence (CDD).

The following messages were created:

- CallLogInqRq_MType
- CallLogInqRs_MType
- CallLogSrchRq_MType
- CallLogSrchRs_MType

The following messages were updated:

- CustAcctRelInqRq_MType
- CustAcctRelInqRq_MType
- CustRelAddRq_MType
- CustRelAddRs_MType
- CustRelModRq_MType

The following complexes were created:

- AuthenIdVerify_CType
- BenflOwnInfo_CType
- BenflOwnRec_CType
- CallActInfoRec_CType
- CallLogInfoRec_CType
- CallLogInqInfoRec_CType
- CallLogSrchRec_CType

The following complexes were updated:

- CustAcctRelInqRec_CType
- CustRelRec_CType
- RegDetail_CType

- `x_RegDetail_CType`

The following arrays were created:

- `AuthenIdVerify_AType`
- `CallActArray_AType`
- `CallLogSrchArray_AType`

2017.2.01 Updates

The following simple element was created or updated:

PhoneNumDsp

Phone Number Display, based on format codes which may include special formatting. Examples include:

- `(XXX)XXX-XXXX`
- `XXX-XXX-XXXX`
- `XXX/XXX/XXXX`
- `XXX.XXX.XXXX`
- `XXX-XXX-XXXXXX`
- `XXXXX-XXX-XXX-XXXX`

The following complex was updated:

- `PhoneInfo_CType`

2017.0.03 Updates

The following message was updated:

- `PingRs_MType`

The following complex was updated:

- `PingAllInfoRec_CType`

2017.0.02 Updates

The following complex was updated:

- `x_PersonName_CType`

2017.0.01 Updates

The following messages were updated:

- `CRMEventSrchRq_MType`

- CRMReferSrchRq_MType

The following complexes were updated:

- CRMEventSrchRec_CType
- CRMReferSrchRec_CType

2016.0.09 Updates

The following messages were updated:

- CRM CustSrchRq_MType
- CRM CustSrchRs_MType

The following simple elements were created or updated:

CondNotf

The conditions that exist on an account or customer to notify the consumer to use another service. Canonical values are:

- *AcctAnlys*
- *AcctCombStmt*
- *AcctProdOvrrd*
- *AcctRecon*
- *AcctSweep*
- *ACHEDI*
- *AddrAcct*
- *AddrIRSRpt*
- *AddrNot*
- *AddrOvrrd*
- *AddrPmts*
- *AddrSeasonal*
- *AddrStmt*
- *AlertMsg*
- *CollatMsg*
- *CollatTrack*
- *ColMsg*
- *EnhAcctAnlys*
- *Escrw*
- *FASB91*
- *FraudAlert*
- *InstDefFld*

- *LnPmtSched*
- *LnRateSched*
- *LnUnit*
- *LineOfCr*
- *MemoPost*
- *Msg*
- *ODProt*
- *PlnBenf*
- *RateSwap*
- *RealEstateProp*
- *StopAlerts*
- *StopHold*
- *StopPay*
- *Stops*
- *StopSpecInstr*
- *TimeDepRenOvrrd*
- *XferACH*
- *XferFut*

TierRateOrder

The sequential order of rates in tier rate arrangement.

TierRateType

Used to identify the type of interest rate tier. Canonical values are:

- *Fixed*
- *Renew*
- *Vrbl*

WorkflowProcStat

The element indicating whether a record is under the control of a workflow process. Canonical values are:

- *false*
- *true*

The default value is *false*.

The following complex was created:

- `x_CondNotfInfoRec_CType`

The following complexes were updated:

- `AcctSrchRec_CType`

- CRM CustSrchRec_CType
- CRMEventInfoRec_CType
- CRMReferInfoRec_CType
- IntRateTierRec_CType
- x_IntnetInfoRec_CType

2016.0.08 Updates

The following messages were updated:

- CRMProspSrchRq_MType
- CRMProspSrchRs_MType

The following complex element was updated:

- CRMProspSrchRec_CType

2016.0.07 Updates

The following simple elements were created or updated:

OptCode

The opt-out code.

OptDesc

The description of the opt-out code.

The following arrays were created:

- CRMOptInfoArray_AType
- x_CRMRelActArray_AType

The following complexes were updated:

- CRMEventInfoRec_Ctype
- CRMEventSrchRec_CType
- CRMProspInfoRec_CType
- CRMEventInqRec_CType
- CRMReferInfoRec_CType

The following complexes were created:

- CRMOptInfo_CType
- CRMRelActInfoRec_CType

The following messages were updated:

- CRMEventInqRq_MType
- CRMEventSrchRq_MType
- CRMEventSrchRs_MType
- CRMReferSrchRq_MType
- CRMReferSrchRS_MType

2016.0.06 Updates

The following new messages were created:

- IntnetFinInstIdAcctAccessInqRq_MType
- IntnetFinInstIdAcctAccessInqRs_MType

The following simple elements were created or updated:

AccessStat

The status of the internet financial institution identification access. Canonical values are:

- *Fail*
- *Ovrrd*
- *Success*

SvcDictName

The name of the service to obtain data dictionary definitions.

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*
- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallInq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmntAdd*
- *AcctCombStmntInq*
- *AcctCombStmntMod*

- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*
- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*
- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*
- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*
- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*
- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*
- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*

- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*
- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*
- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*
- *BilPaySubSrch*
- *BrdCstSrch*
- *ChkImgInq*
- *ChkImgStmntGen*
- *ChkImgStmntGenInq*
- *ChkImgStmntSrch*
- *ColAdd*
- *CollInq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*
- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollInq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*

- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlnq*
- *CustInfoMsglnq*
- *Custlnq*
- *CustMod*
- *CustMsgAdd*
- *CustMsglnq*
- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*
- *CustRellnq*
- *CustRelMod*
- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPpersonProdDictlnq*
- *EDPPPpersonProdMod*
- *EDPPPpersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnlnq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*
- *EFTCardImgIdMod*
- *EFTCardImgIdSrch*
- *EFTCardlnq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*

- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*
- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*
- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*
- *FASB91Add*
- *FASB91AddValidate*
- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfoInq*
- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtId*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*

- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*
- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*
- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*
- *LnFeeSrch*
- *LnLiabInq*
- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmAppInq*
- *LnPltfmProdSrch*
- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcpInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*
- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAdd*
- *LOCAddValidate*
- *LOCConstInProcAdd*
- *LOCConstInProclnq*

- *LOCConstInProcMod*
- *LOCConstInProcSrch*
- *LOCMod*
- *LOCSrch*
- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*
- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*
- *MFASecdRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrConsmCredAdd*
- *MFAUsrConsmCredInq*
- *MFAUsrConsmCredMod*
- *MFAUsrConsmCredSrch*
- *MFAUsrQnAAdd*
- *MFAUsrQnAInq*
- *MFAUsrQnAMod*
- *MFAUsrQnAMod*
- *MFAUsrQnAValidate*
- *MFAWaterMarkSrch*
- *MLLMasterRelAdd*
- *MLLMasterRelInq*
- *MLLMasterRelMod*
- *MLLRelSrch*
- *MLLTrancheRelAdd*
- *MLLTrancheRelInq*

- *MLLTranchRelMod*
- *NewAcctSrch*
- *NSFHistSrch*
- *ODISvcCred*
- *ODPrvlgHistSrch*
- *OFACSrch*
- *PersonNameMod*
- *PingAll*
- *PltfmAppAdd*
- *PltfmAppInq*
- *PltfmAppSrch*
- *PltfmProdInq*
- *PltfmStatInq*
- *PltfmStatInq*
- *PltfmStatMod*
- *PosPayItemInq*
- *PosPayItemInq*
- *PosPayItemMod*
- *PromoXferAdd*
- *PromoXferInq*
- *PromoXferMod*
- *PromoXferSrch*
- *PubWorkflowSrch*
- *RealEstatePropAdd*
- *RealEstatePropMod*
- *RealEstatePropSrch*
- *RelaEstatePropAddValidate*
- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*

- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*
- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*
- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*
- *TaxPlnBenfSrch*
- *TaxPlnInq*
- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*
- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*
- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*

- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*
- *WireComplInq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*
- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*
- *WireDrwdwnTrnTpltMod*
- *WireHistSrch*
- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*
- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstISOTmplMod*
- *WireTrnInq*
- *WireTrnISOAdd*
- *WireTrnISOTmplMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOMod*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*

- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*
- *XferSrcDestSrch*
- *XferSrch*

The following complex was updated:

- `CRMProspInfoRec_CType`

2016.0.05 Updates

The following messages were updated:

- `CustInqRs_MType`
- `CustAddRq_MType`
- `CustModRq_MType`

The following simple elements were created or updated:

CustCrtRsnCode

The code that conveys the reason the customer was created.

CustCrtRsnDesc

The description of the code that conveys the reason the customer was created.

The following complexes were updated:

- `CRMEventInfoRec_CType`
- `CustDetail_CType`

2016.0.04 Updates

The following new service was created:

- Platform Product Inquiry

The following messages were created:

- `PltfrmProdInqRq_MType`
- `PltfrmProdInqRs_MType`

The following simple elements were created or updated:

AlwRateLockType

Allow interest rate locking for the loan product. Canonical values are:

- *false*
- *true*

DiscType

The discount type. Canonical values are:

- *Dep*
- *Emp*
- *AutoPmt*

LnCapBasisType

Defines the index/rate referenced when setting the Loan Rate Cap. Canonical values are:

- *Mkt*
- *Initial*

LnRegCode

The code that describes the state or federal legislation/regulation that pertains to the loan product.

LnRegDesc

The description of the code that describes the state or federal legislation/regulation that pertains to the loan product.

LnTraitType

Elements describing the multitude of characteristics that help define a loan product. Canonical values are:

- *ARM*
- *ARMConv*
- *AutoPayOffer*
- *ConstOnly*
- *ConstPerm*
- *CrBur*
- *CrIns*
- *Direct*
- *Escrw*
- *HELOC*
- *IntitialRateOffer*
- *PPOddDayInt*
- *RE*
- *Revol*

- *RiskMgmt*

PeriodCapBasisType

Defines how often the period cap is referenced. Canonical values are:

- *Ann*
- *PerAdj*

PltfmProdlmg

The primary image associated with the platform product.

PltfmProdlmgFormatType

Identifies the type of file that contains the Platform Product image. Canonical values include:

- *JPG*
- *TIFF*
- *GIF*
- *PNG*
- *BMP*

PmtRoundMthd

The payment rounding method for rounding newly calculated values.

PmtRoundToPct

The increment to round newly calculated payments.

ProdSvcOptCode

Service options available for the product offered.

ProdSvcOptDesc

Descriptions of the service options available for the product.

PrstlmgFormatType

Identifies the type of file that contains the platform product image. Canonical values include:

- *JPG*
- *TIFF*
- *GIF*
- *PNG*
- *BMP*

PrstHTML

An HTML formatted platform product presentation that can be used by consumers to display a webpage. This element requires CDATA markup due to the possibility of HTML formatting containing invalid characters.

PrstImg

For *IMG* types - the image date.

RateChgDayOfMonth

Identifies the day of the month on which a rate change can occur.

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*
- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallInq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmtAdd*
- *AcctCombStmtInq*
- *AcctCombStmtMod*
- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*
- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*
- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*
- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*
- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*

- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultiInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*
- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*
- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*
- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*
- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*
- *BilPaySubSrch*
- *BrdCstSrch*
- *ChkImgInq*
- *ChkImgStmtGen*
- *ChkImgStmtGenInq*
- *ChkImgStmtSrch*

- *ColAdd*
- *Collnq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*
- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollnq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*
- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlnq*
- *CustInfoMsgInq*
- *CustInq*
- *CustMod*
- *CustMsgAdd*
- *CustMsgInq*
- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*
- *CustRelInq*
- *CustRelMod*
- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPpersonProdDictInq*

- *EDPPPPersonProdMod*
- *EDPPPPersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnInq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*
- *EFTCardImgIdMod*
- *EFTCardImgIdSrch*
- *EFTCardInq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*
- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*
- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*
- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*
- *FASB91Add*
- *FASB91AddValidate*
- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfoInq*

- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtId*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*
- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*
- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*
- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*
- *LnFeeSrch*
- *LnLiabInq*
- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmAppInq*
- *LnPltfmProdSrch*

- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcpInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*
- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAdd*
- *LOCAddValidate*
- *LOCConstInProcAdd*
- *LOCConstInProcInq*
- *LOCConstInProcMod*
- *LOCConstInProcSrch*
- *LOCMod*
- *LOCSrch*
- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*
- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*
- *MFASecdRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*

- MFATokenUsrAdd
- MFATokenUsrInq
- MFATokenUsrMod
- MFATokenValidate
- MFAUsrConsmCredAdd
- MFAUsrConsmCredInq
- MFAUsrConsmCredMod
- MFAUsrConsmCredSrch
- MFAUsrQnAAdd
- MFAUsrQnAInq
- MFAUsrQnAMod
- MFAUsrQnAMod
- MFAUsrQnAValidate
- MFAWaterMarkSrch
- MLLMasterRelAdd
- MLLMasterRelInq
- MLLMasterRelMod
- MLLRelSrch
- MLLTrancheRelAdd
- MLLTrancheRelInq
- MLLTranchRelMod
- NewAcctSrch
- NSFHistSrch
- ODISvcCred
- ODPrvlgHistSrch
- OFACSrch
- PersonNameMod
- PingAll
- PltfmAppAdd
- PltfmAppInq
- PltfmAppSrch
- PltfmProdInq
- PltfmStatInq
- PltfmStatInq
- PltfmStatMod
- PosPayItemInq
- PosPayItemInq

- *PosPayItemMod*
- *PromoXferAdd*
- *PromoXferInq*
- *PromoXferMod*
- *PromoXferSrch*
- *PubWorkflowSrch*
- *RealEstatePropAdd*
- *RealEstatePropMod*
- *RealEstatePropSrch*
- *RelaEstatePropAddValidate*
- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*
- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*
- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*
- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*
- *TaxPlnBenfSrch*
- *TaxPlnInq*
- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*

- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*
- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*
- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*
- *WireCompInq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*
- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*
- *WireDrwdwnTrnTpltMod*
- *WireHistSrch*
- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*

- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstISOtmpltMod*
- *WireTrnInq*
- *WireTrnISOAdd*
- *WireTrnISOtmpltMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOMod*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*
- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*
- *XferSrcDestSrch*
- *XferSrch*

SvcFeePct

The service fee percentage.

TaxFavProdType

Whether the product represents a tax favored product type. Canonical values are:

- *false*
- *true*

WebPgURL

The URL designed for a webpage.

The following arrays were created:

- ConDetailArray_AType
- CrossSellProdArray_AType
- DiscArray_AType
- ItemTruncArray_AType
- ListTextArray_AType
- LnRegInfoRec_CType
- PmtCodeArray_AType
- PmtCodeInfoRec_CType
- ProdCompareArray_AType
- ProdFeeArray_AType
- ProdSvcOptArray_AType
- x_ImgItemsArray_AType
- x_ListItemsArray_AType
- x_TextItemsArray_AType
- x_WebPgArray_AType

The following complexes were created:

- ConDetail_CType
- CrossSellProdInfoRec_CType
- DepItems_CType
- DiscInfoRec_CType
- ImgItemsInfoRec_CType
- ItemTruncInfoRec_CType
- ListItemsInfoRec_CType
- ListTxtInfoRec_CType
- LnItems_CType
- LnRegInfoRec_CType
- PltfrmProdInqRec_CType
- PltfrmProdInfoRec_CType
- PmtCodeInfo_CType
- ProdCompareInfoRec_CType
- ProdFeeInfoRec_CType
- ProdSvcOptInfo_CType
- SafeBoxItems_CType
- TextItemsInfoRec_CType
- TimeDepItems_CType

- WebPgInfoRec_CType
- x_ConDetail_CType

2016.0.01 Updates

The following complex was updated:

- CustSrchRec_CType

The following message was updated:

- CustSrchRq_MType

2015.0.07 Updates

The following message was updated:

- CustSrchRq_MType

2014.0.05 Updates

The following simple element was created:

- **NetWorthAmt**

The following complexes were updated:

- BusDetail_CType
- LnAcctInfo_CType

The following simple element was scheduled for deprecation:

- **NetWorth**

2014.0.04 Updates

The following simple elements and their canonical values were created:

- **CitzCntryType**
- **FornTaxId**
- **GIINCertDt**
- **GIINDt**
- **GIINId**
- **RptChapExst**
 - *false*
 - *true*
- **RptChapType**

- 3
- 4

The following complex was created:

- RptChapInfoRec_CType

The following array was created:

- RptChapArray_AType

The following complex was updated:

- Alien_CType

2013.1.01 Updates

The following complex was updated:

- BusDetail_CType

2012.1.02 Updates

The following message was updated:

- CustSrchRq_MType

2011.1.01 Updates

The following new simple elements and their canonical values were created:

- ActIntent
 - *Dlt*
 - *ReadOnly*
 - *Upd*
- ActIntentKey

The following messages were updated:

- CustInqRq_MType
- CustInqRs_MType
- CustModRq_MType

2011.1 Updates

The following new simple elements were created:

- AddrCat
- SalesPersonDesc

- `SrchAddr`
- `SrchCity`

The following message was updated:

- `CustSrchrq_MType`

The following complexes were updated:

- `CustSrchrCType`
- `x_BusDetail_CType`

The following simple elements were updated to include the `SrchType` attribute:

- `ComName`
- `EFTCardNum`
- `FirstName`
- `LastName`
- `MiddleName`
- `PhoneNum`
- `TaxId`

2009.1 Updates

The following new simple elements were created:

- `AnnIncmAmt`
- `AssetTotAmt`
- `EducLvl`
- `EmplTitle`

The following complexes were updated:

- `ACHXferRec_CType`
- `CustDetail_CType`
- `CustSrchrq_MType`
- `FASB91ModRq_MType`
- `FutXferRec_CType`
- `HouseHoldMbrArray_AType`
- `HouseHoldMbrInfo_CType`
- `LnAdd_CType`
- `LnMod_CType`
- `PltfrmAppAddRq_MType`

- `PltfrmLnAppAdd_CType`
- `RealEstatePropAddRq_MType`
- `RealEstatePropRec_CType`

2009.0 Updates

The behavior has been modified for the following services:

- `CustAdd.`
- `CustInq.`
- `CustMod.`

The following complex was updated:

- `BusDetail_CType`

The following new simple element was created:

- `LangType`

2008.1 Updates

The following new complexes were created:

- `AddrLineInfo_CType`
- `CondNotfInfo_CType`
- `IncXtendElemInfo_CType`

The following new array was created:

- `CustSrchRecArray_AType`

The following complexes were updated:

- `CondNotfArray_AType.`
- `CustSrchRs_MType.`
- `ErrOvrRdInfoArray_AType.`
- `FreeFormAddr_AType.`
- `IncXtendElemArray_AType.`
- `MsgRsHdr_CType.`
- `SrchMsgRsHdr_CType.`

2008.0 Updates

The following new simple elements were created:

- `AlienW8ExpDt`

- AlienW8Stat
- AlienW8StatDesc
- AlienW8Type

The following complex was updated:

- Alien_CType

2007.2 Updates

The following new complexes were created:

- BankRptcyInfoRec_CType
- IntnetFinInstIdArrayInfo_CType
- OffInfoRec_CType
- SpousName_CType
- TaxIdOwnerName_CType

The following new arrays were created:

- IntnetFinInstIdArray_AType
- OffInfoArray_AType

The following new simple elements were created:

- AlienTypeCode
- AlienTypeDesc
- BnkRptcyCaseId
- BnkRptcyChapCode
- BnkRptcyChapDesc
- BnkRptcyDisChgDt
- BnkRptcyDt
- BnkRptcyFileCode
- BnkRptcyFileDesc
- HouseHoldName
- HouseHoldNum
- IntnetFinInstId
- IntnetFinInstIdName
- OffCodeText

The following complexes were updated:

- Alien_CType

- `BusDetail_CType`
- `CustDetail_CType`
- `CustRec_CType`
- `CustSrchRec_CType`
- `CustSrchRq_MType`
- `TINInfo_CType`

2007.0 Updates

In the 2007.0 version of jXchange, an optional complex element has been added to the Customer Inquiry Response to verify identification. The optional complex `x_IdVerify_CType` is available on request by the third-party consumer for the service provider to include verification of various identifications within the response message.

There are no simple elements within the `x_IdVerify_CType`, which only contains the `IdVerifyArray_AType`. The `IdVerifyArray_AType` array contains one or more of the `IdVerify_CTypes`, which contain the following simple and array elements:

- `IdIssueBy` - Individual who issued the identification value `IdVerifyId`. This element is optional.
- `IdVerifyBy` - Individual who verified the authenticity of the identification value `IdVerifyId`. This element is optional.
- `IdVerifyCode` - Identification code used to authenticate the customer. This element is optional.
- `IdVerifyDesc` - Description of the identification code used to authenticate the customer. This element is optional.
- `IdVerifyQueryArray` - Array of identification query/questions and their respective values for customer/account verification. This element is optional.
- `IdVerifyVal` - Identification value used to authenticate the customer. This element is optional.

The `IdVerifyQueryArray` contains one or more `IdVerifyQueryInfo_CTypes`, each containing the following simple elements:

- `IdVerifyQuery` - Description of the query/question that could be used for customer/account identification purposes. Canonical values include: *IssLoc*, *IssDt*, *ExpDt*, *ConDt*, *IssState*, *VerifId*. This element is optional.
- `IdVerifyQueryDataType` - Identifies what type of attribute corresponds with the `IdVerifyQueryVal`. This element is optional.

- `IdVerifyQueryVal` - Value that corresponds with the description of the query/question `IdVerifyQuery` that could be used for customer/account identification purposes. This element is optional.

The changes identified above are reflected in the 2007.0 version of the JIS Customer Master XSD (`JIS_CustomerMaster.xsd`).

Document Image Capture Services Updates

This topic explains the updates to this service.

2024.2.03 Updates

The following message was updated:

- `DocElecRcptInqRs_MType`

The following complex was created:

- `x_ElecDocLocInfo_CType`

2022.0.04 Updates

The following service was added:

- Document Electronic Signature Assignee Modification

The following messages were created or updated:

- `DocElecRcptInqRq_MType`
- `DocElecRcptInqRs_MType`
- `DocElecSigAddRq_MType`
- `DocElecSigAssigneeModRq_MType`
- `DocElecSigAssigneeModRs_MType`

The following complex elements were created or updated:

- `DocElecRcptSigInfo_CType`
- `DocElecSigAssigneeInfo_CType`
- `ElecSigLocInfo_CType`

The following simple elements were created or updated:

DocColStat

The status of a collection of documents. Canonical values are:

- `Draft`

- Sent
- Completed
- Declined
- Signed
- Voided

The default value is *Draft*.

ElecSigLocId

The identifier given to a document location for signing.

2022.0.03 Updates

The following simple element was updated:

DocImgFilterType

The type of predefined filters that convey image filters understood by the image provider. Canonical values are:

- *qry_account_payable*
- *qry_cd*
- *qry_club*
- *qry_commercial_loan*
- *qry_consumer_loan*
- *qry_customer*
- *qry_customer_tin*
- *qry_demand_deposit*
- *qry_demand_loan*
- *qry_gl*
- *qry_loan*
- *qry_mortgage_loan*
- *qry_overdraft*
- *qry_photo_id*
- *qry_safe_deposit*
- *qry_savings*
- *qry_sig_id*
- *qry_LOC*
- *qry_In*
- *qry_mr*
- *qry_In_ap*
- *qry_cr_rpt*

- *qry_ap*
- *qry_in_loanap*
- *qry_chk*
- *qry_collateral*
- *qry_collateral_doc*
- *qry_ctr_num*
- *qry_ctr*
- *qry_dealer*
- *qry_id_mm*
- *qry_received_item*
- *qry_amth_share_draft*
- *qry_amth_loan_draft*
- *qry_amth_loan_receipt*
- *qry_amth_share_receipt*
- *qry_ttnm_id*
- *qry_id*

Synergy accepts any combination of the indexes referenced for each annotated predefined query name. The more specific index reduces the response set of document images.

The following document image indexes can be captured with the *qry_demand_deposit*:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer

The following document image indexes can be captured with the *qry_savings*:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened

- BranchNumber
- Officer

The following document image indexes can be captured with the qry_club:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer

The following document image indexes can be captured with the qry_cd:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer

The following document image indexes can be captured with the qry_loan:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- Coborrower1Name
- Coborrower1SSN
- Coborrower2Name
- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered

- LoanDealerNumber
- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_consumer_loan:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- Coborrower1Name
- Coborrower1SSN
- Coborrower2Name
- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered
- LoanDealerNumber
- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_demand_loan:

- AccountNumber
- CIFNumber
- TaxID

- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- Coborrower1Name
- Coborrower1SSN
- Coborrower2Name
- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered
- LoanDealerNumber
- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_commercial_loan:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- Coborrower1Name
- Coborrower1SSN
- Coborrower2Name
- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered
- LoanDealerNumber

- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_mortgage_loan:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- Coborrower1Name
- Coborrower1SSN
- Coborrower2Name
- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered
- LoanDealerNumber
- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_safe_deposit:

- AccountNumber
- CIFNumber
- TaxID
- Name

- ShortName
- BranchNumber

The following document image indexes can be captured with the qry_customer:

- MemberNumber
- CIFNumber
- TaxID
- Name
- ShortName

The following document image indexes can be captured with the qry_customer_tin:

- MemberNumber
- CIFNumber
- TaxID
- Name
- ShortName

The following document image index can be captured with the qry_gl:

- AccountNumber

The following document image index can be captured with the qry_account_payable:

- VendorNumber

The following document image indexes can be captured with the qry_sig_id:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer

The following document image indexes can be captured with the qry_photo_id:

- CIFNumber
- TaxID

The following document image index can be captured with the qry_overdraft:

- AccountNumber

The following document image index can be captured with the qry_id:

- TaxId

The following document image indexes can be captured with the qry_ln:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_loan:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_mr:

- AccountNumber
- ShareId

The following document image indexes can be captured with the qry_ln_ap:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_ln_loanap:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_ln_ap:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_cr_rpt:

- AccountNumber
- RequestDate
- TaxId

The following document image indexes can be captured with the qry_ap:

- VendorNumber
- VendorName

The following document image indexes can be captured with the qry_chk:

- AccountNumber
- PostDate

- Amount
- CheckNumber

The following document image index can be captured with the qry_collateral:

- AccountNumber

The following document image indexes can be captured with the qry_collateral_doc:

- AccountNumber
- DocumentNumber

The following document image index can be captured with the qry_ctr_num:

- AccountNumber

The following document image index can be captured with the qry_ctr:

- TaxId

The following document image indexes can be captured with the qry_dealer:

- LoanDealerNumber
- VendorName

The following document image indexes can be captured with the qry_id_mm:

- Name
- TaxId

The following document image indexes can be captured with the qry_received_item:

- AccountNumber
- PostDate
- CheckNumber

The following document image indexes can be captured with the qry_amth_share_draft:

- MicrAccountNumber
- PostDate
- CheckNumber

The following document image indexes can be captured with the qry_amth_loan_draft:

- MicrAccountNumber
- PostDate

- CheckNumber

The following document image indexes can be captured with the qry_amth_loan_receipt:

- AccountNumber
- LoanId
- PostDate
- SequenceNumber

The following document image indexes can be captured with the qry_amth_share_receipt:

- AccountNumber
- ShareId
- PostDate
- SequenceNumber

The following document image index can be captured with the qry_ttnm_Id:

- TaxId

The following document image index can be captured with the qry_photo_Id:

- TaxId

The following document image index can be captured with the qry_sig_Id:

- TaxId

2022.0.01 Updates

The following service was added:

- Document Image Attachment Inquiry

The following messages were created or updated:

- DocImgAttachInqRq_MType
- DocImgAttachInqRs_MType
- DocImgSrchRq_MType

The following complex element was created:

- DocImgAttachInfo_CType

The following array was created:

- DocImgAttachInqArray_AType

The following simple elements were created or updated:

AttachImg

The document attachment image.

AttachPkg

The document attachment package.

InclDocCropZoneType

Should the document image be returned with the crop zone? Canonical values are:

- *true*
- *false*

2021.0.05 Updates

The following complex element was updated:

- `DocBatchSrchInfo_CType`

2021.0.04

The following messages were updated:

- `DocBatchSrchRq_MType`
- `DocBatchSrchRs_MType`

The following simple element was created:

StmntDivryMthd

The method of final delivery for account statements or documents. Canonical values include:

- *All*
- *CDDoc*
- *eDoc*
- *PrtDoc*

2021.0.03 Updates

The following services were added:

- Item Capture Addition
- Item Capture Item Inquiry
- Item Capture Status Addition
- Item Capture Transaction Set Modification
- Item Capture Transaction Set Inquiry

The following messages were created:

- ItemCapAddRq_MType
- ItemCapAddRs_MType
- ItemCapItemInqRq_MType
- ItemCapItemInqRs_MType
- ItemCapStatAddRq_MType
- ItemCapStatAddRs_MType
- ItemCapTrnSetInqRq_MType
- ItemCapTrnSetInqRs_MType
- ItemCapTrnSetModRq_MType
- ItemCapTrnSetModRs_MType

The following complex elements were created:

- ItemCapImgInfo_CType
- ItemCapInfo_CType
- ItemCapInfoRec_CType
- ItemCapTrnSetInqRec_CType
- ItemCapTrnSetStatInfo_CType
- ItemCapTrnSetStatRsInfo_CType
- MICRInfo_CType
- TrnSetInfoRec_CType

The following arrays were created:

- ItemCapAddRsArray_AType
- ItemCapInfoArray_AType
- ItemCapTrnSetStatArray_AType
- TrnSetInfoArray_AType

The following simple elements were created or updated:

ConsmTrnSetId

The transaction set identifier supplied by the consumer related to the consumer's business activity.

ConsmTrnSetStat

Describes the consumer-defined status of a transaction set. Canonical values are:

- *Dlt*
- *Sent*

DrCr

Either debit or credit. Canonical values are:

- *Dr*
- *Cr*

This element is a hybrid enumeration.

ItemCapCrPostAmt

The total credit amount of transactions on a given business day.

ItemCapCrPostCnt

The total count of credit transactions on a given business day.

ItemCapDrPostAmt

The total debit amount of transactions on a given business day.

ItemCapDrPostCnt

The total count of debit transactions on a given business day.

ItemCapStatType

The status of the item capture. Canonical values are:

- *Act*
- *Cmplt*
- *Inact*
- *ReOpen*

ItemImportStat

The status of the item import. Canonical values are:

- *Fail*
- *Success*

MICRLine

The magnetic ink recognition numbers and/or characters displayed on a check or other negotiable documents.

MICR is an acronym for Magnetic Ink Character Recognition. It refers to the formulation of toner used to print the specialized font at the bottom of checks and other negotiable documents.

PrvdTrnSetStat

Describes the provider-defined status of a transaction set. Canonical values are:

- *Dlt*
- *Missing*
- *NotDlt*
- *NotListed*
- *OutOfBal*
- *Pend*
- *Proc*

TrnSetCapType

The transaction set capture type. Canonical values are:

- *ImgOnly*
- *InClearing*
- *POD*
- *TestInClearing*
- *TestPOD*

TrnSetStat

Describes the status of a transaction set. Canonical values are:

- *Cmplt*
- *Fail*
- *Pend*

2020.0.1 Updates

The following complex was updated:

- `DocImgIdx_CType`

The following simple elements were created or updated:

DocImgAlgSymb

The algebraic symbol for the document index ranges. Canonical values are:

- *EQ*
- *GT*
- *GE*
- *LT*
- *LE*
- *NE*

DocImgIdxOrder

The document image order for image ranges.

2019.0.04 Updates

The following service was migrated from JH to TPG:

- Electronic Document Inquiry

2018.0.02 Updates

The following complex was created:

- `DocElecAuditImgInfo_CType`

The following array was created:

- `x_DocElecAuditImgArray_AType`

The following messages were updated:

- `DocElecRcptInqRq_MType`
- `DocElecRcptInqRs_MType`

2017.0.03 Updates

The following services were added:

- Document Electronic Inquiry
- Document Electronic Receipt Inquiry

The following messages were created:

- `DocElecInqRq_MType`
- `DocElecInqRs_MType`
- `DocElecRcptInqRq_MType`
- `DocElecRcptInqRs_MType`

The following simple elements were created or updated:

DocElecRcptStatDesc

The description of the status of document receipt.

DocElecRcptStat

The status of document receipt. Canonical values are:

- *Aborted*
- *Archived*
- *Comp*
- *Del*
- *Exp*

- *ImgPend*
- *InProcess*
- *Submit*
- *Unknown*

DocElecTimeDt

The date and timestamp of the receipt. The time is expressed in ISO 8601 time format and must contain either Zulu time or local time and the UTC offset. Format: [-]CCYY-MM-DDThh:mm:ss[Z|(+|-)hh:mm] Valid values include:

- 2001-10-26T21:32:52
- 2001-10-26T21:32:52+02:00
- 2001-10-26T19:32:52Z
- 2001-10-26T19:32:52+00:00
- 2001-10-26T21:32:52
- 2001-10-26T21:32:52.12679

Examples of the same moment:

- 18:30Z
- 22:30+04
- 1130-0700
- 15:00-03:30

See <https://www.w3.org/TR/NOTE-datetime> for further reference.

DocSigStat

The status of the signatures as related to the document. Canonical values are:

- *Sign*
- *UnSign*

DocSigType

The type of signature requested for a document. Canonical values are:

- *Local*
- *Remote*

ElecDocType

The type of electronic document. Canonical values are:

- *Doc*
- *Attach*

NxtSigInProcessType

Answers the question: Is this the signature next in the workflow of pending signatures for documents? Canonical values are:

- *false*
- *true*

The following complexes were created:

- DocElecInqInfo_CType
- DocElecRcptSigInfo_CType
- DocElecRcptInqInfo_CType

The following arrays were created:

- DocElecRcptSigArray_AType
- DocElecRcptInqArray_AType

2016.0.10 Updates

The following services were added:

- Document Batch Search
- Document Text Format Inquiry
- Document Option Format Inquiry
- Format Document Inquiry

The following messages were created:

- DocBatchSrchRq_MType
- DocBatchSrchRs_MType
- DocTextFormatInqRq_MType
- DocTextFormatInqRs_MType
- DocOptFormatInqRq_MType
- DocOptFormatInqRs_MType
- FormatDocInqRq_MType
- FormatDocInqRs_MType

The following simple elements were created or updated:

AllUpCaseType

Per-line force letters to be upper case. Canonical values are:

- *false*
- *true*

AltColorBreakPt

The element controlling alternating line coloring on statements or other documents.

Batch Id

Field used to identify a collection of documents in a processing run.

BoldType

Per-line print setting - bold. Canonical values are:

- *false*
- *true*

ButtonLocCode

The button location used to drive the location of hyperlinks. The integer values may represent the following:

- 0 - no button
- 1 - button on top of first page
- 2 - button on bottom of first page
- 3 - button on right side of first page
- 4 - button on left side of first page
- 5 - button on separate page

ButtonLocDesc

The description of the code that references button location used to drive the location of hyperlinks.

DftMktgInsertType

Identifies the default marketing insert related to a document. Canonical values are:

- *false*
- *true*

DocDtId

Describes the date or key data related to the generation of a document.

DocFileId

The type of physical file associated with a document.

DocId

Document name, number, or other identifying value.

DocImgBytes

The size of a document in bytes (base = *xsd:long*) versus **DocImgSize_Type** (base = *xsd:int*).

DocPgCnt

The count of pages contained in a PDF.

DrwBandType

Answers the question: draw background color around a block of text? Canonical values are:

- *false*
- *true*

DrwBorderType

Draw border. Canonical values are:

- *false*
- *true*

ElecDocActType

Indicates whether an electronic document is currently active for the FI.

EndBorderBlkId

Indicates the end of a border around the block of code.

ExtraTopLines

Value indicating the number of extra blank lines needed to move the body of printed text lower on a page.

FontName

The font name.

FontSize

The font size.

Height

Sets the height of an element.

ImgCnt

The count of images within a batch of generated documents.

ImgMissingType

Determines if images are missing from the document. Canonical values are:

- *false*
- *true*

ItalicType

Per-line print setting - italic. Canonical values are:

- *false*
- *true*

LineAttrbtId

A lookup key for processing XML documents.

MarginId

A property used to set the margin properties.

MaxBytes

The maximum number of bytes to return in each response.

MktgInsertCode

The marketing insert code.

MktgInsertDesc

The marketing insert code description.

MoreBytes

Indicates if there are more bytes that could be returned. Canonical values are:

- *false*
- *true*

PgNumLocCode

The page number location code. The integer values may represent the following:

- 0 - no page number
- 1 - page number at top left
- 2 - page number at top center
- 3 - page number at top right
- 4 - page number at bottom left
- 5 - page number at bottom center
- 6 - page number at bottom right

PgNumLocDesc

The description of the code that references the page number location.

PrtOffset

The print offset.

RGBColorId

The RGB, HSL, or CMYK color value.

RmvString

Per-line enter the search value for characters to replace with an empty string.

RmvTopLineType

Remove top lines to move the body of printed text higher on a page. Canonical values are:

- *false*

- *true*

SelCode

The code to use as part of a select statement.

SentBytes

Number of bytes sent in the response.

StartBorderBlkId

This element indicates the start of a border around a block of code.

StmtContentType

Identifies content to include when a statement of other documents is returned.

Canonical values are:

- *Full*
- *TextOnly*

The default value is *Full*.

StmtDivryType

Identifies how a statement of other documents is returned. Canonical values are:

- *FileLoc*
- *InLine*

The default value is *FileLoc*.

SuppressPrtType

Per-line force a blank line to print. Canonical values are:

- *false*
- *true*

TextAlignCode

Text alignment is a formatting attribute that determines the appearance of the text. The integer values may represent the following:

- *0* - No alignment
- *1* - Left alignment
- *2* - Right alignment
- *3* - Center alignment

TextAlignDesc

The text alignment name.

TextGroupId

The parent ID that a text attribute is associated with.

URLDest

The Uniform Resource Locator (URL) web address location.

URLDspText

The human-readable text displayed for a Uniform Resource Locator (URL) hyperlink.

URLPositOrder

The order/position in which hyperlinks are placed in a document.

UseAltLineColorType

Per-line enable alternating background line colors. Canonical values are:

- *false*
- *true*

UseLogoType

Use FI-defined logo. Canonical values are:

- *false*
- *true*

UsePgBackerType

Use FI-defined page backer. Canonical values are:

- *false*
- *true*

UsePgColorType

Use FI-defined page color for printing statement and other documents. Canonical values are:

- *false*
- *true*

UseWaterMarkType

Enables placing or drawing a watermark on the text pages of a document. Canonical values are:

- *false*
- *true*

Width

Sets the width of an element.

The following complexes were created:

- `DocBatchSrchInfo_CType`

- DocTextFormatInfo_CType
- LineAttrbtInfo_CType
- ElecDocCodeInfo_CType
- DocOptInfo_CType
- DocLinkInfo_CType
- DocMktgInsertInfo_CType
- MktgInsertCondInfo_CType

The following arrays were created:

- DocBatchSrchArray_AType
- DocLinkArray_AType
- DocMktgInsertArray_AType
- DocOptFormatArray_AType
- DocTextFormatArray_AType
- ElecDocCodeArray_AType
- LineAttrbtArray_AType
- MktgInsertCondArray_AType

2016.0.05 Updates

The following messages were created:

- DocElecSigAddRq_MType
- DocElecSigAddRs_MType

The following simple elements were created or updated:

ConsmDocId

An identifier assigned to a document by the submitting consumer.

DocColKey

The key assigned to a collection of documents. This key becomes invalid upon delivery of the last document for a specific collection.

DocDesc

The description given to a document that is human-readable for UI presentation.

DocImgIdxValue

The value that correlates to the DocImgIdxName used for indexing a document image.

DocRcptId

A receipt given for a document submission.

DocTpltAbbr

An abbreviated representation of a document template.

DocTpltDesc

A description of a document template.

DocTpltId

An identifier assigned to a template for a document.

ElecDocLoc

URI where an electronic is located.

ElecSigAuthenType

The type of authentication to use for electronic out of band processes. Canonical values are:

- *Email*
- *KBA*
- *Pswd*
- *Tele*

ElecSigCapType

Defines the method used to capture electronic signatures. Canonical values are:

- *Local*
- *Remote*

ElecSigCorrelId

The correlation identifier for correlating a signature with a date and other variables.

ElecSigDocPage

The document page number for an electronic signature.

ElecSigLocHeight

The height, in pixels, of the electronic signature for a document.

ElecSigLocXCoord

The X pixel coordinate of the electronic signature for a document.

ElecSigLocYCoord

The Y pixel coordinate of the electronic signature for a document.

ElecSigLocWidth

The width, in pixels, of the electronic signature for a document.

ElecSigPswd

The password for electronic document signatures for out of band processes.

ElecSigType

Defines the type of signature capture. Canonical values are:

- *Dt*
- *Int*
- *Sign*

FinalDocElecSig

Identifies whether this document submitted for electronic signature represents the last document for a signature group. Canonical values are:

- *false*
- *true*

SigAssigneeActType

Determines the action to take for the specific signature assignee. Canonical values are:

- *ReadOnly*
- *ReadWrite*
- *NoAccess*

SigAssigneeProcSeq

A sequence number assigned to each electronic signature that serves as an index for the document.

SigAssigneeRole

The role the signature assignee has for the document. Examples include Notary, Customer, or Loan Officer.

SvcPrvdName

The message service providers. Canonical values are:

- *4Sight*
- *AES*
- *AlrtCenter*
- *Argo*
- *BrdCst*
- *BSA*
- *CIF2020*
- *CoreDir*
- *Cruise*
- *DirectLineIntlWires*
- *DirectLineWires*

- *EEMS*
- *EL*
- *ENS*
- *Episys*
- *EPS*
- *ERMS*
- *EWf*
- *iPay*
- *iTalk*
- *JHAEnterCRM*
- *JHAPayCenter*
- *jXchange*
- *MFA*
- *NetTeller*
- *ODI*
- *OnBoardDep*
- *OnBoardLn*
- *Passport*
- *Payrailz*
- *PmtProcSols*
- *Silhouette*
- *SilverLake*
- *Synapsys*
- *Synergy*
- *TimeTrack*
- *TP_CSPI*
- *TP_DocuSign*
- *TP_FISImageCentre*
- *TP_FISTBS*
- *TP_HylandOnBase*
- *TP_IMM*
- *TP_Symantec*
- *TP_Verafin*
- *Vertex*
- *Vertex*
- *YellowHammer*
- *YHRTFD*

The following arrays were created:

- ElecSigLocArray_AType
- ElecSigAssigneeArray_AType
- DocElecSigArray_AType

The following complexes were created:

- ElecSigLocInfo_CType
- ElecSigAssigneeInfo_CType
- DocTpltInfo_CType
- DocElecSigInfo_CType
- DocElecSigInfo_Synergy_CType

2016.0.01 Updates

The following message was updated:

- DocImgSrchRq_MType

2012.0.02 Updates

The following simple element was created or updated:

DocImgFilterType

The type of predefined filters that convey image filters understood by the image provider. Canonical values are:

- *qry_account_payable*
- *qry_cd*
- *qry_club*
- *qry_commercial_loan*
- *qry_consumer_loan*
- *qry_customer*
- *qry_customer_tin*
- *qry_demand_deposit*
- *qry_demand_loan*
- *qry_gl*
- *qry_loan*
- *qry_mortgage_loan*
- *qry_overdraft*
- *qry_photo_id*
- *qry_safe_deposit*
- *qry_savings*

- *qry_sig_id*
- *qry_LOC*
- *qry_In*
- *qry_mr*
- *qry_In_ap*
- *qry_cr_rpt*
- *qry_ap*
- *qry_In_loanap*
- *qry_chk*
- *qry_collateral*
- *qry_collateral_doc*
- *qry_ctr_num*
- *qry_ctr*
- *qry_dealer*
- *qry_id_mm*
- *qry_received_item*
- *qry_amth_share_draft*
- *qry_amth_loan_draft*
- *qry_amth_loan_receipt*
- *qry_amth_share_receipt*
- *qry_ttnm_id*
- *qry_id*

Synergy accepts any combination of the indexes referenced for each annotated predefined query name. The more specific index reduces the response set of document images.

The following document image indexes can be captured with the *qry_demand_deposit*:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer

The following document image indexes can be captured with the *qry_savings*:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer

The following document image indexes can be captured with the qry_club:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer

The following document image indexes can be captured with the qry_cd:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer

The following document image indexes can be captured with the qry_loan:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- CoborrowerIName

- Coborrower1SSN
- Coborrower2Name
- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered
- LoanDealerNumber
- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_consumer_loan:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- Coborrower1Name
- Coborrower1SSN
- Coborrower2Name
- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered
- LoanDealerNumber
- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_demand_loan:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- Coborrower1Name
- Coborrower1SSN
- Coborrower2Name
- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered
- LoanDealerNumber
- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_commercial_loan:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- Coborrower1Name
- Coborrower1SSN
- Coborrower2Name

- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered
- LoanDealerNumber
- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_mortgage_loan:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer
- Coborrower1Name
- Coborrower1SSN
- Coborrower2Name
- CollateralCode
- LoanClassCode
- LoanCreditRating
- LoanDateEntered
- LoanDealerNumber
- LoanDepartmentCode
- LoanOriginationDate
- LoanPurposeCode
- LoanStatusCode
- LoanTypeCode
- PropertyDescription

The following document image indexes can be captured with the qry_safe_deposit:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- BranchNumber

The following document image indexes can be captured with the qry_customer:

- MemberNumber
- CIFNumber
- TaxID
- Name
- ShortName

The following document image indexes can be captured with the qry_customer_tin:

- MemberNumber
- CIFNumber
- TaxID
- Name
- ShortName

The following document image index can be captured with the qry_gl:

- AccountNumber

The following document image index can be captured with the qry_account_payable:

- VendorNumber

The following document image indexes can be captured with the qry_sig_id:

- AccountNumber
- CIFNumber
- TaxID
- Name
- ShortName
- DateOpened
- BranchNumber
- Officer

The following document image indexes can be captured with the qry_photo_id:

- CIFNumber
- TaxID

The following document image index can be captured with the qry_overdraft:

- AccountNumber

The following document image index can be captured with the qry_id:

- TaxId

The following document image indexes can be captured with the qry_In:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_loan:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_mr:

- AccountNumber
- ShareId

The following document image indexes can be captured with the qry_In_ap:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_In_loanap:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_In_ap:

- AccountNumber
- LoanId

The following document image indexes can be captured with the qry_cr_rpt:

- AccountNumber
- RequestDate
- TaxId

The following document image indexes can be captured with the qry_ap:

- VendorNumber
- VendorName

The following document image indexes can be captured with the qry_chk:

- AccountNumber
- PostDate
- Amount
- CheckNumber

The following document image index can be captured with the qry_collateral:

- AccountNumber

The following document image indexes can be captured with the qry_collateral_doc:

- AccountNumber
- DocumentNumber

The following document image index can be captured with the qry_ctr_num:

- AccountNumber

The following document image index can be captured with the qry_ctr:

- TaxId

The following document image indexes can be captured with the qry_dealer:

- LoanDealerNumber
- VendorName

The following document image indexes can be captured with the qry_id_mm:

- Name
- TaxId

The following document image indexes can be captured with the qry_received_item:

- AccountNumber
- PostDate
- CheckNumber

The following document image indexes can be captured with the qry_amth_share_draft:

- MicrAccountNumber
- PostDate
- CheckNumber

The following document image indexes can be captured with the qry_amth_loan_draft:

- MicrAccountNumber
- PostDate
- CheckNumber

The following document image indexes can be captured with the qry_amth_loan_receipt:

- AccountNumber
- LoanId
- PostDate
- SequenceNumber

The following document image indexes can be captured with the qry_amth_share_receipt:

- AccountNumber
- ShareId
- PostDate
- SequenceNumber

The following document image index can be captured with the qry_ttnm_Id:

- TaxId

The following document image index can be captured with the qry_photo_Id:

- TaxId

The following document image index can be captured with the qry_sig_Id:

- TaxId

2012.0.0 Updates

The following service was created:

- Document Image Modify

The following messages were created:

- DocImgModRq_MType
- DocImgModRs_MType

2011.1 Updates

The following new simple element and its canonical values were created:

- DocImgFilterType
 - *qry_account_payable*

- *qry_cd*
- *qry_club*
- *qry_commercial_loan*
- *qry_consumer_loan*
- *qry_customer*
- *qry_customer_tin*
- *qry_demand_deposit*
- *qry_demand_loan*
- *qry_gl*
- *qry_loan*
- *qry_mortgage_loan*
- *qry_photo_id*
- *qry_safe_deposit*
- *qry_savings*
- *qry_sig_id*

The following messages were updated:

- `DocImgSrchRq_MType`
- `DocImgSrchRs_MType`

2009.0 Updates

The following new service was created:

- `Document Image Search`

The following new complexes were created:

- `DocImgSrchArray_AType`
- `DocImgSrchInfo_CType`
- `DocImgSrchRq_MType`
- `DocImgSrchRs_MType`

The following new simple element was created:

- **IdxOnly**

The following complex was updated:

- `SrchMsgRqHdr`

2008.1 Updates

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `MsgRsHdr_CType`

EFT Card Services Updates

This topic explains the updates to this service.

2024.2.01 Updates

The following message was updated:

- `EFTCardAddRq_MType`

The following complex elements were created or updated:

- `EFTCardInqRec_CType`
- `EFTCardModRec_CType`

The following simple elements were created or updated:

CardCrtTimeDt

The date and time card created.

CardLastChngTimeDt

The date and time card was last changed.

EnrollCardInRwrnPgmType

Enroll card in reward program. Canonical values are:

- *true*
- *false*

EnrollDt

The enrollment date. The **Rstr** attribute is optional.

LastProcTimeDt

The date and time last processed.

LastPrtcpChngDt

The rewards participation change date.

PrtcpType

The card participates in the rewards program. Canonical values are:

- *true*
- *false*

2024.1.04 Updates

The following complex was updated:

- `EFTCardModRec_CType`

2024.0.01 Updates

The following simple element was created or updated:

EFTCardCapType

What process was used to capture the EFT card data? Canonical values are:

- *BarCode*
- *CertMagRead*
- *ChipRead*
- *ElecMer*
- *FallbackMagRead*
- *Keyed*
- *MagRead*
- *NFCChipRead*
- *NFCMagRead*
- *OCR*
- *Trak*
- *UnCertChipRead*

2023.1.02 Updates

The following complex elements were created or updated:

- `EFTCardInqRec_CType`
- `EFTCardModRec_CType`
- `EFTCardOrderInfoRec_CType`

The following simple elements were created:

CardRushMthdCode

The code that identifies the type of rush method for card delivery.

CardRushMthdDesc

The description of the code that identifies the type of rush method for card delivery.

CardRushOpt

The option for rushing a payment to a payee. Canonical values are:

- *2ndDay* - Second Day
- *2ndDayEc* - Second Day Economy
- *3rdDay* - Third Day
- *Ovrngt* - Overnight
- *Std* - Standard

EFTCardReadType

Defines the type of EFT card security read. Canonical values are:

- *Chip*
- *Mag*

EFTSwchActType

The action that is taken regarding the EFT switch relationship. Canonical values are:

- *ForceAdd*
- *ForceBatch*
- *ForceUpd*

2023.1.01 Updates

The following complex element was created or updated:

- `EFTCardInqRec_CType`

The following simple element was created:

EFTCardReadType

Defines the type of EFT card security read. Canonical values are:

- *Chip*
- *Mag*

2023.0.01 Updates

The following services were created:

- EFT Card Image Identifier Addition
- EFT Card Image Identifier Modification
- EFT Card Image Identifier Search

The following messages were created or updated:

- `EFTCardImgIdAddRq_MType`
- `EFTCardImgIdAddRs_MType`

- EFTCardImgIdModRq_MType
- EFTCardImgIdModRs_MType
- EFTCardImgIdSrchRq_MType
- EFTCardImgIdSrchRs_MType

The following arrays were created:

- EFTCardImgIdSrchArray_AType

The following complexes were updated:

- EFTCardImgIdSrchRec_CType
- EFTCardInqRec_CType
- EFTCardModRec_CType

The following simple elements were created or updated:

ImgDesc

A human readable description given to an image.

ImgId

A unique identifier given to an image.

ImgAlbum

A collection of images typically related to one another, like a category.

2023.0.00 Updates

The following services were created:

- EFT Card Blocking Transaction Inquiry
- EFT Card Blocking Transaction Search

The following messages were created or updated:

- EFTCardBlkTrnInqRq_MType
- EFTCardBlkTrnInqRs_MType
- EFTCardBlkTrnSrchRq_MType
- EFTCardBlkTrnSrchRs_MType

The following arrays were created:

- EFTCardBlkRuleArray_AType
- EFTCardBlkRuleValArray_AType
- EFTCardBlkTrnSrchArray_AType

The following complexes were created or updated:

- EFTCardBlkRuleRec_CType
- EFTCardBlkRuleValRec_CType
- EFTCardBlkTrnInqRec_CType
- EFTCardBlkTrnSrchRec_CType
- EFTCardInqRec_CType
- EFTCardModRec_CType

The following simple elements were created or updated:

AlgSymb

The algebraic symbol for the EFT card services.

- *EQ* - Accepted for all **BlkRuleType** values.
- *GE* - Accepted for *AcptPostalCode*, *AcptName*, *AcptId*, *FraudRiskScore*, *MerType*, *PseudoTrmId*, *TrnAmt*, and *TrmId* values for **BlkRuleType**.
- *GT* - Accepted for *AcptPostalCode*, *AcptName*, *AcptId*, *FraudRiskScore*, *MerType*, *PseudoTrmId*, *TrnAmt*, and *TrmId* values for **BlkRuleType**.
- *LE* - Accepted for *AcptPostalCode*, *AcptName*, *AcptId*, *FraudRiskScore*, *MerType*, *PseudoTrmId*, *TrnAmt*, and *TrmId* values for **BlkRuleType**.
- *LT* - Accepted for *AcptPostalCode*, *AcptName*, *AcptId*, *FraudRiskScore*, *MerType*, *PseudoTrmId*, *TrnAmt*, and *TrmId* values for **BlkRuleType**.
- *NE* - Accepted for all **BlkRuleType** values.
- *Range* - Accepted for *AcptPostalCode*, *AcptName*, *AcptId*, *FraudRiskScore*, *MerType*, *PseudoTrmId*, *TrnAmt*, and *TrmId* values for **BlkRuleType**.

BlkNewAcctType

Should new accounts be blocked? Canonical values are:

- *True*
- *False*

BlkRuleType

The type of card blocking rule. Canonical values are:

- *AcptId* - Accepts all algebraic symbols for **AlgSymb**.
- *AcptName* - Accepts all algebraic symbols for **AlgSymb**.
- *AcptPostalCode* - Accepts all algebraic symbols for **AlgSymb**.
- *AcptState* - Only accepts *EQ* and *NE* for **AlgSymb**.
- *AcqCntry* - Only accepts *EQ* and *NE* for **AlgSymb**.
- *EntryMode* - Only accepts *EQ* and *NE* for **AlgSymb**.
- *FraudRiskScore* - Accepts all algebraic symbols for **AlgSymb**.

- *MerType* – Accepts all algebraic symbols for **AlgSymb**.
- *PANEntryMode* – Only accepts *EQ* and *NE* for **AlgSymb**.
- *POSCond* – Only accepts *EQ* and *NE* for **AlgSymb**.
- *PseudoTrmIld* – Accepts all algebraic symbols for **AlgSymb**.
- *SecTrn* – Only accepts *EQ* and *NE* for **AlgSymb**.
- *TrmIld* – Accepts all algebraic symbols for **AlgSymb**.
- *Trn* – Only accepts *EQ* and *NE* for **AlgSymb**.
- *TrnAmt* – Accepts all algebraic symbols for **AlgSymb**.
- *VisaECI* – Only accepts *EQ* and *NE* for **AlgSymb**.

BlkTrnDesc

The description of the transaction code that defines the behavior for block EFT transactions.

BlkTrnOvrrdExistType

Does the EFT card have active overrides? Canonical values are:

- *True*
- *False*

BlkTrnStatType

The status of an EFT card as related to transaction blocking. The default value is *Active*. Canonical values are:

- *Active*
- *Exp*

The following array was scheduled for deprecation. Effective date is 2025-01-01.

- `x_EFTCardBlkTrnArray_AType`

2022.1.01 Updates

The following complex elements were created or updated:

- `EFTCardAddInfoRec_CType`
- `EFTCardModRec_CType`
- `EFTCardInqRec_CType`

The following simple elements were created or updated:

AllowDigitalInActType

Defines if an inactive card is allowed digital wallet processes. Canonical values are:

- *true*
- *false*

AllowDigitalOnlyType

Is the card only allowed for digital wallet processes? Canonical values are:

- *true*
- *false*

EFTCardCat

A user-defined category given to an EFT card.

EFTCardImgDesc

The free-format description as related to a card image.

EFTCardImgId

An identifier given to an EFT card.

2022.0.02 Updates

The following complex elements were updated:

- `EFTCardAddInfoRec_CType`
- `EFTCardAddIdInfo_CType`

The following simple element was created or updated:

EFTCardFundAcctType

The funding account indicator. Canonical values are:

- *true*
- *false*

2021.1.00 Updates

The following services were created:

- EFT Card Awards Add
- EFT Card Awards Inquiry
- EFT Card Awards Mod
- EFT Card Household Search

The following messages were created:

- `EFTCardAwardsAddRq_MType`
- `EFTCardAwardsAddRs_MType`
- `EFTCardAwardsInqRq_MType`
- `EFTCardAwardsInqRs_MType`

- EFTCardAwardsModRq_MType
- EFTCardAwardsModRs_MType
- EFTCardHouseHoldSrchRq_MType
- EFTCardHouseHoldSrchRs_MType

The following arrays were created:

- EFTCardAwardsSrchArray_AType
- EFTCardHouseHoldSrchArray_AType

The following complexes were created:

- EFTCardAwardsInfoRec_CType
- EFTCardAwardsSrchRec_CType
- EFTCardHouseHoldSrchRec_CType
- SvcPrvdInfo **references** EFTCardSrchRq_EType

The following simple elements were created:

EFTCardAwardsChngTimeDt

The last date/time stamp the awards account was changed.

Expressed in ISO8601 time format and should contain either Zulu time or local time and the UTC offset.

Format: [-]CCYY-MM-DDThh:mm:ss[Z](+|-)hh:mm]

Valid values include: 2001-10-26T21:32:52, 2001-10-26T21:32:52+02:00, 2001-10-26T19:32:52Z, 2001-10-26T19:32:52+00:00, -2001-10-26T21:32:52, or 2001-10-26T21:32:52.12679.

Examples of same moment: "18:30Z", "22:30+04", "1130-0700", and "15:00-03:30".

See <https://www.w3.org/TR/NOTE-datetime> for further reference.

EFTCardAwardsCreatedTimeDt

The date/time stamp when the record was created. Expressed in ISO8601 time format and should contain either Zulu time or local time and the UTC offset.

Format: [-]CCYY-MM-DDThh:mm:ss[Z](+|-)hh:mm]

Valid values include: 2001-10-26T21:32:52, 2001-10-26T21:32:52+02:00, 2001-10-26T19:32:52Z, 2001-10-26T19:32:52+00:00, -2001-10-26T21:32:52, or 2001-10-26T21:32:52.12679.

Examples of same moment: "18:30Z", "22:30+04", "1130-0700", and "15:00-03:30".

See <https://www.w3.org/TR/NOTE-datetime> for further reference.

EFTCardAwardsEnrollDt

The start date of Awards participation.

EFTCardAwardsLastEnrollDt

The Awards last enroll date.

EFTCardAwardsLastProcTimeDt

The Awards last processing date.

EFTCardAwardsLastUnenrollDt

The Awards last unenroll date.

EFTCardAwardsProcDt

The Awards processing date.

EFTCardAwardsPrtcpFlgChngDt

The Awards participation flag change date.

EFTCardAwardsPrtcpType

Answers the question: Is the cardholder participating in an Awards program?

Canonical values are:

- *true*
- *false*

EFTCardHouseHoldId

The Awards household ID.

2021.0.03 Updates

The following complex elements were updated:

- EFTCardInqRec_CType
- EFTCardSrchRec_CType

The following simple elements were created or updated:

EFTCardBINCode

The code that identifies the type of BIN.

EFTCardBINDesc

The description of the code that identifies the type of BIN.

2020.0.01 Updates

The following services were migrated from JH Consumer to Third Party Group:

- EFT Card PIN Modification
- EFT Card PIN Modification Initiate

The following complex was updated:

- `EFTCardInqRec_CType`

2019.0.04 Updates

The following services were migrated from JH Consumer to Third Party Group:

- EFT Card Address Search
- EFT Card Message Addition
- EFT Card Message Modification
- EFT Card Message Search

2019.0.03 Updates

The following complex was updated:

- `EFTCardInqRec_CType`

2018.7.02 Updates

The following complex was updated:

- `EFTCardModRec_CType`

2017.2.01 Updates

The following message was updated:

- `EFTCardAddRq_MType`

The following simple elements were created or updated:

MerNotfOptCode

The code that describes the opt in/out for merchant notification. Canonical values are:

- *false*
- *true*

The default value is *false*.

MerNotfOptDesc

The description of the code that describes the opt in/out for merchant notification.

The following complex was created:

- `MerNotifOptInfoRec_CType`

The following complexes were updated:

- EFTCardModRec_CType
- EFTCardInqRec_CType

The following array was created:

- MerNotfOptInfoArray_AType

2016.0.09 Updates

The following service was added:

- EFTCardTrnHistSrch

The following messages were created:

- EFTCardTrnHistSrchRq_MType
- EFTCardTrnHistSrchRs_MType

The following simple elements were created or updated:

RecurTrnType

Identifies a transaction as recurring. Canonical values are:

- *false*
- *true*

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*
- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallnq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmtAdd*
- *AcctCombStmtInq*
- *AcctCombStmtMod*

- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*
- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*
- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*
- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*
- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*
- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*
- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*

- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*
- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*
- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*
- *BilPaySubSrch*
- *BrdCstSrch*
- *ChkImgInq*
- *ChkImgStmntGen*
- *ChkImgStmntGenInq*
- *ChkImgStmntSrch*
- *ColAdd*
- *CollInq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*
- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollInq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*

- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlnq*
- *CustInfoMsglnq*
- *Custlnq*
- *CustMod*
- *CustMsgAdd*
- *CustMsglnq*
- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*
- *CustRellnq*
- *CustRelMod*
- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPpersonProdDictlnq*
- *EDPPPpersonProdMod*
- *EDPPPpersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnlnq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*
- *EFTCardImgIdMod*
- *EFTCardImgIdSrch*
- *EFTCardlnq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*

- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*
- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*
- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*
- *FASB91Add*
- *FASB91AddValidate*
- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfoInq*
- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtId*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*

- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*
- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*
- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*
- *LnFeeSrch*
- *LnLiabInq*
- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmAppInq*
- *LnPltfmProdSrch*
- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcpInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*
- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAdd*
- *LOCAddValidate*
- *LOCConstInProcAdd*
- *LOCConstInProclnq*

- *LOCConstInProcMod*
- *LOCConstInProcSrch*
- *LOCMod*
- *LOCSrch*
- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*
- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*
- *MFASecdRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrConsmCredAdd*
- *MFAUsrConsmCredInq*
- *MFAUsrConsmCredMod*
- *MFAUsrConsmCredSrch*
- *MFAUsrQnAAdd*
- *MFAUsrQnAInq*
- *MFAUsrQnAMod*
- *MFAUsrQnAMod*
- *MFAUsrQnAValidate*
- *MFAWaterMarkSrch*
- *MLLMasterRelAdd*
- *MLLMasterRelInq*
- *MLLMasterRelMod*
- *MLLRelSrch*
- *MLLTrancheRelAdd*
- *MLLTrancheRelInq*

- *MLLTranchRelMod*
- *NewAcctSrch*
- *NSFHistSrch*
- *ODISvcCred*
- *ODPrvlgHistSrch*
- *OFACSrch*
- *PersonNameMod*
- *PingAll*
- *PltfmAppAdd*
- *PltfmAppInq*
- *PltfmAppSrch*
- *PltfmProdInq*
- *PltfmStatInq*
- *PltfmStatInq*
- *PltfmStatMod*
- *PosPayItemInq*
- *PosPayItemInq*
- *PosPayItemMod*
- *PromoXferAdd*
- *PromoXferInq*
- *PromoXferMod*
- *PromoXferSrch*
- *PubWorkflowSrch*
- *RealEstatePropAdd*
- *RealEstatePropMod*
- *RealEstatePropSrch*
- *RelaEstatePropAddValidate*
- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*

- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*
- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*
- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*
- *TaxPlnBenfSrch*
- *TaxPlnInq*
- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*
- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*
- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*

- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*
- *WireComplnq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*
- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*
- *WireDrwdwnTrnTpltMod*
- *WireHistSrch*
- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*
- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstISOTmplMod*
- *WireTrnInq*
- *WireTrnISOAdd*
- *WireTrnISOTmplMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOMod*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*

- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*
- *XferSrcDestSrch*
- *XferSrch*

The following complex was updated:

- `EFTCardHistSrchRec_CType`

The following array was created:

- `EFTCardTrnHistSrchRec_AType`

2014.0.06 Updates

The following complex was updated:

- `EFTCardInfoRec_CType`

2014.0.02 Updates

The following simple element was created:

- **ImgDepMemoPostAmt**

The following complex was updated:

- `EFTCardInqRec_CType`

2013.1.03 Updates

The following services were created:

- EFT Card Order Add
- EFT Card PIN Off Set Modification

The following messages were created:

- `EFTCardOrderAddRq_MType`
- `EFTCardOrderAddRs_MType`
- `EFTCardPINOffSetModRq_MType`
- `EFTCardPINOffSetModRs_MType`

The following array was created:

- `EFTCardActArray_AType`

The following complexes were created:

- `EFTCardActInfoRec_CType`
- `EFTCardOrderInfoRec_CType`

The following simple elements were created:

- **EFTCardActType**
 - *BirthDt*
 - *CellPhone*
 - *CustId*
 - *HomePhone*
 - *MotherMaidName*
 - *TaxId*
 - *UsrPswd*
 - *WorkPhone*
- **EFTCardActVal**
- **EFTCardOrderType**
 - *IssAct*
 - *IssOnly*
- **EFTCardTrak1Val**
- **EFTCardTrak2Val**

2013.1.01 Updates

The following complex was created:

- `x_EFTCardMailAddrInfo_CType`

The following array was created:

- `x_UserDefInfoArray_AType`

The following complexes were updated:

- `EFTCardAcctIdInfo_CType`
- `EFTCardInqRec_CType`
- `EFTCardModRec_CType`
- `EFTCardTrvInfo_CType`
- `x_EFTCardBlkTrnInfo_CType`

2012.1.03 Updates

The following arrays were created:

- `EFTBlkMerIdArray_AType`

- EFTBlkTrnTypeArray_AType
- EFTCardAcptPostalCodeArray_AType
- EFTCardAcptStateArray_AType
- EFTCardBlkTrnArray_AType
- EFTCardCntryArray_AType
- EFTCardPINEntryArray_AType
- EFTPseudoTrmlIdArray_AType
- x_EFTCardBlkTrnArray_AType
- x_EFTCardCntryArray_AType

The following complexes were created:

- EFTBlkMerIdInfo_CType
- EFTBlkTrnTypeInfo_CType
- EFTCardAcptPostalCodeInfo_CType
- EFTCardAcptStateInfo_CType
- EFTCardBlkTrnInfo_CType
- EFTCardCntryInfo_CType
- EFTCardPINEntryInfo_CType
- EFTCardTrvInfo_CType
- EFTPseudoTrmlIdInfo_CType
- x_EFTCardBlkTrnInfo_CType
- x_EFTCardTrvInfo_CType

The following simple element was created:

EFTCardStatType

The status of an issued EFT card. Canonical values are:

- *Act*
- *CardLmtExist*
- *Cls*
- *Del*
- *DepOnly*
- *Exp*
- *HotCard*
- *InstantIss*
- *InstantIssMail*
- *Iss*

- *ManActReq*
- *OrderCard*
- *OrderInProc*
- *PINMail*
- *PINXsTries*
- *ReOrderCard*
- *ReOrderDeny*
- *WarmCard*

The following simple elements were scheduled for deprecation. Effective date is 2017-01-01.

- **EFTCardStat**
- **EFTCardStatDesc**

The following messages were updated:

- EFTCardInqRq_MType
- EFTCardInqRs_MType
- EFTCardModRq_MType

The following complexes were updated:

- BrdCstEFTCardDetail_RType
- EFTCardInfoRec_CType
- EFTCardInqRec_CType
- EFTCardModRec_CType
- EFTCardSrchRec_CType

2012.1.02 Updates

The following services were created:

- EFT Card User Authentication Inquiry

The following messages were created:

- EFTCardUsrAuthInqRq_MType
- EFTCardUsrAuthInqRs_MType

The following array was created:

- EFTCardUsrAuthInqArray_AType

The following complex was created:

- EFTCardUsrAuthInqRec_CType

The following complexes were updated:

- EFTCardInqRec_CType
- EFTCardModRec_CType

2012.0.03 Updates

The following simple elements were created with their corresponding canonical values:

- EFTCardCmprType
 - *false*
 - *true*
- ImgDepMemoLmtType
 - *false*
 - *true*
- ImgDepMemoPostDlyMax
- ImgDepMemoPostPc
- ImgDepMemoPostType
 - *false*
 - *true*

The following complex was updated:

- EFTCardInqRec_CType

2011.1 Updates

The following array was created:

- EFTCardRejArray_AType

The following complex was created:

- EFTCardRejInfo_CType

The following simple elements were created:

- EFTCardAcctNum
- EFTCardAlertUsrId
- EFTCardLmtCnt
- EFTCardLTDTTrnAmt
- EFTCardLTDTTrnCnt
- EFTCardRejLTDTTrnCnt

- EFTCardReOrderFee
- EFTHotCardTimeDt

The following complexes were updated:

- EFTCardInqRec_CType
- EFTCardModRec_CType
- EFTCardTrnInfo_CType

The following service was deleted:

- EFT Card PIN Management

The following messages were deleted:

- EFTCardPINModRq_MType
- EFTCardPINModRs_MType

2011.0 Updates

The following services were created:

- EFT Card PIN Management
- EFT Card Search

The follow messages were created:

- EFTCardPINModRq_MType
- EFTCardPINModRs_MType
- EFTCardSrchRq_MType
- EFTCardSrchRs_MType

The following array was created:

- EFTCardSrchArray_AType

The following complex was created:

- EFTCardSrchRec_CType

The following simple elements were created:

- CardStatRsnMsg
- CardStatRsnType
- CrtEFTCardAlertMsg
- EFTCardPIN
- NewEFTCardPIN
- OrderEFTCardRepl

The following message was updated:

- EFTCardModRs_MType

The following complex was updated:

- EFTCardModRec_CType

2010.1 Updates

The following service was created:

- EFT Card Inquiry

The following messages were created:

- EFTCardInqRq_MType
- EFTCardInqRs_MType

The following array was created:

- EFTCardTrnArray_AType

The following complexes were created:

- EFTCardInqRec_CType
- EFTCardTrnInfo_CType

The following simple elements were created:

- AllowFornTrnExpDt
- AllowFornTrnType
- AllowGlobalMain
- AllowMaxPIN
- ATMCrPostLmt
- ATMCrPostLmtAmt
- ATMCrPostPct
- ATMCrPostType
- EFTCardChgWavAmt
- EFTCardChgWavCnt
- EFTCardIssue
- EFTCardPINIssue
- EFTCardProdDesc
- EFTCardStatDesc
- EFTCardStyleId
- EFTCardTelePINId

- EFTCardTrnCnt
- EFTCardTrnType
- EFTCardTrnLocType
- EFTSCChgWav
- InvalidPINAttempts

2010.0 Updates

The following service was created:

- EFT Card Add Validate

The following messages were created:

- EFTCardAddValidateRq_MType
- EFTCardAddValidateRs_MType

2009.0 Updates

The following complexes were created:

- EFTCardModRec_CType
- EFTCardModRq_MType
- EFTCardModRs_MType

The following simple elements were created:

- EFTCardStat
- EmbosName
- SecdEmbosName

The following complex was updated:

- EFTCardInfoRec_CType

2008.1 Updates

The following simple element was created:

- EFTCardProdCode

The following complexes were updated:

- EFTCardAcctIdAddRq_MType
- EFTCardAddRq_MType
- MsgRsHdr_CType

Enterprise Logging Service Updates

This topic explains the updates to this service.

2010.1 Updates

The following complex was updated:

- `JESHdr_CType`

2012.0 Updates

The following service was created:

- Log Search

The following messages were created:

- `LogSrchrq_MType`
- `LogSrchrS_MType`

The following array was created:

- `LogSrchrSArray_AType`

The following complex was created:

- `LogSrchrSRec_CType`

The following simple elements were created:

- `BusCorrelId`
- `LogDest`
- `LogEndDt`
- `LogEndTime`
- `LogGMEndDt`
- `LogGMEndTime`
- `LogGMStartDt`
- `LogGMStartTime`
- `LogStartDt`
- `LogStartTime`

2012.0.03 Updates

The following simple element was updated:

- **LogCat:** The category of the log message. Canonical values are:

- *Error*
- *Info*
- *Security*
- *Trace*
- *Warning*

2015.0.04 Updates

The following service is now available to all service providers and consumers:

- Log Search

The following message was updated:

- `LogSrchrq_MType` - The **LogDest** simple element is no longer required in the Log Search request message.

The following simple element was created or updated:

LogDest

The location of the EL server used for routing. Canonical values are:

- *DLW*
- *Local*

The default value is *Local*.

20187.0.03 Updates

The following complexes were updated:

- `LogEntry_CType`
- `LogSrcRsRec_CType`

The following messages were updated:

- `LogSrchrq_MType`
- `LogSrcRs_MType`

Entity Matching Services Updates

This topic explains the updates to this service.

2017.2.03 Updates

The following services were created:

- Entity Match Batch Inquiry

- Entity Match Search

The following messages were created:

- EntityMatchBatchInqRq_MType
- EntityMatchBatchInqRs_MType
- EntityMatchSearchRq_MType
- EntityMatchSearchRs_MType

The following simple elements were created or updated:

BirthDtTolr

The birth date tolerance for using the birth date as a search filter.

EntityBatchRefId

A unique identification provided by the entity matching application when a request for batch is queued.

EntityBatchSrcType

The source to use for the entity match batch process. Canonical values are:

- *BillPayMerDetail*
- *Cust Addr*
- *CustDetail*
- *Dep AcctTitle*
- *Ln AcctTitle*
- *SafeDep AcctTitle*
- *TimeDep AcctTitle*

EntityCatType

The entity-specific category. Canonical values are:

- *BusComName*
- *IndvComName*
- *ComName*
- *LegalName*
- *StreetAddr*
- *City*
- *StateCode*
- *Cntry*
- *CntryType*
- *BirthDt*
- *PostalCode*
- *CustId*

- *ACHInbound*
- *ACHOutbound*

EntityExactMatchType

Answers the question: Was the entity type an exact match? Canonical values are:

- *false*
- *true*

EntityId

The identification given to an entity.

EntityListDesc

The description of the code that represents a published list of entity names typically managed by a governmental agency.

EntityListDt

The date a source published the list code.

EntityListType

The code that represents a published list of entity names typically managed by a governmental agency. This is a hybrid enumeration due to custom lists. Canonical values are:

- *FinCEN*
- *OFAC*

EntitySrcId

The identification given to an entity by the source of record.

EntityType

The entity type used for entity matching services. This is a hybrid enumeration due to reporting agencies. Canonical values are:

- *Aircraft*
- *Bus*
- *Indv*
- *Vesl*

WhiteListType

Whether the entity appears on an applications white list.

- *false*
- *true*

The following complexes were created or updated:

- `EntityNameRec_CType`

- EntityListCodeRec_CType
- EntityIDRec_CType
- SelRec_CType
- BlkCntryRec_CType
- EntityNatPgmRec_CType
- EntityAliasRec_CType
- EntityAddrRec_CType
- EntityRec_CType
- EntityMatchSrchRsRec_CType

The following arrays were created or updated:

- BlkCntryArray_AType
- EntityAddrArray_AType
- EntityAliasArray_AType
- EntityArray_AType
- EntityIdArray_AType
- EntityListCodeArray_AType
- EntityMatchSrchRsArray_AType
- EntityNameArray_AType
- EntityNatPgmArray_AType
- SelArray_AType

2017.3.01 Updates

The following services were created:

- Entity Match Batch Status Inquiry
- Entity ACH Batch Inquiry

The following messages were created:

- EntityMatchBatchStatInqRq_MType
- EntityMatchBatchStatInqRs_MType
- EntityACHBatchInqRq_MType
- EntityACHBatchInqRs_MType

The following simple elements were created or updated:

ACHFileType

Identifies the type of ACH file. Canonical values are:

- *Incoming*
- *Outgoing*

EntityBatchStat

The status related to an entity matching batch request. Canonical values are:

- *Cmplt*
- *Err*
- *Proc*

The following complexes were created or updated:

- `EntityMatchBatchRec_CType`
- `EntityMatchBatchRsRec_CType`

The following arrays were created or updated:

- `EntityMatchBatchArray_AType`

2017.4.02 Updates

The following simple element was created or updated:

OFIRsDlvryType

Should the response to the batch request return in the OFI application only?
Canonical values are:

- *false*
- *true*

The following messages were updated:

- `EntityACHBatchInqRq_MType`
- `EntityMatchBatchStatInqRs_MType`

2018.4.02 Updates

The following messages were updated:

- `EntityMatchBatchInqRq_MType`
- `EntityMatchBatchInqRs_MType`

The following array was created:

- `EntityBatchSrcArray_AType`

The following complex was created:

- `EntityBatchSrcRec_CType`

2018.5.03 Updates

The following messages were updated:

- EntityMatchBatchInq_MType
- EntityACHBatchInq_MType

2019.0.05 Updates

The following services were migrated from JH Consumer to Third Party Group:

- Entity Match Batch Inquiry
- Entity Match Search
- Entity Match Batch Status Inquiry

2022.1.0 Updates

The following service was created:

- Entity Match Wire Inquiry

The following messages were created:

- EntityMatchWireInqRq_MType
- EntityMatchWireInqRs_MType

The following complex elements were created or updated:

- WireEntityMatchRec_CType
- WireTagRec_CType

The following arrays were created or updated:

- WireEntityMatchArray_AType
- WireTagArray_AType

The following simple elements were created or updated:

EntityTrnRef

A transaction reference provided by the entity match provider.

WireTagId

The FRB wire tag identifier.

2023.1.01 Updates

The following message was created or updated:

- EntityACHBatchInqRq_MType

Escrow Services Updates

This topic explains the updates to this service.

2008.0 Updates

The following simple elements were created:

- **PMIHOEPANotCode**
- **PMIHOEPANotDesc**

The following complexes were updated:

- `EscrwInfoRec_CType`
- `x_EscrwPayee_CType`

2008.1 Updates

The following complexes were created:

- `FldZoneIdInfo_CType`
- `IncXtendElemInfo_CType`

The following arrays were created:

- `x_EscrwFldInsurArray_AType`
- `x_EscrwPayeeArray_AType`

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `EscrwInqRs_MType`
- `IncXtendElem_AType`
- `MsgRsHdr_CType`

2009.0 Updates

The following complexes were updated:

- `EscrwAnlysInfoRec_CType`
- `EscrwInfoRec_CType`
- `EscrwPmtBalInfoRec_CType`

The following simple elements were added:

- `EscrwCouponReOrder`
- `EscrwCushMos`

- `EscrwPrvdPropType`
- `PMIHighRiskType`

2009.1 Updates

The following service was created:

- Escrow Addition Validation

The following complexes were created:

- `EscrwAddValidateRq_MType`
- `EscrwAddValidateRs_MType`

2012.1.02 Updates

The following complex was updated:

- `EscrwFldInsur_CType`

2013.1.00 Updates

The following simple elements and their canonical values were created or updated:

EscrwPayoffExclBalType

The escrow payoff type that describes the business rules to exclude escrow balances in the payoff quote. Canonical values are:

- *false*
- *NegOnly*
- *true*

EscrwPayoffExclIntType

The escrow payoff type that describes the business rules inclusion to exclude escrow interest in the payoff quote. Canonical values are:

- *false*
- *NegOnly*
- *true*

The following complex was updated:

- `EscrwPmtBalInfo_CType`

2013.1.03 Updates

The following complexes were created:

- `x_EscrwFedWith`

- `x_EscrwStateWith`

The following message was updated:

- `EscrwInqRs_MType`

2014.0.07 Updates

The following simple elements were created:

- **`EscrwDistrStartDt`**
- **`EscrwPmtStartDt`**

The following complex was updated:

- `EscrwInfoRec_CType`

2021.0.06 Updates

The following services were added:

- Escrow Agent Distribution Addition
- Escrow Agent Distribution Inquiry
- Escrow Agent Distribution Modification
- Escrow Agent Distribution Search

The following messages were created:

- `EscrwAgentDistrAddRq_MType`
- `EscrwAgentDistrAddRs_MType`
- `EscrwAgentDistrInqRq_MType`
- `EscrwAgentDistrInqRs_MType`
- `EscrwAgentDistrModRq_MType`
- `EscrwAgentDistrModRs_MType`
- `EscrwAgentDistrSrchRq_MType`
- `EscrwAgentDistrSrchRs_MType`

The following complexes were created:

- `EscrwDistrSrchRec_CType`
- `EscrwDistrInfo_CType`

The following array was created:

- `EscrwDistrSrchArray_AType`

2021.1.03 Updates

The following complex was updated:

- `EscrwPayee_CType`

FASB91 Services Updates

This topic explains the updates to this service.

2007.1 Updates

In the 2007.1 version of jXchange, FASB91 has been augmented to allow for more than one FASB record per loan and allow for the integration of earnings/expenses to more than one GL account.

- The new element `FASB91NxtProcDt` was added to the complex element `FASB91InfoRec`.
- The new element `FASB91Key` was added to the complex elements `FASB91ModRq` and `FASB91SrchRec`.
- The new element `FASB91Key` was also added to the complex element `FASB91AddRs`.

This is in accord with the rule if an add message creates a service provider key this would be returned in the response of the add function.

`FASB91Key` is required to modify an existing FASB91 record.

2008.1 Updates

The following array was created:

- `FASB91SrchRecArray_AType`

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `FASB91SrchRs_MType`
- `MsgRsHdr_CType`
- `SrchMsgRsHdr_CType`

2009.1 Updates

The following service was created:

- FASB91 Addition Validation

The following messages were created:

- FASB91AddRq_MType
- FASB91AddRs_MType

2015.0.07 Updates

The following messages were updated:

- FASB91SrchRq_MType

Financial Institution Information Services Updates

This topic explains the updates to this service.

2014.0.07 Updates

The following service was created:

- Financial Institution Information Inquiry

The following messages were created:

- FinInstInfoInqRq_MType
- FinInstInfoInqRs_MType

The following array was created:

- FinInstBrArray_AType

The following complexes were created:

- FinInstBrRec_CType
- FinInstInfoInqRec_CType

The following complex was updated:

- IntnetFinInstACHXferInfo_CType

2015.0.07 Updates

The following array was added:

- FinInstInfoProcRecArray_AType

The following complexes were added:

- FinInstInfoProcRec_CType
- x_FinInstInfoProcRec_CType

The following simple elements were created or updated:

ProcACH

Answers the question: Will processing take place this day? Canonical values are:

- *false*
- *true*

ProcDt

The processing date.

ProcEOD

Answers the question: Will processing take place this day? Canonical values are:

- *false*
- *true*

ProcWires

Answers the question: Will processing take place this day? Canonical values are:

- *false*
- *true*

The following messages were updated:

- `FinInstInfoInqRq_MType`
- `FinInstInfoInqRs_MType`

The following simple element was created or updated:

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*
- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallInq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmntAdd*
- *AcctCombStmntInq*
- *AcctCombStmntMod*

- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*
- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*
- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*
- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*
- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*
- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*
- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*

- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*
- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*
- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*
- *BilPaySubSrch*
- *BrdCstSrch*
- *ChkImgInq*
- *ChkImgStmntGen*
- *ChkImgStmntGenInq*
- *ChkImgStmntSrch*
- *ColAdd*
- *CollInq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*
- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollInq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*

- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlnq*
- *CustInfoMsglnq*
- *Custlnq*
- *CustMod*
- *CustMsgAdd*
- *CustMsglnq*
- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*
- *CustRellnq*
- *CustRelMod*
- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPpersonProdDictlnq*
- *EDPPPpersonProdMod*
- *EDPPPpersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnlnq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*
- *EFTCardImgIdMod*
- *EFTCardImgIdSrch*
- *EFTCardlnq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*

- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*
- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*
- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*
- *FASB91Add*
- *FASB91AddValidate*
- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfoInq*
- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtId*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*

- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*
- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*
- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*
- *LnFeeSrch*
- *LnLiabInq*
- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmAppInq*
- *LnPltfmProdSrch*
- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcpInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*
- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAdd*
- *LOCAddValidate*
- *LOCConstInProcAdd*
- *LOCConstInProclnq*

- *LOCConstInProcMod*
- *LOCConstInProcSrch*
- *LOCMod*
- *LOCSrch*
- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*
- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*
- *MFASecdRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrConsmCredAdd*
- *MFAUsrConsmCredInq*
- *MFAUsrConsmCredMod*
- *MFAUsrConsmCredSrch*
- *MFAUsrQnAAdd*
- *MFAUsrQnAInq*
- *MFAUsrQnAMod*
- *MFAUsrQnAMod*
- *MFAUsrQnAValidate*
- *MFAWaterMarkSrch*
- *MLLMasterRelAdd*
- *MLLMasterRelInq*
- *MLLMasterRelMod*
- *MLLRelSrch*
- *MLLTrancheRelAdd*
- *MLLTrancheRelInq*

- *MLLTranchRelMod*
- *NewAcctSrch*
- *NSFHistSrch*
- *ODISvcCred*
- *ODPrvlgHistSrch*
- *OFACSrch*
- *PersonNameMod*
- *PingAll*
- *PltfmAppAdd*
- *PltfmAppInq*
- *PltfmAppSrch*
- *PltfmProdInq*
- *PltfmStatInq*
- *PltfmStatInq*
- *PltfmStatMod*
- *PosPayItemInq*
- *PosPayItemInq*
- *PosPayItemMod*
- *PromoXferAdd*
- *PromoXferInq*
- *PromoXferMod*
- *PromoXferSrch*
- *PubWorkflowSrch*
- *RealEstatePropAdd*
- *RealEstatePropMod*
- *RealEstatePropSrch*
- *RelaEstatePropAddValidate*
- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*

- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*
- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*
- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*
- *TaxPlnBenfSrch*
- *TaxPlnInq*
- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*
- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*
- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*

- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*
- *WireComplnq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*
- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*
- *WireDrwdwnTrnTpltMod*
- *WireHistSrch*
- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*
- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstISOTmplMod*
- *WireTrnInq*
- *WireTrnISOAdd*
- *WireTrnISOTmplMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOMod*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*

- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*
- *XferSrcDestSrch*
- *XferSrch*

2017.4.02 Updates

The following complexes were updated:

- `FinInstBrRec_CType`
- `FinInstInfoInqRec_CType`

The following simple elements were created or updated:

CustNum

The count of customers.

DepAcctNum

The count of deposits, drafts, savings, and/or time deposits accounts as related to a customer.

2018.4.02 Updates

The `FinInstInfoInq` service was moved from JH to TPG.

The following simple element was created or updated:

NxtProcDt

The next day an application will process.

The following complex was updated:

- `FinInstInfoInqRec_CType`

General Ledger Services Updates

This topic explains the updates to this service.

2012.0 Updates

The following new service was created:

- General Ledger Inquiry

The following new messages were created:

- GLAcctInqRq_MType
- GLAcctInqRs_MType

The following new arrays were created:

- GLMonthAmtInfoArray_AType
- GLCombStmtInfoArray_AType
- GLQtrAmtInfoArray_AType

The following new complexes were created:

- GLAcctInfoRec_CType
- GLAcctInqRec_CType
- GLCombStmtInfoRec_CType
- GLMonthAmtInfoRec_CType
- GLQtrAmtInfoRec_CType

The following new simple elements and their canonical values were created:

- **AcctTypeDesc**
- **AvgYTDBal**
- **BalYTDAmt**
- **BegLastYrBal**
- **BegPrevYrBal**
- **BegYrBal**
- **CapitalRiskPct**
- **DescReqType**
 - *false*
 - *true*
- **DlyBalChngAmt**
- **ExclCnsltdType**
 - *false*
 - *true*
- **GLCombStmtCode**
- **GLCombStmtDesc**
- **GLCombStmtText**
- **GLPostFreqUnits**
 - *false*
 - *true*
- **GLSubjAcctRecon**

- *false*
- *true*
- **GLTotalLvl**
- **MonthActAmt**
- **MonthAvgBalAmt**
- **MonthBalAmt**
- **OffReqType**
 - *false*
 - *true*
- **OrigBdgAmt**
- **PODPostAllwType**
 - *false*
 - *true*
- **PrtDlyRpt**
 - *false*
 - *true*
- **PrtSumRpt**
 - *false*
 - *true*
- **QtrAvgBalAmt**
- **QtrBalAmt**
- **QtrBegDt**
- **QtrEndDt**
- **StdBalType**
 - *Cr*
 - *Dr*
- **StdTrnType**
 - *Both*
 - *Cr*
 - *Dr*
- **WorkBdgAmt**

2012.1.02 Updates

The following new service was created:

- General Ledger Account Search

The following new messages were created:

- GLAcctSrchrq_MType
- GLAcctSrchrS_MType

The following new array was created:

- GLAcctSrchrRecArray_AType

The following new complex was created:

- GLAcctSrchrRec_CType

2013.1.00 Updates

The following new services were created:

- General Ledger History Search
- General Ledger Message Search

The following new messages were created:

- GLHistSrchrq_MType
- GLHistSrchrS_MType
- GLMsgSrchrq_MType
- GLMsgSrchrS_MType

The following new arrays were created:

- GLHistSrchrRecArray_AType
- GLMsgSrchrRecArray_AType

The following new complexes were created:

- GLHistSrchrRec_CType
- GLMsgSrchrRec_CType
- GLInfoMsgInqRec_CType

The following new simple elements with their corresponding canonical values were created:

- **GLCnsltdAcctId**
- **GLCostCtrDesc**
- **GLInqType**
 - *Cnsltd*
 - *Cur*
 - *PriorEOM*

- **TrnEntryTime**

The following messages were updated:

- FileMainSrchrq_MType
- FileMainSrchrS_MType
- GLAcctInqRq_MType
- GLAcctInqRs_MType

The following complex was updated:

- FileMainSrchrRec_CType

2013.1.02 Updates

The following new simple element was created:

- **ACHTraceId**

The following complexes were updated:

- ACHHistSrchrRec_CType
- GLMsgSrchrRec_CType

The following element was scheduled for deprecation:

- **ACHTraceNum** from ACHHistSrchrRec_CType

2013.1.03 Updates

The following complex was updated:

- GLAcctSrchrRec_CType

2018.7.06 Updates

The following complex was updated:

- GLHistSrchrRec_CType

2020.0.01 Updates

The following complex was updated:

- GLHistSrchrRec_CType

Human Resources Services Updates

This topic explains the updates to this service.

2015.0.07 Updates

The following simple element was created or updated:

PayType

Designates how a job/position is paid. Canonical values are:

- *Hourly*
- *OvertimeSalary*
- *Salary*

The following array was created:

- `JobRmkArray_AType`

The following complex was updated:

- `EmplJobInfoRec_CType`

2015.0.02 Updates

The following arrays were created:

- `GenEducArray_AType`
- `SkillsArray_AType`

The following complexes were created:

- `GenEducInfoRec_CType`
- `SkillsInfoRec_CType`

The following simple elements were created or updated:

EducGrade

Information identifying the grade submitted. For example, Grade Point Average (GPA), Pass, Fail.

EmplName

The employer name.

MltryCmpgnCode

The code identifying the campaign a military person served in.

SchoolName

The school name associated with a job applicant submission.

SkillsCode

The code identifying applicable skills.

SkillsDesc

The description of the code identifying applicable skills.

StudentStat

Identification of a student's status. Canonical values are:

- *Enroll*
- *Grad*
- *NotEnroll*

The following complexes were updated:

- `EmplAppInfoRec_CType`
- `JobExpcInfoRec_CType`

Identification Verification Updates

This topic explains the updates to this service.

2008.1 Updates

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `MsgRsHdr_CType`

IMS Services Updates

This topic explains the updates to this service.

2012.1.01 Updates

The following services were created:

- Credential Policy Inquiry
- Multi Factor Authentication Questions
- Multi Factor Authentication Watermark Search

The following messages were created:

- `CredPolInqRq_MType`
- `CredPolInqRs_MType`
- `MFAQnAPolInqRq_MType`

- MFAQnAPolInqRs_MType
- MFAWaterMarkSrchRq_MType
- MFAWaterMarkSrchRs_MType

The following complexes were created:

- GroupQuesRec_CType
- WaterMarkImgRec_CType

The following arrays were created:

- GroupQuesArray_AType
- WaterMarkImgArray_AType

The following simple element was created:

- **GroupDN**

The following messages were updated:

- GroupMbrInqRq_MType
- GroupMbrInqRs_MType

The following complex was updated:

- UsrSrchRec_CType

2012.1.02 Updates

The following service was created:

- ODI Service Credential

The following messages were created:

- ODISvcCredRq_MType
- ODISvcCredRs_MType

The following simple elements were created:

- **ServerName**
- **ServerIPAddr**
- **SQLInstcName**
- **SvcType**

2013.1.03 Updates

The following services have been deprecated, effective immediately. They have been removed from this Message Brief.

- MFA User Consumer Credential Add
- MFA User Consumer Credential Modification
- MFA User Consumer Credential Inquiry
- MFA User Consumer Credential Search
- MFA OTP Credential General
- MFA OTP Credential Validate

The following simple element was created:

- **LastFourTaxId**

The following complex was updated:

- `UsrCredInfo_CType`

2015.0.01 Updates

The following simple elements were created or updated:

GeoAltAccur

The geographic altitude accuracy.

RSAConvVal

The event conversion value used for migration from RSA[®] to Enterprise MFA services.

The following messages were updated:

- `MFAActRiskInqRq_MType`

The following complexes were updated:

- `DeviceGeoSig_CType`

2015.0.04 Updates

The following array was created:

- `MFAClaimArray_AType`

The following complex was created:

- `MFAClaimInfo_CType`

The following simple elements were created or updated:

MFAClaimType

The type of custom MFA claim. Canonical values are:

- *Pol*

MFAClaimVal

The value given to a custom MFA claim.

The following messages were updated:

- MFAActAddRq_MType
- MFAUsrQnAInqRq_MType
- MFAUsrQnAPoolInqRq_MType
- MFAUsrQnAValidateRq_MType

The following complex was updated:

- MFAEventInfo_CType

The following simple element was updated with a new canonical value:

MFAActEventType

The multifactor authentication activity events.

Canonical values for MFAActRiskInq are:

- *AddrMod*
- *AlertMod*
- *BilPayeeAdd*
- *BilPayeeMod*
- *ChkCopyRq*
- *ChkInq*
- *ChkOrderRq*
- *ChIngQuesMod*
- *Custom*
- *Dep*
- *EFTCardAct*
- *EFTCardRq*
- *EmailMod*
- *EstbNewAcct*
- *LogIn*
- *PhoneMod*
- *PINModRq*
- *Pmt*
- *PswdMod*
- *StmtCoyprRq*
- *StmtInq*

- *StmtParmMod*
- *UsrIdMod*
- *UsrAuthenMod*

Canonical values for `MFAActAdd` are:

- *AddlAuthRq*
- *FailEstbNewAcct*
- *FailLogIn*
- *FailPswdMod*

2018.4.02 Updates

The following service was created:

- Kerberos Token Inquiry

The following messages were created:

- `KerberosTokenInqRq_MType`
- `KerberosTokenInqRs_MType`

The following complexes were updated:

- `JESHdr_CType`
- `JESFaultHdr_CType`

2018.5.01 Updates

The following services were created:

- MFA Token Addition
- MFA Token Inquiry
- MFA Token Modification
- MFA Token PIN Modification
- MFA Token Temporary Password Inquiry
- MFA Token User Addition
- MFA Token User Inquiry
- MFA Token User Modification
- MFA Token Validate

The following messages were created:

- `MFATokenAddRq_MType`
- `MFATokenAddRs_MType`
- `MFATokenInqRq_MType`

- MFATokenInqRs_MType
- MFATokenModRq_MType
- MFATokenModRs_MType
- MFATokenPINModRq_MType
- MFATokenPINModRs_MType
- MFATokenTempPswdInqRq_MType
- MFATokenTempPswdInqRs_MType
- MFATokenUsrAddRq_MType
- MFATokenUsrAddRs_MType
- MFATokenUsrInqRq_MType
- MFATokenUsrInqRs_MType
- MFATokenUsrModRq_MType
- MFATokenUsrModRs_MType
- MFATokenValidateRq_MType
- MFATokenValidateRs_MType

The following complexes were created or updated:

- MFATokenInqInfo_CType
- MFATokenInqInfo_CType
- MFATokenInqInfoRec_CType
- MFATokenUsrInfo_CType
- MFATokenUsrInqRec_CType
- OTPInfo_CType

The following arrays were created or updated:

- MFATokenInqArray_AType
- MFATokenUsrArray_AType
- OTPArray_AType

The following simple elements were created or updated:

LastAuthenTimeDt

The last date/time stamp a user was authenticated. This is expressed in ISO 8601 time format and should contain either Zulu time or local time and the UTC offset. The format is `[-]CCYY-MM-DDThh:mm:ss[Z](+|-)hh:mm`. Valid values include:

- `2001-10-26T21:32:52`
- `2001-10-26T19:32:52Z`

- *2001-10-26T19:32:52+00:00*
- *-2001-10-26T21:32:52*
- *2001-10-26T21:32:52.12679*

The following examples all represent the same moment:

- *18:30Z*
- *22:30+04*
- *1130-0700*
- *15:00-3:30*

See <https://www.w3.org/TR/NOTE-datetime> for further reference.

MFATokenUsrStat

What is the status of the user binded with a token? Canonical values are:

- *Act*
- *Disable*
- *Lock*

PINExistType

Has the user been assigned a PIN? Canonical values are:

- *true*
- *false*

PINExpTimeDt

The date and time that a PIN expires. This is expressed in ISO 8601 time format and contains either Zulu time or local time and the UTC offset. The format is *[-]CCYY-MM-DDThh:mm:ss[Z](+|-)hh:mm*. Valid values include:

- *2001-10-26T21:32:52*
- *2001-10-26T19:32:52Z*
- *2001-10-26T19:32:52+00:00*
- *-2001-10-26T21:32:52*
- *2001-10-26T21:32:52.12679*

The following examples all represent the same moment:

- *18:30Z*
- *22:30+04*
- *1130-0700*
- *15:00-3:30*

See <https://www.w3.org/TR/NOTE-datetime> for additional reference.

PINExpType

Has the user PIN expired? Canonical values are:

- *true*
- *false*

PINForceResetType

Should a user be forced to change a PIN? Canonical values are:

- *True*
- *False*

TempPswdExpTimeDt

The date and time that a temporary password expires. This is expressed in ISO 8601 time format and should contain either Zulu time or local time and the UTC offset. The format is `[-]CCYY-MM-DDThh:mm:ss[Z|(+|-)hh:mm]`. Valid values include:

- *2001-10-26T21:32:52*
- *2001-10-26T19:32:52Z*
- *2001-10-26T19:32:52+00:00*
- *-2001-10-26T21:32:52*
- *2001-10-26T21:32:52.12679*

The following examples all represent the same moment:

- *18:30Z*
- *22:30+04*
- *1130-0700*
- *15:00-3:30*

See <https://www.w3.org/TR/NOTE-datetime> for additional reference.

TempPswdUseType

The temporary password usage type. Canonical values are:

- *NoExp*
- *OneTime*

TokenId

The identifier assigned to a token.

UsrTokenDesc

A human-readable description assigned to a user token.

UsrTokenStat

What is the status of the token bound to a specific user? Canonical values are:

- *Act*
- *InAct*
- *Del*
- *Init*
- *Disable*
- *Lock*

UsrTokenUpdTimeDt

The date and time that a user token updated. This is expressed in ISO 8601 time format and should contain either Zulu time or local time and the UTC offset. The format is `[-]CCYY-MM-DDThh:mm:ss[Z](+|-)hh:mm]`. Valid values include:

- *2001-10-26T21:32:52*
- *2001-10-26T19:32:52Z*
- *2001-10-26T19:32:52+00:00*
- *-2001-10-26T21:32:52*
- *2001-10-26T21:32:52.12679*

The following examples all represent the same moment:

- *18:30Z*
- *22:30+04*
- *1130-0700*
- *15:00-3:30*

See <https://www.w3.org/TR/NOTE-datetime> for additional reference.

2019.0.01 Updates

The following service was added:

- `SAMLTokenCert`

The following messages were created:

- `SAMLTokenCertRq_MType`
- `SAMLTokenCertRs_MType`

The following complexes were created or updated:

- `AttributeRec_CType`

The following array was created:

- `AttributeArray_AType`

The following simple elements were created or updated:

AuthenUsrBinaryCred

The authentication user credential in a binary format.

RelyingPartyName

The system entity that receives and accepts information from another system entity.

2019.0.04 Updates

The following services were added:

- EDPP Person Search
- EDPP Person Product Dictionary Inquiry
- EDPP Person Product Modification

The following messages were created:

- EDPPPersonProdDictInqRq_MType
- EDPPPersonProdDictInqRs_MType
- EDPPPersonProdModRq_MType
- EDPPPersonProdModRs_MType
- EDPPPersonSrchRq_MType
- EDPPPersonSrchRs_MType

The following complexes were created or updated:

- DictRsInfoRec_CType
- ProdRsInfoRec_CType

The following arrays were created or updated:

- DictRsArray_AType
- ProdRsArray_AType

The following simple elements were created or updated:

CustStatType

The status of a customer. Canonical values are:

- *Active*
- *Dormant*
- *Decrease*
- *NoExist*
- *NonCust*

DictDataName

The dictionary entry name.

DictDataState

The state of the request for the data dictionary. Canonical values are:

- *Dlt*
- *Retain*

DictDataVal

The value of the dictionary entry name.

EDPPDictName

The dictionary name used for EDPP processes.

EDPPDictVer

The version of the dictionary used for EDPP processes.

2019.0.05 Updates

The following services were migrated from JH to TPG:

- *MFAActAdd*
- *MFAActRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrQnAIInq*
- *MFAUsrQnAPoolInq*
- *MFAUsrQnAValidate*

2021.0.02 Updates

The following service was added:

- Kerberos EIM Inquiry

The following messages were created:

- *KerberosEIMInqRq_MType*
- *KerberosEIMInqRs_MType*

Internet Identification Services Updates

This topic explains the updates to this service.

2024.2.02

The following messages were updated:

- `IntnetFinInstIdInqRq_MType`
- `IntnetFinInstIdInqRs_MType`

2023.1.01 Updates

The following messages were created or updated:

- `IntnetFinInstIdPINModRq_MType`

The following simple elements were created:

NewUsrPswd

The new password for the user.

OldUsrPswd

The old password for the user.

2023.0.03 Updates

The following complex elements were created or updated:

- `CashMgmtAcctInfo_CType`
- `IntnetCashMgmtInfoRec_CType`
- `IntnetFeeChgInfo_CType`
- `IntnetInfoRec_CType`

The following array was created:

- `IntnetFeeChgArray_AType`

The following simple elements were created or updated:

IntnetCatType

Defines the category related to the internet identifier. Canonical values are:

- *Bus*
- *Retail*

IntnetFeeChgType

Defines the type of internet identifier fee charge. Canonical values are:

- *ACHItem*
- *ACHBatch*

IntnetFeeRecurType

Is the internet fee charge a recurring fee charge? Canonical values are:

- *true*
- *false*

IntPmtAlw

Is an interest payment allowed?

- *true*
- *false*

PrinPmtAlw

Is a principal payment allowed? Canonical values are:

- *true*
- *false*

2015.0.07 Updates

The following service was created:

- Internet Financial Institution User Authentication Inquiry

The following messages were created:

- `IntnetFinInstUsrAuthenInqRq_MType`
- `IntnetFinInstUsrAuthenInqRs_MType`

2014.0.07 Updates

The following complex was updated:

- `IntnetFinInstACHXferInfo_CType`

2012.1.03 Updates

The following services were created:

- Internet Financial Institution Identification Modification
- Internet Financial Institution Identification User Modification

The following messages were created:

- `IntnetFinInstIdModRq_MType`

- `IntnetFinInstIdModRs_MType`
- `IntnetFinInstIdUsrModRq_MType`
- `IntnetFinInstIdUsrModRs_MType`

The following complexes were created:

- `IntnetFinInstIdMod_CType`

The following messages were updated:

- `IntnetFinInstIdInqRq_MType`
- `IntnetFinInstIdInqRs_MType`
- `IntnetFinInstIdUsrInqRq_MType`
- `IntnetFinInstIdUsrInqRs_MType`

The following complex was updated:

- `IntnetFinInstIdUsrRec_CType`

2012.0.02 Updates

The following simple element and its canonical values were created:

- **AdminActAlw** - Answers the question: Does the enrolled internet user have access to administration functions? Canonical values are:
 - *false*
 - *Part*
 - *true*
 - *ViewOnly*

2012.0.01 Updates

The following array was created:

- `CashMgmtUserInfoArray_AType`

The following simple elements and their canonical values were created:

- **AcctReconExcpAlw** - The canonical values are *true* or *false*. The default is *false*.
- **AliasUsrName**
- **ExtcFldrName**
- **IntnetAcptTimeDt**
- **IntnetIdState** - The canonical values are *Active*, *Del*, *Dorm*, *Lock*, or *Null*. The default is *Active*.
- **IntnetOrigPIN**
- **LastFailLoginTimeDt**

- **SecTokenInUse** - The canonical values are *true* or *false*. The default is *false*.

The following complexes were updated:

- `IntnetFinInstIdUserInfoRec_CType`
- `IntnetInfoRec_CType`
- `x_IntnetCashMgmtInfoRec_CType`

2011.1.01 Updates

The following messages were updated:

- `IntnetFinInstIdPINModRq_MType`
- `IntnetFinInstIdPINModRs_MType`

The following simple element was updated:

- `PINActnType`
 - *Unlock* is no longer a canonical value. *Reset* is the default.

2010.0 Updates

The following services were created:

- Internet Financial Institution Id Add Validate
- Internet Financial Institution Account Id Add Validate

The following messages were created:

- `IntnetFinInstIdAddValidateRq_MType`
- `IntnetFinInstIdAddValidateRs_MType`
- `IntnetFinInsAccttIdAddValidateRq_MType`
- `IntnetFinInsAccttIdAddValidateRs_MType`

2008.1 Updates

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `MsgRsHdr_CType`

Interest Rate Services Updates

This topic explains the updates to this service.

2015.0.05 Updates

The following services were created:

- Interest Rate Addition
- Interest Rate Inquiry
- Interest Rate Modification

The following messages were created:

- `IntRateAddRq_MType`
- `IntRateAddRs_MType`
- `IntRateInqRq_MType`
- `IntRateInqRs_MType`
- `IntRateModRq_MType`
- `IntRateModRs_MType`

The following complexes were created:

- `IntRateInfoRec_CType`
- `IntRateInqRec_CType`

The following simple elements were created:

- **RateIdxSrcName**
- **RateIdxSrcFreqDesc**
- **RateIdxStatType** - The canonical values are *Act* and *InAct*

The following complex was updated:

- `IntRateSrchRec_CType`

2021.0.03 Updates

The following complexes were updated:

- `IntRateInfoRec_CType`
- `IntRateInqRec_CType`

Line of Credit Services Updates

This topic explains the updates to this service.

2008.1 Updates

The following new arrays were created:

- `LOCAcctSrchRecArray_AType`
- `LOCSrchRecArray_AType`

The following new simple elements were created:

- `LOCFeeAcctId`
- `LOCFeeAcctType`
- `LOCNxtRedDt`
- `LOCRedPct`
- `LOCRedRvwFreq`
- `LOCRedRvwFreqUnits`
- `LOCSchedRedAmt`

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `LOCAcctSrchRs_MType`
- `LOCRec_CType`
- `LOCSrchRs_MType`
- `MsgRsHdr_CType`

2009.1 Updates

The following new service was created:

- Line of Credit Addition Validation

The following new complexes were created:

- `LOCAddValidateRq_MType`
- `LOCAddValidateRs_MType`

2011.1.01 Updates

The following new simple elements and their canonical values were created:

- `ActIntent`

- *Dlt*
- *ReadOnly*
- *Upd*
- `ActIntentKey`

The following messages were updated:

- `LOCAcctInqRq_MType`
- `LOCAcctInqRs_MType`
- `LOCModRq_MType`

2012.0 Updates

The following new service was created:

- Letter of Credit Inquiry

The following new messages were created:

- `LtrOfCrInqRq_MType`
- `LtrOfCrInqRs_MType`

The following new array was created:

- `LOCQtrAmtInfoArray_AType`

The following complexes were created:

- `LOCQtrAmtInfoRec_CType`
- `LtrOfCrInqRec_CType`

The following new simple elements and their canonical values were created:

- `LOCAdjAmt`
- `LOGdnceAvlBal`
- `LOGdnceBal`
- `LOGdnceBorwAck`
- `LOGdnceOrder`
- `LOGdnceRedType`
 - *AvlBal*
 - *LOCAmt*
- `LOGdnceType`
 - *false*
 - *true*
- `LOCPrincRedAmt`

The following complexes were updated:

- `LOCRec_CType`
- `LOCAcctInqRec_CType`
- `LOCAcctSrchRec_CType`
- `LOCSrchRec_CType`

2012.0.03 Updates

The following messages were updated:

- `LtrOfCrInqRq_MType`
- `LtrOfCrInqRs_MType`

2015.0.07 Updates

The following messages were updated:

- `LOCAcctSrchRq_MType`
- `LOCSrchRq_MType`

2018.7.07 Updates

The following simple element was created:

LOCAvICalcType

Defines the availability calculation method for credit lines. The canonical values are:

- `LOCamt` - Credit Line Amount
- `LOCCurBal` - Loan Balance

The following complexes were updated:

- `LOCRec_CType`
- `LtrOfCrInqRec_CType`

2018.7.08 Updates

The following simple elements were created:

MultiLvlLndType

Defines the multilevel lending type. Canonical values are:

- *Commit*
- *Master*

- *Tranche*

PrincPmtMthd

Defines the calculation/method of principal payment for multilevel lending. Canonical values are:

- *CurBal* - based off the outstanding loan balance to the tranche balance
- *MatDt* - based off the maturity date. Funds would be paid off starting with the earliest maturity date
- *OrigBal* - based off the original loan amount to the tranche balance
- *OrigLnDt* - based off the original loan date. Payments would be made to the oldest loan date

RateCapRevDayOfMonth

The day of the month for rate cap reviews. This code is only required if the rate cap review date is the 29th of the month.

The following complexes were updated:

- `LOCRec_CType`
- `LtrOfCrInqRec_CType`

2018.7.09 Updates

The following simple element was created:

RecCnt

The total count of records.

The following complexes were updated:

- `LOCRec_CType`
- `LtrOfCrInqRec_CType`

2021.0.07 Updates

The following services were added:

- Line of Credit Construction In Process Addition
- Line of Credit Construction In Process Inquiry
- Line of Credit Construction In Process Modification
- Line of Credit Construction In Process Search

The following messages were created:

- `LOCConstInProcAddRq_MType`
- `LOCConstInProcAddRs_MType`

- `LOCConstInProcInqRq_MType`
- `LOCConstInProcInqRs_MType`
- `LOCConstInProcModRq_MType`
- `LOCConstInProcModRs_MType`
- `LOCConstInProcSrchRq_MType`
- `LOCConstInProcSrchRs_MType`

The following complex elements were created or updated:

- `ConstInProcSrchInfo_CType`
- `ConstInProcSrchRec_CType`
- `LOCAcctInqRec_CType`

The following array was created:

- `ConstInProcSrchArray_AType`

2023.1.02 Updates

The following complex elements were created or updated:

- `LOCRec_CType`
- `LtrOfCrInqRec_CType`

The following simple element was created:

MLLIncCombStmt

Include on combined statement? Indicates if this account is to be included in combined statement information. Canonical values are:

- *false*
- *true*

Loan Application Register Services Updates

This topic explains the updates to this service.

2009.1 Updates

The following new service was created:

- Loan Application Register Addition Validation

The following new complexes were created:

- `LnAppRgtrAddValidateRq_MType`
- `LnAppRgtrAddValidateRs_MType`

Loan Payment Schedule Services Updates

This topic explains the updates to this service.

2009.1 Updates

New Service:

- Loan Payment Schedule Addition Validation

New Complexes:

- LnPmtSchedAddValidateRq_MType
- LnPmtSchedAddValidateRs_MType

Loan Services Updates

This topic explains the updates to this service.

2025.0.01 Updates

The following complex element was created or updated:

- LnAcctInfo_CType

The following simple element was created or updated:

LnDesc

A loan-level loan identification description.

2024.1.00 Updates

The following message was created or updated:

- LnFeeModRq_MType

2023.1.03 Updates

The following complex element was created or updated:

- LnRealEstateInfo_CType

The following simple elements were created or updated:

DefrComingDueNotDt

The deferral coming due notice date.

DefrConDt

The deferral contact date.

2023.1.02 Updates

The following service was created:

- Multilevel Lending Loan Bill Search

The following messages were created or updated:

- `MLLLnBilSrchrq_MType`
- `MLLLnBilSrchrRs_MType`

The following complex elements were created or updated:

- `LnAcctInfo_CType`
- `MasterRec_CType`
- `MLLLnBilSrchrRec_CType`

The following array was created or updated:

- `MLLLnBilSrchrRecArray_AType`
- `MLLRmkArray_AType`

The following simple element was created:

MLLIncCombStmt

Include on combined statement? Indicates if this account is to be included in combined statement information. Canonical values are:

- *false*
- *true*

OrigBorwDebtIncmPct

The ratio of the borrower's debt to income.

OrigCoBorwDebtIncmPct

The ratio of the co-borrower's debt to income.

OrigDebtSvcRatio

The original ratio of the amount subject to debt service.

2023.1.01 Updates

The following complex elements were created or updated:

- `AcctId_CType`
- `LnInfoRec_CType`
- `TrancheInfoRec_CType`

The following simple element was created:

AccrBilMthd

The accrual billing method. Canonical values are:

- `ActualSchedDueDt` - Accruals billed as of the actual scheduled due date.
- `BilDt` - Accruals billed as of the billing date.
- `DueDt` - Accruals billed as of the due date.
- `ThruActualSchedDueDt` - Accruals billed through the actual scheduled due date.
- `ThruDueDt` - Accruals billed through the due date.

2023.1.00 Updates

The following complex element was created or updated:

- `LnAdd_CType`
- `LnMod_CType`
- `PromoInfo`

The following array was created or updated:

- `IncXtendElemArray_AType`

The following simple elements were created or updated:

PromoCode

The code that identifies a promotion.

PromoDesc

The description of the code that identifies a promotion.

2023.0.02 Updates

The following complex element was updated:

- `LnRateInfo_CType`

2022.1.06 Updates

The following complex element was updated:

- `LnInfoRec_CType`

2022.1.03 Updates

The following complex elements were created or updated:

- `MasterLoanSrchRec_CType`

- `MasterRec_CType`
- `MasterSrchRec_CType`

The following array was created:

- `MasterLoanSrchRecArray_AType`

2022.0.01 Updates

The following services were created:

- Loan Shadow Inquiry
- Loan Shadow Modification

The following messages were created:

- `LnShdwInqRq_MType`
- `LnShdwInqRs_MType`
- `LnShdwModRq_MType`
- `LnShdwModRs_MType`

The following complex elements were created or updated:

- `LnShdwInqRec_CType`
- `LnShdwInfo_CType`

The following simple elements were created or updated:

CondNotf

The conditions that exist on an account or customer to notify the consumer to use another service. Canonical values are:

- *AcctAnlys*
- *AcctCombStmt*
- *AcctProdOvrrd*
- *AcctRecon*
- *AcctSweep*
- *ACHEDI*
- *AddrAcct*
- *AddrIRSRpt*
- *AddrNot*
- *AddrOvrrd*
- *AddrPmts*
- *AddrSeasonal*
- *AddrStmt*

- *AlertMsg*
- *CollatMsg*
- *CollatTrack*
- *ColMsg*
- *EnhAcctAnlys*
- *Escrw*
- *FASB91*
- *FraudAlert*
- *InstDefFld*
- *LnPmtSched*
- *LnRateSched*
- *LnUnit*
- *LineOfCr*
- *MemoPost*
- *Msg*
- *ODProt*
- *PlnBenf*
- *RateSwap*
- *RealEstateProp*
- *StopAlerts*
- *StopHold*
- *StopPay*
- *Stops*
- *StopSpecInstr*
- *TimeDepRenOvrrd*
- *XferACH*
- *XferFut*

LnShdwProcDt

The date the loan was placed into the shadow system.

LnShdwGLPrinBal

The total principal balance of the shadow loan. The financial institution Owned and Sold balances if applicable held on the general ledger.

LnShdwIntPrin

The total amount of interest applied to principal.

LnShdwAccrInt

The amount of shadow accrued interest.

LnShdwGLBookAccrInt

The amount of the loan shadow general ledger book accrued interest.

LnShdwGLBookBal

The FI-owned portion of a shadow loan held on the general ledger.

SyncShdwSoldLnType

Synchronize parent loan with sold loans when the parent loan is placed on shadow processing? Canonical values are:

- *true*
- *false*

2021.0.07 Updates

The following services were added:

- Loan Rate Swap Inquiry
- Loan Rate Swap Addition
- Loan Rate Swap Modification

The following messages were created:

- LnRateSwapInqRq_MType
- LnRateSwapInqRs_MType
- LnRateSwapModRq_MType
- LnRateSwapModRs_MType
- LnRateSwapAddRq_MType
- LnRateSwapAddRs_MType

The following complex elements were created or updated:

- RateSwapInqRec_CType
- RateSwapInfo_CType

The following simple elements were created or updated:

CondNotf

The conditions that exist on an account or customer to notify the consumer to use another service. Canonical values are:

- *AcctAnlys*
- *AcctCombStmt*
- *AcctProdOvrrd*
- *AcctRecon*
- *AcctSweep*
- *ACHEDI*

- *AddrAcct*
- *AddrIRSrpt*
- *AddrNot*
- *AddrOvrrd*
- *AddrPmts*
- *AddrSeasonal*
- *AddrStmnt*
- *AlertMsg*
- *CollatMsg*
- *CollatTrack*
- *ColMsg*
- *EnhAcctAnlys*
- *Escrw*
- *FASB91*
- *FraudAlert*
- *InstDefFld*
- *LnPmtSched*
- *LnRateSched*
- *LnUnit*
- *LineOfCr*
- *MemoPost*
- *Msg*
- *ODProt*
- *PlnBenf*
- *RateSwap*
- *RealEstateProp*
- *StopAlerts*
- *StopHold*
- *StopPay*
- *Stops*
- *StopSpecInstr*
- *TimeDepRenOvrrd*
- *XferACH*
- *XferFut*

PenAmt

The penalty amount.

RateSwapStatType

The status of the interest rate swap. Canonical values are:

- *Act*
- *InAct*

2021.0.03 Updates

The following complex was updated:

- `LnRateInfo_CType`

The following simple elements were created or updated:

BackdateRateChngType

Does this loan backdate based on the rate change? Canonical values are:

- *true*
- *false*

BegFactorIdxDt

The beginning date of the factor index.

FactorIdx

The factor index.

RateIdxType

Will the rate or index type be used? Canonical values are:

- *Rate* - default value
- *Idx*

2020.1.04 Updates

The following complexes were created or updated:

- `TrancheAdd_CType`
- `TrancheInqRec_CType`
- `TrancheInwLOCInfo_CType`
- `TrancheSrchRec_CType`

2020.1.03 Updates

The following complexes were updated:

- `LnFeeInfo_CType`
- `LnRateInfo_CType`

The following simple elements were created:

BusCalDayType

Designates whether business or calendar days. Canonical values are:

- *Bus*
- *Cal*

LOCRecurFeeCalcType

The recurring fee calculation type for a line of credit.

LOCRecurFeePct

The line of credit recurring fee percentage.

RateLookbackDays

The number of days to look back at the index for the rate.

2019.0.04 Updates

The following service was migrated from JH to TPG:

- Loan Servicing Inquiry

2019.0.03 Updates

The following complex was updated:

- `LnPrtcpInqRec_CType`

2018.7.10 Updates

The following complex was updated:

- `LnAcctInfo_CType`

The following simple element was created or updated:

LnPmtToIncmPctV2

The loan payment to household income ratio. Percentages are expressed as a decimal where 100 percent would be expressed as 1.00, and 3.25 percent would be expressed as .0325. To convert to a percent, this number is multiplied by 100. Version 2 was added because certain providers handled the earlier version incorrectly.

2018.7.08 Updates

The following services were added:

- Multi Level Lending Master Relationship Addition
- Multi Level Lending Master Relationship Inquiry

- Multi Level Lending Master Relationship Modification
- Multi Level Lending Relationship Search
- Multi Level Lending Tranche Relationship Addition
- Multi Level Lending Tranche Relationship Inquiry
- Multi Level Lending Tranche Relationship Modification

The following messages were created:

- MLLMasterRelAddRq_MType
- MLLMasterRelAddRs_MType
- MLLMasterRelInqRq_MType
- MLLMasterRelInqRs_MType
- MLLMasterRelModRq_MType
- MLLMasterRelModRs_MType
- MLLRelSrchRq_MType
- MLLRelSrchRs_MType
- MLLTrancheRelAddRq_MType
- MLLTrancheRelAddRs_MType
- MLLTrancheRelInqRq_MType
- MLLTrancheRelInqRs_MType
- MLLTrancheRelModRq_MType
- MLLTrancheRelModRs_MType

The following complexes were created or updated:

- CommitSrchRec_CType
- MasterInqRec_CType
- MasterRec_CType
- MasterSrchRec_CType
- TrancheAcctInfo_CType
- TrancheAdd_CType
- TrancheInfoRec_CType
- TrancheInqAcctInfo_CType
- TrancheInqInfoRec_CType
- TrancheInqPmtInfo_CType
- TrancheInqRateInfo_CType
- TrancheInqRec_CType
- TranchePmtInfo_CType
- TrancheRateInfo_CType

- `TrancheRec_CType`
- `TrancheSrchRec_CType`

The following arrays were created or updated:

- `CommitSrchRecArray_AType`
- `MasterSrchRecArray_AType`
- `TrancheSrchRecArray_AType`

The following simple elements were created or updated:

MultiLvlLndType

Defines the multilevel lending type. Canonical values are:

- *Commit*
- *Master*
- *Tranche*

PrincPmtMthd

Defines the calculation/method of principal payment for multilevel lending. Canonical values are:

- *CurBal* - based off the outstanding loan balance to the tranche balance
- *MatDt* - based off the maturity date. Funds would be paid off starting with the earliest maturity date
- *OrigBal* - based off the original loan amount to the tranche balance
- *OrigLnDt* - based off the original loan date. Payments would be made to the oldest loan date

RateCapRevDayOfMonth

The day of the month for rate cap reviews. This code is only required if the rate cap review date is the 29th of the month.

2018.6.01 Updates

The following complex was updated:

- `LnAcctInfo_CType`

2018.4.03 Updates

The following simple element was created or updated:

RestructuredDt

The date the loan was restructured.

The following complexes were updated:

- `LnAcctInfo_CType`

2018.4.02 Updates

The following simple elements were created or updated:

BusDayRateRevType

Business or calendar days to look at for rate review changes. Canonical values are:

- *Prev* - Previous business day
- *Nxt* - Next business day
- *Cur* - Current calendar day

NonBusDayRateRevType

Used when the rate review date falls on a non-processing day. Canonical values are:

- *Prev* - Previous business day
- *Nxt* - Next business day
- *NxtCurMonth* - Next current month, which functions like next business day unless the non-processing day occurs at month-end, in which case the previous business day is used.

The following complex was updated:

- `LnRateInfo_CType`

2017.3.02 Updates

The following simple elements were created or updated:

PMIPmtAmt

The PMI payment amount.

PMIPmtPart

The partial PMI payment amount.

PMIPmtPrevYTD

The year-to-date (YTD) previous PMI payments.

PMIPmtYTD

The year-to-date (YTD) PMI payments.

PMIPrepaidAmt

The prepaid PMI amount.

The following complex was updated:

- `EscrwPmtBalInfoRec_CType`

2017.3.01 Updates

The following simple elements were created or updated:

AppDt

The date the application was accepted.

ApprVal

Used for bank informational purposes in tracking appraised value of collateral.

AppStatCode

The status or disposition of an application.

AutoUndrwrtRsltCode

The code that identifies the automated underwriting system result. Canonical values are:

- *Acpt*
- *ApprvElgb*
- *ApprvInelgb*
- *Caution*
- *Elgb*
- *Err*
- *InCmplt*
- *Inelgb*
- *Inv*
- *Oth*
- *OutScope*
- *Refer*
- *ReferCaution*
- *ReferElgb*
- *ReferInelgb*
- *Unknown*

AutoUndrwrtRsltDesc

The description of the code that identifies the automated underwriting system result.

AutoUndrwrtRsltVal

Automated underwriting system result name free-form text value.

AutoUndrwrtSysCode

The code that identifies the automated underwriting system used to obtain a decision. Canonical values are:

- *DU*
- *GUS*
- *LnProsp*
- *Oth*
- *TOTAL*

AutoUndrwrtSysDesc

The description of the code that identifies the automated underwriting system used to obtain a decision.

AutoUndrwrtSysVal

Automated underwriting system name free-form text value.

BallPmtType

Whether the mortgage applied for requires a balloon payment. Canonical values are:

- *false*
- *true*

BenflOwnExclCode

The exclusion code for being exempt from FinCEN Customer Due Diligence (CDD) regulation.

BenflOwnExclDesc

The exclusion description for being exempt from FinCEN Customer Due Diligence (CDD) regulation.

BenflOwnId

Identifies which beneficial owner record.

BenflOwnType

The type of beneficial ownership as it relates to FinCEN Customer Due Diligence (CDD). Canonical values are:

- *Cntl* - Controlling individual/significant responsibility
- *Own* - Beneficial owners
- *CntlOwn* - Both controlling individual and beneficial owner

BorwGender

The borrower's gender. Canonical values are:

- *Female*
- *Male*

- *NotPrvd*

BorwIncmAmt

The borrower's income.

BorwRaceCode

The code that references the borrower's race. Canonical values are:

- *AfroAm*
- *Asia*
- *AsiaInd*
- *Cau*
- *CHN*
- *GUM*
- *HI*
- *HIPacIsInd*
- *JPN*
- *KOR*
- *OthAsia*
- *OthPaclIsInd*
- *PHL*
- *USIndAk*
- *VNM*
- *WSM*

BorwRaceColType

Race collected through visual observation or surname. Canonical values are:

- *Visual*
- *NonVisual*
- *NA*

BorwRaceVal

Race of borrower free form text value.

BusCommType

If the mortgage applied for is primarily for a business or commercial purpose.

Canonical values are:

- *false*
- *true*

City

The city name.

CntlIndivTitle

Title of the individual with significant responsibility to control, manage, or direct a legal entity customer, as defined by FinCEN Customer Due Diligence (CDD).

CoBorwGender

The co-borrower's gender. Valid options are:

- *Female*
- *Male*
- *Other*

CoBorwIncmAmt

The co-borrower's income.

CoBorwRaceCode

The code that references the co-borrower's race.

CoBorwRaceVal

The race of co-borrower free form text value.

CombLTV

The combined LTV ratio. This might include second mortgages.

CRACenTract

Census tract information for Community Reinvestment Act reporting.

CRACountyCode

County code for Community Reinvestment Act reporting.

CrAppCode

The code that further defines the type of loan credit application.

CrScoreModelCode

The code that identifies the name and version of a credit scoring model.

Canonical values are:

- *Equifax*
- *Experian*
- *FICO04*
- *FICO98*
- *Multi*
- *Oth*
- *VantgScore2*
- *VantgScore3*

CrScoreModelDesc

The description of the code that identifies the name and version of a credit scoring model.

CrScoreModelVal

The credit score model name free-form text value.

DenialRsnCode

The code that references the reason a loan application was not approved or denied.

DenialRsnVal

The denial reason free form text value.

EthnicColType

Ethnicity of an individual collected through visual observation or surname.

- *NA*
- *NonVisual*
- *Visual*

EthnicType

The ethnicity of an individual. Canonical values are:

- *Cuban*
- *Latino*
- *Mexican*
- *NA*
- *OptOut*
- *Oth*
- *OthHis*
- *PuertoRican*

EthnicVal

Individuals' *Other* Hispanic or Latino ethnicities free-form text value.

ExcOwnPct

The exception/override percentage for the legal entity customer, as it relates to FinCEN Customer Due Diligence (CDD).

ExcPctRsnCode

The exception/override percentage reason as it relates to FinCEN Customer Due Diligence (CDD).

GenderColType

Individual's gender, collected by visual observation or surname. Canonical values are:

- *Visual*
- *NonVisual*
- *NA*

HOEPASat

The status of the Home Ownership and Equity Protection Act loan. Canonical values are:

- *HighCostMtg*
- *NA*
- *NotHighCostMtg*

IdVerifyCode

The identification code that is used to authenticate the customer.

IdVerifyQuery

A description of the query/question that could be used for customer/account identification purposes. Canonical values are:

- *ConDt*
- *DocType*
- *ExpDt*
- *IssDt*
- *IssLoc*
- *IssState*
- *VerifId*

IdVerifyRsnCode

The reason code the beneficial owner information was verified as it relates to FinCEN Customer Due Diligence (CDD).

IdVerifyRsnDesc

The description reason the beneficial owner information was verified as it relates to FinCEN Customer Due Diligence (CDD) regulation.

InclNaAppDtType

Whether to include not applicable (NA) application dates. Canonical values are:

- *false*
- *true*

InitialPayInstType

Identifies that initial payments are made to your institution. Canonical values are:

- *Inst* - initially payable to your institution

- *NotInst* - not initially payable to your institution
- *NA* - not applicable

IntOnlyType

If the mortgage applied for requires interest only. Canonical values are:

- *false*
- *true*

IntRate

The interest rate.

LegalEntityId

The customer's Legal Entity Identifier (LEI).

LienStatCode

The code that references the status of the lien for a loan application.

LnFeeAmt

The amount of specific loan fees collected.

LnOrigId

The Loan Originator's unique identifier as assigned by the Nationwide Mortgage Licensing System and Registry (NMLSR).

LnUnvid

The loan universal identifier. The ULI must begin with the institution's legal entity identifier described in *1003.5(a)(3)*, followed by up to 25 additional characters to identify the loan or application. These characters must be letters, numbers, symbols, or a combination.

MaritalStatType

The marital status of a person. Canonical values are:

- *Divorce*
- *Married*
- *Separated*
- *Single*
- *Widow*

MHLandPropIntCode

The code that describes the manufactured home land property interest. Canonical values are:

- *DirectOwn*
- *IndirectOwn*
- *PDLease*

- *UnpaidLease*

MHLandPropIntDesc

The description of the code that describes the manufactured home land property interest. Examples are:

- Direct Ownership
- Indirect Ownership
- Paid Leasehold

MHSecuredPropCode

The code that describes the manufactured home secured property. Canonical values are:

- *Land*
- *NoLand*
- *NA*

MHSecuredPropDesc

The description of the code that describes the manufactured home secured property. Examples are:

- Manufactured Home and Land
- Manufactured Home Only

NegAmrtzType

If the mortgage applied for allows for negative amortization. Canonical values are:

- *false*
- *true*

NonFullAmrtzType

If the mortgage applied for has non-fully amortizing features. Canonical values are:

- *false*
- *true*

NumUnit

The number of units in the mortgaged property.

OccupCode

The code that references the occupancy of the property. Canonical values are:

- *NA*

- *NotOwnOcc*
- *OwnOcc*

OpenEndLOCType

If the mortgage applied for is an open-end line of credit. Canonical values are:

- *false*
- *true*

PreApprvAppCode

The code that references the pre-approval process for a loan application.

PropCode

The code that identifies the type of loan for compliance with [Inter-Agency Guidelines to Real Estate Lending Standards](#). Canonical values are:

- *Fam*
- *MH*
- *MultiDwell*

PropEstVal

The estimated value of real estate property.

PropPostalCode

The ZIP code where the property is located.

PropState

The state where the property is located.

PrtBilNotCode

Print billing notice indicates if the loan is to receive a billing notice.

RateSpread

The spread between the APR on the mortgage and the rate on Treasury securities.

ReqLegalEntityType

Is this customer required to be reported as a legal entity? Canonical values are:

- *false*
- *true*

RmvBenflOwnDt

The date the beneficial owner was removed, as it relates to FinCEN Customer Due Diligence (CDD).

RvrMtgType

If the mortgage applied for is a reverse mortgage. Canonical values are:

- *false*
- *true*

SbmAppType

Identifies how a loan application was submitted. Canonical values are:

- *Direct*
- *NotDirect*
- *NA*

SecdMtgCode

The code that represents the type of secondary mortgage activity. Canonical values are:

- *AflInst*
- *CommBank*
- *FAMC*
- *FHLMC*
- *FNMA*
- *GNMA*
- *InsFi*
- *Oth*
- *PrivSec*

StreetAddr1

The street address.

StreetAddr2

The second line of the street address.

StreetAddr3

The third line of the street address.

TermCnt

The integer length of the term.

TotDebtPct

The ratio of the total monthly housing expenses plus the total of other debts to the borrower's monthly income.

VerifyDt

Date of verification of beneficial owners as it relates to FinCEN Customer Due Diligence (CDD).

The following messages were updated:

- `LnAppRgtrSrchrq_MType`

- LnAppRgtrSrchrRs_MType

The following complexes were created:

- BorwEthnicRec_CType
- CoBorwEthnicRec_CType
- BorwCrScoreRec_CType
- CoBorwCrScoreRec_CType
- AutoUndrwrtInfoRec_CType

The following complexes were updated:

- LnAcctInfo_CType
- BorwRaceInfo_CType
- ResLnAppRgtrInfo_CType
- DenialRsnInfo_CType
- LnAppBorwInfo_CType
- LnAppCoBorwInfo_CType
- LnAppRgtrSrchrRec_CType

The following arrays were created:

- BorwEthnicArray_AType
- CoBorwEthnicArray_AType
- BorwCrScoreArray_AType
- CoBorwCrScoreArray_AType
- AutoUndrwrtArray_AType

2017.2.03 Updates

The following service was created:

- Loan Rate Schedule Addition Validate

The following messages were created:

- LnRateSchedAddValidateRq_MType
- LnRateSchedAddValidateRs_MType

2017.2.02 Updates

The following complex was created:

- TaxRptPropDescRec_CType

The following complex was updated:

- LnRealEstateInfo_CType

The following array was created:

- TaxRptPropDescArray_AType

2017.0.03 Updates

The following service was created:

- Loan Rate Schedule Addition

The following messages were created:

- LnRateSchedAddRq_MType
- LnRateSchedAddRs_MType

The following messages were updated:

- LnRateSchedInqRs_MType
- LnRateSchedInqRq_MType
- LnRateSchedModRq_MType
- LnRateSchedModRs_MType
- LnRateSchedSrchRq_MType
- LnRateSchedSrchRs_MType

The following simple element was created or updated:

LnRegZType

Indicates that the loan must comply with TILA's Regulation Z (12 CFR part 226).
Canonical values are:

- *false*
- *true*

The following complexes were updated:

- LnRateSchedInfoRec_CType
- LnRateSchedSrchRec_CType
- LnRateSchedInqRec_CType

The following array was updated:

- LnRateSchedSrchArray_AType

2017.0.01 Updates

The following simple element was created or updated:

FraudSusType

Answers the question: Is the entity subject a possible fraud suspect? Canonical values are:

- *false*
- *true*

The following complex was updated:

- LnRegRptInfo_CType

2016.1.01 Updates

The following simple element was created or updated:

CrtBILDOM

The specific day of the month to create a loan bill/statement (rather than number of days before due date to print bills - **BillLeadDays**).

NumProp

The number of properties securing a mortgage.

The following complexes were updated:

- LnAcctInfo_CType
- LnPmtInfo_CType
- LnUnitPmtInfo_CType

2016.0.10 Updates

The following service was added:

- Loan Platform Product Search

The following messages were created:

- LnPltfrmProdSrchrq_MType
- LnPltfrmProdSrchrRs_MType

The following simple element was created or updated:

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*

- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallInq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmntAdd*
- *AcctCombStmntInq*
- *AcctCombStmntMod*
- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*
- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*
- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*
- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*
- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*
- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*

- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*
- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*
- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*
- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*
- *BilPaySubSrch*
- *BrdCstSrch*
- *ChkImgInq*
- *ChkImgStmntGen*
- *ChkImgStmntGenInq*
- *ChkImgStmntSrch*
- *ColAdd*
- *CollInq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*

- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollInq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*
- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlInq*
- *CustInfoMsgInq*
- *CustInq*
- *CustMod*
- *CustMsgAdd*
- *CustMsgInq*
- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*
- *CustRelInq*
- *CustRelMod*
- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPPersonProdDictInq*
- *EDPPPPersonProdMod*
- *EDPPPPersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnInq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*

- *EFTCardImglIdMod*
- *EFTCardImglIdSrch*
- *EFTCardInq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*
- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*
- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*
- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*
- *FASB91Add*
- *FASB91AddValidate*
- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfolnq*
- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtId*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*

- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*
- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*
- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*
- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*
- *LnFeeSrch*
- *LnLiabInq*
- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmAppInq*
- *LnPltfmProdSrch*
- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcpInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*

- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAdd*
- *LOCAddValidate*
- *LOCCConstInProcAdd*
- *LOCCConstInProcInq*
- *LOCCConstInProcMod*
- *LOCCConstInProcSrch*
- *LOCMod*
- *LOCSrch*
- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*
- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*
- *MFASecdRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrConsmCredAdd*
- *MFAUsrConsmCredInq*
- *MFAUsrConsmCredMod*
- *MFAUsrConsmCredSrch*
- *MFAUsrQnAAdd*
- *MFAUsrQnAInq*

- MFAUsrQnAMod
- MFAUsrQnAMod
- MFAUsrQnAValidate
- MFAWaterMarkSrch
- MLLMasterRelAdd
- MLLMasterRelInq
- MLLMasterRelMod
- MLLRelSrch
- MLLTrancheRelAdd
- MLLTrancheRelInq
- MLLTranchRelMod
- NewAcctSrch
- NSFHistSrch
- ODISvcCred
- ODPrvlgHistSrch
- OFACSrch
- PersonNameMod
- PingAll
- PltfmAppAdd
- PltfmAppInq
- PltfmAppSrch
- PltfmProdInq
- PltfmStatInq
- PltfmStatInq
- PltfmStatMod
- PosPayItemInq
- PosPayItemInq
- PosPayItemMod
- PromoXferAdd
- PromoXferInq
- PromoXferMod
- PromoXferSrch
- PubWorkflowSrch
- RealEstatePropAdd
- RealEstatePropMod
- RealEstatePropSrch
- RelEstatePropAddValidate

- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*
- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*
- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*
- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*
- *TaxPlnBenfSrch*
- *TaxPlnInq*
- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*
- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*

- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*
- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*
- *WireComplInq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*
- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*
- *WireDrwdwnTrnTpltMod*
- *WireHistSrch*
- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*
- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstlSOTmpltMod*
- *WireTrnInq*

- *WireTrnISOAdd*
- *WireTrnISOTmplMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOMod*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*
- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*
- *XferSrcDestSrch*
- *XferSrch*

The following complex was updated:

- `PltfrmProdSrchRec_CType`

2016.0.05 Updates

The following simple element was created or updated:

PltfrmAppActnType

The action to take when a platform application is submitted. Canonical values are:

- **Orign* - Validate required platform fields and save submitted data to platform database for work to be completed via platform UI later.
- *GenDocs* - Validate submitted data to final destination (Core), generate documents and save this data to platform database.
- *LoadAcct* - Validate complete, docs generated, requested, and signed, load this new customer/account to the final destination (Core).
- *NoActn* - No action, allowing the user to park the application and resume working on it at a later time.
- *LoadCust* - Load customer, allowing the user to create customer identifier records for the customer information submitted.

Note

In `PltfrmAppAddRq_MType`, the default value is *Orign* if the element is left blank or empty.

The following message was updated:

- LnPltfrmAppAddRq_MType

2016.0.03 Updates

The following service was created:

- Loan Fee Search

The following messages were created:

- LnFeeSrchrq_MType
- LnFeeSrchrS_MType

The following complex was created:

- LnFeeSrchrRec_CType

The following array was created:

- LnFeeSrchrRecArray_AType

The following simple elements were created:

- IncPaidFee
- FeeSched

The following messages were updated:

- LnFeeAddRq_MType
- LnFeeInqRq_MType

The following complexes were updated:

- LnFeeInfo_CType
- LnRegRptInfo_CType

2015.0.07 Updates

The following simple elements were created or updated:

LienPositCode

The lien position for a loan. For example, first lien position, second lien position, etc.

LienPositDesc

The description of the lien position code.

The following messages were updated:

- LnAppRgtrSrchrq_MType
- LnLiabInqRq_MType
- LnPrtcpInqRq_MType
- LnUnitSrchrq_MType

2014.0.07 Updates

The following simple element was created:

- **RateLockInDate**

The following complex was updated:

- ResLnAppRgtrInfo_CType

2014.0.06 Updates

The following simple element was updated with a new canonical value:

- **OvrFDICInsurLmt**
 - *Exmp*

The following complexes were updated:

- LnAcctInfo_CType
- LnBalDtInfo_CType
- LnPmtInfo_CType
- LnProtInfo_CType
- LnRateInfo_CType
- LnRenExtInfo_CType
- LnRegRptInfo_CType

2014.0.05 Updates

The following simple element was created:

- **NetWorthAmt**

The following complexes were updated:

- BusDetail_CType
- LnAcctInfo_CType

The following simple element was scheduled for deprecation:

- **NetWorth**

2014.0.03 Updates

The following simple elements and their canonical values were created:

- **AdvaFeesCycleAmt**
- **AdvaYTDAmt**
- **ExtFeesMTD**
- **FeeChgdPYTD**
- **FeeChgdYTD**
- **FeePaidLTD**
- **FeePaidMTD**
- **IntChgdPYTD**
- **IntChgdYTD**
- **InvrPropDesc**
- **InvrPropType**
- **LastRePriceDt**
- **LateChgPaidLTD**
- **LateChgPaidMTD**
- **LOCHighAmtPrevYTD**
- **LOCHighAmtYTD**
- **PrePmtPenBillDt**
- **PrePmtPenDueDt**
- **RightToCureNotCnt**
- **SBACycleStat**
 - *Defr*
 - *FullyUnDisb*
 - *InLiq*
 - *PdInFull*
 - *PurchBySBA*
 - *Xfer*
- **SBAPrevStat**
 - *Defr*
 - *FullyUnDisb*
 - *InLiq*
 - *PdInFull*
 - *PurchBySBA*
 - *Xfer*

The following complexes were updated:

- LnAcctInfo_CType
- LnBalDtInfo_CType
- LnPmtInfo_CType
- LnProtInfo_CType
- LnRateInfo_CType
- LnRegRptInfo_CType
- LnRenExtInfo_CType
- x_LnBalDtInfo_CType
- x_LnInfoRec_CType

2013.1.01 Updates

The following message was updated:

- LnPayoffInqRs_MType

The following complex was updated:

- LnBilSrchRec_CType
- LnPmtSchedInfo_CType

2013.1.00 Updates

The following complexes were updated:

- EscrwPmtBalInfoRec_CType
- LnBalDtInfo_CType
- LnMtgInfo_CType
- LnPastDueInfo_CType
- LnRateInfo_CType
- LnRealEstateInfo_CType
- x_LnMtgInfo_CType
- x_LnRateInfo_CType

The following simple element was updated with two canonical values:

- **ParmName**
 - *QualMtgCode*
 - *QualResMtgCode*

2012.1.02 Updates

The following simple element was created or updated:

SecdCrScoreId

Identifies the borrower's secondary credit score.

The following complex was updated:

- LcAcctInfo_CType

2012.0.04 Updates

The following simple elements were created or updated:

EscrwIntWithAmt

The amount of taxes being withheld from escrow interest.

ExclEscrwIntAmtType

Answers this question: Does this escrow interest value affect the loan payoff?

Canonical values are:

- *false*
- *true*

The following message was updated:

- LnPayoffInqRs_MType

The following complex was updated:

- EscrwPayoffInfo_CType

The following simple element was created or updated:

PayoffAmt

The total loan payoff provided for loan payoff inquiry.

The loan payoff amount is the net amount of the elements with the following business mathematics $[CurBal] + [AccrInt] + [SecdAccr] + [LateChgDueAmt] + [OthChgAmt] + [MinInt] + [PrePmtPenAmt] + [FeeAmt] + [IntRebate] + [DlrRebate] + [InsurAmt] + [EscrwAmt] + [PartPmtAmt] + [EscrwIntWithAmt]$

2012.0 Updates

The following services were created:

- Loan Rate Schedule Inquiry
- Loan Rate Schedule Modification
- Loan Rate Schedule Search

The following messages were created:

- LnRateSchedInqRq_MType
- LnRateSchedInqRs_MType
- LnRateSchedModRq_MType
- LnRateSchedModRs_MType
- LnRateSchedSrchRq_MType
- LnRateSchedSrchRs_MType

The following arrays were created:

- LnRateSchedSrchArray_AType
- LnRiskRateArray_AType

The following complexes were created:

- LnRateSchedInfoRec_CType
- LnRateSchedInqRec_CType
- LnRateSchedSrchRec_CType
- LnRiskRateInfoRec_CType

The following simple elements and their canonical values were created:

- NegAmrtzOrignBal
- RateRevEndDt
- RateRevStartDt
- RateRevStat
- RateChngEffEndDt
- RateChngEffStartDt
- RiskRateAmt
- RiskRateCalcAmt
- RiskRatePct
- RiskRateTxt

The following complex was updated:

- LnPmtInfo_CType

2011.1.01 Updates

The following simple elements and their canonical values were created:

- ActIntent
 - *Dlt*
 - *ReadOnly*

- *Upd*
- `ActIntentKey`

The following message was updated:

- `LnAcctModRq_MType`

2011.1 Updates

The following simple elements were created:

- `AnnDebtPmt`
- `AvgLeaseRate`
- `BorwDebtIncmPct`
- `BorwLiqAssetAmt`
- `CoBorwDebtIncmPct`
- `CollatSrcValDesc`
- `CommPropSqFt`
- `NetOperIncm`
- `NetWorth`
- `PropListAmt`
- `PropListDt`
- `PropMultiListId`
- `PropRelDt`
- `PropRentSqFt`
- `PropSqFt`
- `PropSubDivName`
- `PropVacRate`
- `RemNumUnit`
- `RemUnitVal`
- `StressRateCode`
- `StressRateDesc`
- `StressRtDt`

The following complexes were updated:

- `LnAcctInfo_CType`
- `LnBalDtInfo_CType`
- `LnPmtInfo_CType`
- `LnRateInfo_CType`

- LnRealEstateInfo_CType
- x_LnAcctInfo_CType
- x_LnRealEstateInfo_CType

2010.0 Updates

The following simple elements were created:

- PenAnnPctIdxNum
- PenAnnPctRate
- PenNotDays
- PenEffDays
- PenRevTerm
- PenRevTermUnits

The following complexes were updated:

- LnRateInfo_CType

2009.1 Updates

The following service was created:

- Loan Account Addition Validation

The following complexes were created:

- LnAcctAddValidateRq_MType
- LnAcctAddValidateRs_MType

2008.1 Updates

The following services were created:

- Loan Payment Extension
- Loan Renewal

The following complexes were created:

- CondNotfInfo_CType
- LnPmtExtInfo_CType
- LnPmtExtRq_MType
- LnPmtExtRs_MType
- LnRenInfo_CType
- LnRenRq_MType

- LnRenRs_MType

The following simple element was created:

- ConvFixRateExpDt

The following complexes were updated:

- CondNotfArray_AType
- ErrOvrRdInfoArray_AType
- LnRateInfo_CType
- MsgRsHdr_CType
- SrchMsgRsHdr_CType

2008.0 Updates

The following complexes were created:

- LnFeeInfoRec_CType
- LnGuarInfoRec_CType
- LnTierRateInfoRec_CType
- OthInsurInfoRec_CType
- PrePmtPenInfoRec_CType

The following arrays were created:

- LnFeeArray_AType
- LnGuarArray_AType
- LnTierRateArray_AType
- OthInsurArray_AType

The following simple elements were created:

- AHInsurStartDt
- ChgYrFeeCode
- ChgYrFeeDesc
- CouponStartDt
- CrBureauRptCode
- CrBureauRptDesc
- CrLifeInsurStartDt
- CrScoreId
- EndorNum
- FirstStmntDt

- FirstStmntFeeCode
- FirstStmntFeeDesc
- FloodInsurExpDt
- HouseW8ExpDt
- IntPmtPostCode
- IntPmtPostDesc
- LnAppId
- LnFeeAmt
- LnFeeChgCode
- LnFeeChgDesc
- LnFeeCode
- LnFeeDayOfMonth
- LnFeeFreq
- LnFeeFreqUnits
- LnFeeText
- LnGuarId
- LnGuarText
- LnTierRate
- LnTierRateBal
- LnTierRateIdxNum
- LnTierRateText
- OthInsurAccrBase
- OthInsurIdxNum
- OthInsurStartDt
- OthInsurText
- PMIHOEPANotCode
- PMIHOEPANotDesc
- PmtGraceDays
- PmtReAmrtzDayOfMonth
- PmtReAmrtzFreq
- PmtReAmtrzFreqCode
- PmtReAmrtzFreqDesc
- PrePmtPenBillCode
- PrePmtPenBillDesc
- PrePmtPenExpDt

- `PrePmtPenStartDt`
- `RateRevDayOfMonth`
- `SBAApprvDt`
- `SCRABegDt`
- `SCRAEndDt`
- `SCRANotCode`
- `SCRANotDesc`
- `YrFeeChgDt`

The following complexes were updated:

- `BorwInfo_CType`
- `LnAcctInfo_CType`
- `LnBalDtInfo_CType`
- `LnClsInfo_CType`
- `LnInfoRec_CType`
- `LnPmtInfo_CType`
- `LnRateInfo_CType`
- `LnRealEstateInfo_CType`
- `LnRegRptInfo_CType`
- `x_LnRegRptInfo_CType`

The following element was scheduled for deprecation:

- `OffCode_Type` from `LnInfoRec_CType`

OFI Services Updates

This topic explains the updates to the OFI services.

2018.5.02 Updates

The following services were created:

- Platform Document Inquiry

The following messages were created:

- `PltfmDocInqRq_MType`
- `PltfmDocInqRs_MType`

The following simple elements were created or updated:

DocInstcId

The instance identifier of a document.

DocSetCode

The document set identifier. The set may represent a pre-defined package of documents or a pre-defined set of documents related to the stage in process (origination, closing, disclosures, etc.).

DocSetDesc

The description of the code describing a set of documents.

2023.1.01 Updates

The following message was created or updated:

- `EntityACHBatchInqRq_MType`

2023.1.03 Updates

The following message was created or updated:

- `PltfmDocInqRq_MType`

Parameter Search Updates

This topic explains the updates to this service.

2007.1 Updates

In the 2007.1 version of jXchange, Parameter Search has been altered to include new canonical values in the table located at the bottom of the document.

- The new values `OddDaysIntBasis` and `StopNotCode` were added to the canonical value table.

2007.2 Updates

The following canonical values were added to `ParmName`:

- `AcctReOpenCode`
- `AlienTypeCode`
- `BankRptcyChapCode`
- `BankRptcyFileCode`
- `EFTSCCode`
- `PrtACHNotCode`
- `PrtIntNotCode`
- `SecdOffCode`

- SerChgWavRsnCode

2008.0 Updates

The following canonical values were added to ParmName:

- AlienW8Stat
- CrBureauRptCode
- FirstStmntFeeCode
- IntPmtPostCode
- FutXferLateChgCode
- FutXferNSFCode
- FutXferUseLnAmtCode
- FutXferUseLnDtCode
- LnFeeChgCode
- LnFeeCode
- LnTierRateIdxNum
- OthInsurIdxNum
- PMIHOEPANotCode
- PmtReAmrtzFreqCode
- PrePmtPenBillCode
- SCRANotCode

2008.1 Updates

The following canonical values were added to ParmName:

- CrBurAcctClsfCode
- CrBurActnCode
- CrBurAddrRptCode
- CrBurCplCode
- CrBurSpecCmntCode
- CrBurStatCode
- CrBurTranCode
- CrClsfCode
- ECOACode
- EFTCardProdCode
- PostAdvCode
- SuspPmtSchedCode

The following new array was created:

- ParmValSrchRecArray_AType

The following new simple element was created:

- ParmSvcName

The following messages were updated:

- ParmValSrchRq_MType
- ParmValSrchRs_MType

The following complex was updated:

- MsgRsHdr_CType

2009.0 Updates

The following canonical values were added to ParmName:

- AHInsurAccrBase
- AvlBalCalcCode
- CRALoc
- CRAMilitaryCode
- CrLifeInsurAccrBase
- CurtPenCode
- CustType
- DocImgIdxType
- DocImgFormat
- DocName
- EFTCardStat
- OthInsurAccrBase
- RegionCode
- UEInsurAccrBase
- UnusedCrIntBase

2009.1 Updates

The following canonical values were added to ParmName:

- HouseHoldMbrText
- RetRsnCode
- SweepChgCode

- SweepClassCode
- SweepFltXferCode
- SweepNotCode
- SweepPayoffCode
- SweepRstrCode
- SweepResetCode

2010.0 Updates

The following canonical values were added to ParmName:

- InsiderCode
- FASB91TypeCode
- ODProtPmtCode
- PenAnnPctIdxNum
- DlrId

The following messages were updated:

- ParmValSrchRq_MType
- ParmValSrchRs_MType

2010.1 Updates

The following canonical values were added to ParmName:

- MsgPrtNotCode

The following messages were updated:

- ParmValSrchRq_MType
- ParmValSrchRs_MType

2011.0 Updates

The following canonical values were added to ParmName:

- AcctLvlSecCode
- AcctType
- AppEducLvlCode
- AppVetCmpgnCode
- AppVetCode
- ARGOProdCode
- AutoChgRateIdx

- ChgMthd
- DeptCode
- EmpCode
- JobDivCode
- JobExpcCode
- JobLocCode
- JobSupvCode
- ProfCertifCode
- RaceCode
- RentalRateIdx
- RsnDepartCode
- RstrEntryCode
- SigVerifyCode

The following canonical values were added to ParmSvcName:

- EmplAppAdd

2011.1 Updates

The following canonical values were added to ParmName:

- AHInsurCompCode
- ChgdOffAutoCode
- CrLifeCompCode
- ExcLndPlcyCode
- ExclRealEstateRptCode
- ODPrvlgConCode
- SalesPerson
- StressRateCode
- TeaserRateCode

Persistent Storage Services Updates

This topic explains updates to this service.

2020.1.05 Updates

The following message was updated:

- PSMultiInqRq_MType

Platform Services Updates

This topic explains the updates to this service.

2008.1 Updates

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `FreeFormAddr_AType`
- `MsgRsHdr_CType`
- `PltfmAppBorwInfo_CType`
- `PltfmAppCoBorwInfoRec_CType`

2009.0 Updates

The credit bureau report inquiry message is being removed from Platform Services due to the lack of service provider support.

The following complexes were removed from this brief.

- `CrBurRptInqRq_MType`
- `CrBurRptInqRs_MType`

2012.1.01 Updates

The following service was created:

- Platform Status Modification

The following messages were created:

- `PltfmStatModRq_MType`
- `PltfmStatModRs_MType`

2015.0.06 Updates

The following service was created:

- Platform Product Search

The following messages were created:

- `PltfmProdSrchRq_MType`
- `PltfmProdSrchRs_MType`

The following arrays were created:

- CollatArray_AType
- LnTraitArray_AType
- PltfmProdSrchRecArray_AType
- ProdTermArray_AType
- PurposeArray_AType
- RateTypeArray_AType

The following complexes were created:

- CollatInfo_CType
- LnTraitInfo_CType
- PltfmAcctTypeInfo_CType
- PltfmProdSrchRec_CType
- PltfmSrchInfoRec_CType
- ProdTermInfo_CType
- PurposeInfo_CType
- RateTypeInfo_CType

The following simple elements and their canonical values were created or updated:

CeilAmt

The ceiling amount.

FlrAmt

The floor amount.

LnTraitType

Elements describing the multitude of characteristics that help define a loan product. Canonical values are:

- *ARM*
- *ARMConv*
- *AutoPayOffer*
- *ConstOnly*
- *ConstPerm*
- *CrBur*
- *CrIns*
- *Direct*
- *Escrw*
- *HELOC*
- *IntitialRateOffer*

- *PPOddDayInt*
- *RE*
- *Revol*
- *RiskMgmt*

PltfmAcctTypeCode

Types of platform products offered. Canonical values are:

- *Deposit*
- *Loan*

PltfmCatCode

The code that describes a grouping of products being offered. May be promotional or marketing related.

PltfmCatDesc

Platform Category Description - A long description of the **PltfmCatCode**.

PltfmClfPrimType

Elements that further identify the type of loan or deposit products being searched for. For example, if *Loan* is selected for **PltfmAcctTypeCode**, then this field could be populated with *Mortgage,Auto,Commercial,Ag,Equipment*. For example, if *Deposit* is selected as **PltfmAcctTypeCode**, then this field could be populated with *Checking,Money Market,Savings,CD*.

PltfmClfSecdType

Elements that further identify the type of Loan or Deposit instrument being searched for. For example, if *Loan* is selected for **PltfmAcctTypeCode**, then this field could be populated with *Secured,Unsecured*. For example, if *Deposit* is selected for **PltfmAcctTypeCode**, then this field could be populated with *Interest Bearing,Non Interest Bearing*.

PltfmCustType

Identifies the type of customer. Canonical values are:

- *Bus*
- *Indv*

RateType

Types of interest rates. Canonical values are:

- *Adj*
- *Fix*
- *Renew*
- *Vrbl*

2015.0.07 Updates

The following arrays were created:

- BenfArray_AType
- CntrbArray_AType
- EmplPhone
- PlnBenfArray_AType
- PlnCntrbArray_AType
- PltfrmAddrArray_AType
- RateSchedArray_AType
- SrcFundsArray_AType

The following complexes were created:

- BenfRec_CType
- CntrbInfo_CType
- EmplrInfo_CType
- PlnBenf_CType
- PlnCntrbRec_CType
- PltfrmAddrRec_CType
- PltfrmAppSigInfo_CType
- PltfrmAppTaxPlnInfo_CType
- RateSchedRec_CType
- RespPrtyRec_CType
- SrcFundsInfo_CType

The following simple elements were created or updated:

AutoRenType

Instrument renews automatically at maturity. Canonical values are:

- *false*
- *true*

BenfToRespPrty

The designated beneficiary will become the responsible party at age of majority.
Canonical values are:

- *false*
- *true*

CanChngBenf

The responsible party can change the designated beneficiary. Canonical values are:

- *false*
- *true*

CntrbAmt

Contribution amount.

CntrbType

Tax Plan Contribution types are:

- *Conv* - Conversion
- *DstrCmbt* - Disaster/Combat Zone Postponed Contribution
- *EmplCntrb* - Employer Contribution
- *Reg* - Regular (including Catch-Up)
- *QualRsrv* - Qualified Reservist/Designated Disaster Distribution Repayment
- *ReChr* - Recharacterization
- *Rlovr* - Rollover
- *RlovrDir* - Rollover/Direct Rollover from an Eligible Retirement Plan
- *RlovrRth* - Rollover/Direct Rollover from a designated Roth Account
- *RlovrSimple* - Rollover from a Simple IRA
- *SEP* - Simplified Employee Pension
- *Xfer* - Transfer
- *XferSimple* - Transfer from a Simple IRA

CntrbYr

The applicable year for the tax plan contribution.

CollatHolderOnUs

Identifies whether collateral is held by the lending financial institution. Canonical values are:

- *false*
- *true*

CollatInstName

The institution that is holding the actual collateral.

EmplTaxId

The employer's tax identification number, which is nine digits.

InstrmClsf

The instrument offered as collateral for a loan.

LienClsf

The expanse of the lien that is placed on collateral items offered for a loan.

LnAppType

The loan application type. Canonical values are:

- *New*
- *Refi*
- *Renew*
- *RenewWithMod*
- *Mod*

PltfmOwnCode

The code that describes the ownership of an account from a platform perspective.

PrimSrcFundsType

The source of funds to open an account is primary. Canonical values are:

- *false*
- *true*

The default is *false*.

PropType

The type of property the application has ownership. Canonical values are:

- *Condo*
- *Manufactured*
- *MultiFamily*
- *Oth*
- *SingleFamily*
- *TownHome*

ResType

The type of property the application has ownership. Canonical values are:

- *Invest*
- *Princ*
- *Oth*
- *Secd*

SigNumCnt

The number of signers required.

SrcFundsAmt

Amount of the source of funds used to open an account.

TempSigCardType

Generate temporary signature cards. Canonical values are:

- *false*
- *true*

The following complexes were updated:

- PltfmAppBorwInfo_CType
- PltfmAppCoBorwInfoRec_CType
- PltfmCommCollatInfo_CType
- PltfmConsmCollatInfo_CType
- PltfmAppCommInfo_CType
- PltfmAppCustInfo_CType
- PltfmAppDepInfo_CType
- PltfmAppLnInfo_CType
- PltfmAppTimeDepInfo_CType
- PltfmDepAppAdd_CType
- PltfmRECollatInfo_CType
- PltfmTimeDepAppAdd_CType

2016.1.01 Updates

The following simple elements were created or updated:

AcctResCode

The code that describes documentation proof of a non-individual entity.

AcctResDesc

The description of the code that describes documentation proof of a non-individual entity.

BNotStat

The B notice flag.

FinInstNonCustType

The information being collected is for a non-customer of the financial institution. Canonical values are:

- *false*
- *true*

The default value is *false*.

PlnBirthDt

Defines the actual birth date to use for determining tax plan distributions.

PlnCvrgType

Identifies who is covered by a Health Insurance Plan. Canonical values are:

- *Fam*
- *Indv*

RateType

Types of interest rates. Canonical values are:

- *Adj*
- *Fix*
- *Renew*
- *Vrbl*

RateTypeDesc

Description of the type of interest rate.

RoleCode

The code that describes the customer role related to an account relationship.

RoleDesc

The description of the code that describes the customer role related to an account.

The following complexes were created:

- `CustBenfInfo_CType`
- `RoleCodeRec_CType`

The following array was created:

- `RoleCodeArray_AType`

The following messages were updated:

- `LnPltfmAppAddRq_MType`
- `PltfmAppAddRq_MType`

The following complexes were updated:

- `PltfmAppCustInfo_CType`
- `PltfmAppDepInfo_CType`
- `PltfmAppTaxPlnInfo_CType`
- `PltfmAppTimeDepInfo_CType`
- `PltfmDepAppAdd_CType`
- `RespPrtyRec_CType`

The following simple elements were created or updated:

AddrCat2Use

Address category 2 type

- Cat=Not has
 - AdvOfCr
 - Bil
 - CrBack
 - EOYTax
 - InsuffFunds
 - IRAMat
 - OD
 - PastDue
 - RateChg
 - RtnItems
 - TeleTrf
- Cat=Pmt has
 - EscrwRefund
 - Int
 - IRADistr
 - XMAS
- Cat1=Stmt has
 - Escrw
 - IRAPeriodic
 - LOC
 - Periodic

Canonical values are:

- *AdvOfCr*
- *All*
- *Bil*
- *CrBack*
- *EOYTax*
- *Escrw*
- *EscrwRefund*
- *Exc*
- *InsuffFunds*

- *Int*
- *IRADistr*
- *IRAMat*
- *IRAPeriodic*
- *IRS*
- *LOC*
- *OD*
- *PastDue*
- *Periodic*
- *Phys*
- *RateChg*
- *RtnItems*
- *Seasonal*
- *ScsrCstdn*
- *TeleTrf*
- *XMAS*

HouseHoldMbrRel

The relationship of the household member to the customer. Canonical values are:

- *Daughter*
- *Father*
- *GrandFather*
- *GrandMother*
- *Guard*
- *Husband*
- *Mother*
- *Oth*
- *Son*
- *Wife*

2018.0.01 Updates

The following simple element was created or updated:

PltfmProdDispType

The disposition of a platform product record. Canonical values are:

- *FulFill* - Fulfillment. The consumer's intent is for completion of the entire customer and account setup process including all data gathered, data

validation, document generation, and signing and uploading the customer account record to the final record owner.

- *Orign* - Origination. The customer and account data collected by the consumer should be saved to an intermediary (platform database) and any additional work required for account opening is completed by the intermediary (platform system) before delivery to the final record owner.
- *OrignFulFill* - The Product returned qualifies for either Origination or Fulfillment. The consumer conveys their selection to the provider when submitting an application in `PltfmAppAdd` with the use of the **PltfmAppActnType** element.

2018.0.02 Updates

The following simple elements were created or updated:

AlienNonResidentType

Answers the question: Is the applicant a non-permanent resident alien?
Canonical values are:

- *false*
- *true*

CmpltType

The action being reported has been completed. Canonical values are:

- *false*
- *true*

CollatBodyStyleCode

The code that represents the manufacture's body style for a specific piece of collateral.

CollatBodyStyleDesc

The description of the code that represents the manufacture's body style for a specific piece of collateral.

CollatExpDt

The date the collateral item expires.

CollatIssueDt

The date the collateral item was issued.

CollatOwnCode

The code that defines the collateral holder's relationship to the borrower or coborrower, third-party individual, third-party DBA/sole proprietor, third-party trust, third-party corporation, third-party general partnership, third-party limited partnership, etc.

CollatOwnDesc

The description of the code that defines the collateral holder's relationship to the borrower or coborrower, third-party individual, third-party DBA/sole proprietor, third-party trust, third-party corporation, third-party general partnership, third-party limited partnership, etc.

CollatTitleCode

The code that represents the form of ownership in a piece of collateral.

CollatTitleDesc

The description of the code that represents the form of ownership in a piece of collateral.

DocLocName

The document location name.

DocLocVal

The document location value.

EmpPrimType

Answers the question: Does the employer represent the primary employer for an individual? Canonical values are:

- *false*
- *true*

HousingDispType

The disposition of the housing arrangement for borrowers. Canonical values are:

- *Own*
- *Parent*
- *Rent*

InsurCompCode

The code that represents an insurance company.

InsurCompDesc

The description of the code that represents an insurance company.

LiabAppType

The type of liability reported on a loan application. Canonical values are:

- *Alimony*
- *Auto*
- *ChargeAcct*
- *ChildSupport*
- *JobExpenses*

- *Landlord*
- *Main*
- *MtgHolder*
- *Oth*
- *StockPledge*

NearRelCode

The code that describes the relationship a person has with an account applicant.

NonTaxblIncmType

Income being reported is non-taxable. Canonical values are:

- *false*
- *true*

PrvdNameCode

The code that represents a provider.

PrvdNameDesc

The description of the code that represents a provider.

The following complexes were created:

- `BorwEmplInfoRec_CType`
- `CollatInsurInfo_CType`
- `CollatOwnInfo_CType`
- `DocLocInfo_CType`
- `DueDilgntCmpltInfo_CType`
- `LienExstInfo_CType`
- `SalaryInfo_CType`

The following arrays were created:

- `BorwEmplArray_AType`
- `CollatInsurArray_AType`
- `CollatOwnArray_AType`
- `DocLocArray_AType`
- `DueDilgntCmpltArray_AType`
- `LienExstArray_AType`

The following complexes were updated:

- `CollatHolderAddr_CType`
- `DeclAppInfo_CType`
- `EmplInfo_CType`

- OthIncmInfo_CType
- PltfmAppBorwInfo_CType
- PltfmAppCoBorwInfoRec_CType
- PltfmAppCustInfo_CType
- PltfmConsmCollatInfo_CType
- PltfmRECollatInfo_CType
- PltfmSrchInfoRec_CType

The following messages were updated:

- LnPltfmAppAddRs_MType
- PltfmAppAddRs_MType

2018.0.03 Updates

The following simple element was created or updated:

PODRegType

Account is subject to the non-probate Payable On Death Statute transfer.
Canonical values are:

- *false*
- *true*

The following complex was created:

- BenfAddr_CType

The following complexes were updated:

- AcctBenf_CType
- PltfmAppDepInfo_CType
- PltfmAppTimeDepInfo_CType

2018.5.01 Updates

The following messages were updated:

- PltfmAppAddRq_MType
- PltfmAppAddRs_MType

The following array was created:

- CustIdArray_AType

The following complex was created:

- CustIdInfoRec_CType

2018.5.02 Updates

The following services were created:

- Platform Document Inquiry
- Platform Document Status Inquiry
- Platform Entity Validation

The following messages were created:

- `PltfrmDocInqRq_MType`
- `PltfrmDocInqRs_MType`
- `PltfrmDocStatInqRq_MType`
- `PltfrmDocStatInqRs_MType`
- `PltfrmEntityValidateRq_MType`
- `PltfrmEntityValidateRs_MType`

The following complexes were created:

- `AltBirthDtInfo_CType`
- `AltDriverLicInfo_CType`
- `AltNameInfo_CType`
- `DocDataInfoRec_CType`
- `DocSetInfo_CType`
- `EntityValidateInfoRec_CType`
- `PltfrmDocInfoRec_CType`
- `ValidateRsltInfoRec_CType`
- `x_TextRptInfoRec_CType`

The following arrays were created:

- `AddrTermArray_AType`
- `AltAddrArray_AType`
- `AltBirthDtArray_AType`
- `AltDriverLicArray_AType`
- `AltNameArray_AType`
- `AltPhoneArray_AType`
- `DocDataArray_AType`
- `DocSetArray_AType`
- `PltfrmDocArray_AType`

The following simple elements were created or updated:

AddrChkType

Answers if the address check was okay. Canonical values are:

- *True*
- *False*

AltDOB

The alternate date of birth.

BirthDtChkType

Is the birth date submitted correct for the individual? Canonical values are:

- *True*
- *False*

BirthDtTaxIdChkType

Is the birth date submitted after the TaxId end issue date? Canonical values are:

- *True*
- *False*

CustRelCode

The code that references the type of relationship one customer has with another customer. This element is a hybrid open enumeration. Canonical values are:

- *Prim* - Primary
- *Joint* - Joint
- *Bus* - Business

Leave the element blank for *UNK* - Unknown.

DocInstId

The instance identifier of a document.

DocSetCode

The document set identifier. The set may represent a pre-defined package of documents or a pre-defined set of documents related to the stage in process (origination, closing, disclosures, etc.).

DocSetDesc

The description of the code describing a set of documents.

DriverLicChkType

Is the driver license check okay? Canonical values are:

- *True*
- *False*

DtFormatCode

The format code to help display a date. Used for non-XML over the wire date representation. Canonical values are:

- *MM-DD-YY*
- *MM-DD-YYYY*
- *MM-YYY*
- *MM-YY*
- *DD-MM-YYY*
- *DD-MM-YY*
- *DD-Mon-YY*
- *MonthDDYYY*
- *MM-00-YYYY*

IdChkOkType

Was the ID verification check okay? Canonical values are:

- *true*
- *false*

IdType

Identifications as related to ISO formats. This element is hybrid-enumerated with a preset list of values. Canonical values are:

- *DriverLic*
- *Passport*
- *ResidentAlienId*
- *EmpId*
- *NatIdNum*
- *TaxId*
- *SSN*
- *CustId*

MatchRecChkType

Were no matching records found in entity validation? Canonical values are:

- *True*
- *False*

NameChkType

Validated a match to an input name? Canonical values are:

- *True*

- *False*

OFACHitChkType

Was an OFAC hit found? Canonical values are:

- *True*
- *False*

PhoneChkType

Was a telephone check okay? Canonical values are:

- *True*
- *False*

TaxIdChkType

Was the TaxId matched to the TaxId input? Canonical values are:

- *True*
- *False*

TextRpt

An HTML formatted platform product presentation that can be used by consumers to display a webpage. This element requires CDATA markup due to the possibility of HTML formatting containing invalid characters.

ValidateConfigId

Identifies the configuration details necessary to reference for an Entity Validation Request.

2018.7.04 Updates

The following messages were created or updated:

- `PltfmDocInqRq_MType`
- `PltfmDocInqRs_MType`
- `PltfmDocStatInqRs_MType`

The following simple elements were created or updated:

PltfmDocDlvryCodeDesc

The description of the code identifying how platform documents are to be returned to a consumer.

PltfmDocDlvryCode

The code identifying how platform documents are to be returned to a consumer.

2019.0.02 Updates

The following service was added:

- Platform Business Entity Validate

The following messages were created:

- `PltfrmBusEntityValidateRq_MType`
- `PltfrmBusEntityValidateRs_MType`

The following complexes were created or updated:

- `ValidateConfigInfoRec_CType`
- `VerifSvcInfoRec_CType`
- `BusEntityValidateInfoRec_CType`
- `PrincOwnAuthSignerInfoRec_CType`
- `BusValidateRsltInfoRec_CType`
- `PrincOwnAuthSignerRsltInfoRec_CType`

The following arrays were created or updated:

- `VerifSvcArray_AType`
- `PrincOwnAuthSignerArray_AType`
- `PrincOwnAuthSignerRsltArray_AType`

The following simple elements were created or updated:

EntityInfoVerifRs

The Entity Information Program verification response.

EntityRecomDec

The Entity Information Program recommended decision.

EntityScore

A value representing the assessed risk of an entity.

PrincOwnType

The Principal Commercial Business Owner. Canonical values are:

- *true*
- *false*

RiskAssmntStrategyCode

The code representing the verification services risk assessment methods requested for entity validation.

VendorCode

The code representing a Vendor.

VerifSvcCode

The code representing the verification services requested for entity validation.

2020.1.02 Updates

The following complexes were updated:

- `PltfmAppCustInfo_CType`
- `PltfmAppBorwInfo_CType`
- `PltfmAppCoBorwInfoRec_CType`

2020.1.03 Updates

The following complexes were created or updated:

- `BenflOwnIdVerifyInfo_CType`
- `PltfmAppCustInfo_CType`

The following arrays were created or updated:

- `BenflOwnInfoArray_AType`

2021.0.00 Updates

The following service was added:

- ID Verification Comment Addition

The following messages were created or updated:

- `IdVerifCmntAddRq_MType`
- `IdVerifCmntAddRs_MType`
- `PltfmEntityValidateRs_MType`

The following simple elements were created or updated:

IdVerifId

The identifier associated with an identity verification.

OvrrdNegIdVerifQueryRsType

Override the Negative ID Verification Query response? Canonical values are:

- *True*
- *False*

2021.0.06 Updates

The following complex elements were created or updated:

- BusResInfo_CType
- CommAuthRec_CType
- CustSvcOptInfo_CType
- PltfrmAppCustInfo_CType
- PltfrmAppDepInfo_CType
- PltfrmAppTimeDepInfo_CType
- ResolvingPartyInfo_CType
- RoleCodeRec_CType

The following arrays were created:

- CustSvcOptArray_AType
- ResolvingPartyArray_AType

The following simple elements were created or updated:

AcctPurp

The purpose of an account (used for document preparation and printing).

BusResCode

The code representing a business resolution. The resolutions are used to determine which corporate officers are legally able to perform certain functions for the business.

BusResDesc

The description of the code representing a business resolution. The resolutions are used to determine which corporate officers are legally able to perform certain functions for the business.

FilingOffc

The filing office for a business resolution (used for document preparation and printing).

PltfrmCustCode

The Platform Customer Code that further defines the Customer Type.

PltfrmCustDesc

The description of the Platform Customer Code that further defines the Customer Type.

ResAuthType

Is the business/corporate officer authorized to perform the listed resolution item?
Canonical values are:

- *true*
- *false*

ResCmplDt

The completed business resolution date.

2021.1.00 Updates

The following complex was updated:

- `PltfrmAppCustInfo_CType`

The following simple elements were added or updated:

ApointCptyDesc

The description of the entity's legal capacity.

ApointCptyType

The entity's legal capacity. Canonical values are:

- *Conservator*
- *Executor*
- *Executrix*
- *Guardian*
- *LegalRep*
- *Oth*
- *PrsnlRep*

DscSigType

Is the entity authorized to act as a disclosure signer? Canonical values are:

- *true*
- *false*

EntityRgtrLocType

The type of location where an entity is registered. Canonical values are:

- *OthCntry* - other country, not one of the United States or a United States territory
- *State* - the name of the state located in the United States
- *Terr* - the name of the United States territory

EntityRgtrLoc

Where an entity is registered.

NonPrftOrgType

Is the entity a non-profit organization? Canonical values are:

- *true*

- *false*

2021.1.02 Updates

The following complexes were updated:

- `BusResInfo_CType`
- `PltfmAppCustInfo_CType`
- `PltfmAppDepInfo_CType`
- `PltfmAppTimeDepInfo_CType`

The following simple elements were added:

AttestorTitle

The title an employee holds in a corporation or business.

CertifierTitle

The title an employee holds in a corporation or business.

EstbDt

The date established.

IncSoleProptrNameType

Determines if the Sole Proprietor Name should be included in the title on documents. Canonical values are:

- *true*
- *false*

ResEffDt

The effective business resolution date.

2022.1.01 Updates

The following complexes were created or updated:

- `PltfmCommCollatInfoRec_CType`
- `PltfmCommLnAppAdd_CType`
- `PltfmConsmCollatInfoRec_CType`
- `PltfmConsmLnAppAdd_CType`
- `PltfmRECollatInfoRec_CType`
- `PltfmRECollatInfoRec_CType`
- `PltfmResLnAppAdd_CType`

The following arrays were created:

- `PltfmCommCollatInfoArray_AType`

- `PltfmConsmCollatInfoArray_AType`
- `PltfmRECollatInfoArray_AType`

2023.1.01 Updates

The following services were created:

- Loan Platform Application Inquiry
- Loan Platform Application Search
- Platform Application Inquiry
- Platform Application Search

The following messages were created or updated:

- `LnPltfmAppAddRs_MType`
- `LnPltfmAppInqRq_MType`
- `LnPltfmAppInqRs_MType`
- `LnPltfmAppSrchRq_MType`
- `LnPltfmAppSrchRs_MType`
- `PltfmAppInqRq_MType`
- `PltfmAppInqRs_MType`
- `PltfmAppSrchRq_MType`
- `PltfmAppSrchRs_MType`
- `PltfmStatInqRs_MType`

The following complexes were created or updated:

- `PltfmAppCustInfo_CType`
- `PltfmAppSrchRec_CType`
- `PltfmAppTaskCatInfo_CType`
- `PltfmAppTaskInfo_CType`
- `PltfmAppTaskRoleInfo_CType`

The following arrays were created:

- `PltfmAppSrchRecArray_AType`
- `PltfmAppTaskArray_AType`
- `PltfmAppTaskCatArray_AType`
- `PltfmAppTaskRoleArray_AType`

The following simple elements were created:

ConsmSrcCode

The code that describes which consumer a platform application came from.

ConsmSrcDesc

The description of the code that describes which consumer a platform application came from.

PltfmAppDecCode

The code that represents the decision made on a platform application.

PltfmAppDecDesc

The description of the code that represents the decision made on a platform application.

PltfmAppSrcCode

The code that describes how a platform application was entered.

PltfmAppSrcDesc

The description of the code that describes how a platform application was entered.

PltfmAppTaskCatCode

The code that conveys to what category platform application tasks are assigned.

PltfmAppTaskCatDesc

The description of the code that conveys to what category platform application tasks are assigned.

PltfmAppTaskRoleCode

The code that conveys to what role platform application tasks are assigned.

PltfmAppTaskRoleDesc

The description of the code that conveys to what role platform application tasks are assigned.

PltfmAppTaskType

Follow-up tasks exist for this platform application. Canonical values are:

- *false*
- *true*

2023.1.02 Updates

The following services were created:

- Loan Platform Document Inquiry
- Loan Platform Document Status Inquiry

The following messages were created or updated:

- `LnPltfmDocInqRq_MType`

- LnPltfrmDocInqRs_MType
- LnPltfrmDocStatInqRq_MType
- LnPltfrmDocStatInqRs_MType

The following complexes were created or updated:

- DocDataInfoRec_CType
- PltfrmDocInfoRec_CType

The following arrays were created:

- DocDataArray_AType
- PltfrmDocArray_AType

Real Estate Property Updates

This topic explains the updates to this service.

2008.1 Updates

The following arrays were created:

- RealEstatePropSrchRecArray_AType

The following complexes were updated:

- ErrOvrRdInfoArray_AType
- MsgRsHdr_CType
- RealEstatePropSrchRs_MType
- SrchMsgRsHdr_CType

2010.0 Updates

The following message was created:

- Real Estate Property Add Validate

The following complexes were created:

- RealEstatePropAddValidateRq_MType
- RealEstatePropAddValidateRs_MType

2015.0.07 Updates

The following message was updated:

- RealEstatePropSrchRq_MType

Report Services

jXchange maintains the following messaging services for reports.

Service Default Updates

This topic explains the updates to this service.

2007.0 Updates

Updates for the Service Default Request message consist of the following canonical values added as options for the Service Name element value in the Service Default Request complex of the request message:

- `ACHXferAdd`
- `CollatTrackAdd`
- `EscrwAdd`
- `FASB91Add`
- `IdVerifyAdd`
- `LnAcctAdd`
- `LOCAdd`
- `RealEstatePropAdd`

The added canonical values represent message services that were added to jXchange for release 2007.0.

2008.0 Updates

The following new arrays were created:

- `LnFeeArray_AType`
- `LnGuarArray_AType`
- `LnTierRateArray_AType`
- `OthInsurArray_AType`

The following new complexes were created:

- `FutXferRec_CType`
- `FutXferSrchRec_CType`
- `LnFeeInfoRec_CType`
- `LnGuarInfoRec_CType`
- `LnTierRateInfoRec_CType`
- `OthInsurInfoRec_CType`

- PrePmtPenInfoRec_CType

The following new simple elements were created:

- AHInsurStartDt
- ChgYrFeeCode
- CouponStartDt
- CrBureauRptCode
- CrLifeInsurStartDt
- CrScoreId
- EndorNum
- FirstStmntDt
- FirstStmntFeeCode
- FloodInsurExpDt
- FutXferAmtLTD
- FutXferDayOfMonth
- FutXferExpDt
- FutXferFirstDt
- FutXferFreq
- FutXferFreqUnits
- FutXferLateChgCode
- FutXferLateChgDesc
- FutXferNextDt
- FutXferNSFCode
- FutXferNSFDesc
- FutXferSuspEndDt
- FutXferSuspStartDt
- FutXferUseLnAmtCode
- FutXferUseLnAmtDesc
- FutXferUseLnDtCode
- FutXferUseLnDtDesc
- IntPmtPostCode
- LnAppId
- LnFeeAmt
- LnFeeAssmntDt
- LnFeeChgCode
- LnFeeChgDesc

- LnFeeCode
- LnFeeDayOfMonth
- LnFeeFreq
- LnFeeFreqUnits
- LnFeeText
- LnGuarId
- LnGuarText
- LnTierRate
- LnTierRateIdxNum
- LnTierRateBal
- LnTierRateText
- OthInsurAccrBase
- OthInsurIdxNum
- OthInsurStartDt
- OthInsurText
- PMIHOEPANotCode
- PmtGraceDays
- PmtReAmrtzDayOfMonth
- PmtReAmrtzFreq
- PmtReAmtrzFreqCode
- PrePmtPenBillCode
- PrePmtPenBillDesc
- PrePmtPenExpDt
- PrePmtPenStartDt
- RateRevDayOfMonth
- SBAAprvDt
- SCRABegDt
- SCRAEndDt
- SCRANotCode
- SCRANotDesc
- XferType
- YrFeeChgDt

The following complexes were updated:

- EscrwInfoRec_CType
- LnAcctInfo_CType

- LnBalDtInfo_CType
- LnInfoRec_CType
- LnPmtInfo_CType
- LnRateInfo_CType
- LnRealEstateInfo_CType
- LnRegRptInfo_CType

The following elements/complexes were scheduled for deprecation:

- OffCode_Type from BusDetail_CType
- OffCode_Type from LnInfoRec_CType

2008.1 Updates

The following new array was created:

- DenialRsnArray_AType

The following new complexes were created:

- AcctTitleInfo_CType
- CrBurInfo_CType
- CustMsgInfoRec_CType
- DenialRsnInfo_CType
- EftDescInfo_CType
- LnPmtSchedInfo_CType
- ResLnAppRgtrInfo_CType
- RmkInfo_CType

The following new simple elements were created:

- AnnPctRate
- AppDecDt
- AppDt
- AppEffDt
- AppStatCode
- ConvFixRateExpDt
- CRADelinCode
- CrBurAcctClsfCode
- CrBurActnCode
- CrBurAddrRptCode
- CrBurCplCode

- CrBurId
- CrBurSpecCmntCode
- CrBurStatCode
- CrBurTranCode
- CrClsfCode
- DecOffc
- DenialRsnCode
- DenialRsnDesc
- DenialRsnText
- DlqDt
- ECOACode
- HMDANoRptRsn
- LienStatCode
- LnAcctId
- MsgExpDt
- OrigAcctId
- PmtSchedNum
- PostAdvCode
- PreApprvAppCode
- PropSMSALoc
- PrtcpCompName
- SuspPmtSchedCode

The following message was updated:

- SvcDftRs_MType

The following arrays were updated:

- AcctTitle_AType
- EftDescArray_AType
- FldZoneIdArray_AType
- FreeFormAddr_AType
- Rmk_AType

The following complexes were updated:

- LnRateInfo_CType
- LORec_CType
- MsgRsHdr_CType

- `StopChkInfo_CType`

2009.0 Updates

The following new complexes were created:

- `AcctBenf_CType`
- `TrckAcctInfo_CType`

The following message was updated:

- `SvcDftRs_MType`

2009.1 Updates

The following new complexes were created:

- `AcctCombStmtInfo_CType`
- `AcctProdOvrrdInfoRec_CType`
- `SweepAcctInfo_CType`

The following message was updated:

- `SvcDftRs_MType`

2010.0 Updates

The following new arrays were created:

- `ACHIntlAddendaArray_AType`
- `ODPrvlgOptInfoArray_AType`

The following new complexes were created:

- `ACHIntlAddendaInfoRec_CType`
- `ODPrvlgOptInfoRec_CType`

The following complexes were updated:

- `ACHIntlInfoRec_CType`
- `Benf_CType`
- `DepInfoRec_CType`
- `LnRateInfo_CType`

2011.0 Updates

The following new complexes were created:

- `EmplAppInfoRec_CType`

- SafeDepAcctInfo_CType
- SafeDepInfoRec_CType

The following message was updated:

- SvcDftRs_MType

The following complex was updated:

- x_SafeDepInfoRec_CType

The following array was scheduled for deprecation:

- AcctTitle_AType

2011.1 Updates

The following message was updated:

- SvcDftRq_MType

The following complexes were updated:

- CustRelRec_CType
- DepNSFODInfo_CType
- DepRateIntInfo_CType
- LnAcctInfo_CType
- LnBalDtInfo_CType
- LnPmtInfo_CType
- LnRateInfo_CType
- LnRealEstateInfo_CType
- TimeDepBalDtInfo_CType
- TimeDepRateIntInfo_CType
- x_BusDetail_CType
- x_LnAcctInfo_CType
- x_LnRealEstateInfo_CType

2012.0 Updates

The following new array was created:

- LnRiskRateArray_AType

The following new complex was created:

- LnRiskRateInfoRec_CType

The following new simple elements and their canonical values were created:

- MTDAccrDays
- MTDAccrInt
- NegAmrtzOrignBal
- RiskRateAmt
- RiskRateCalcAmt
- RiskRatePct
- RiskRateTxt

The following complexes were updated:

- DepRateIntInfo_CType
- LnPmtInfo_CType
- TimeDepRateIntInfo_CType

2012.0.03 Updates

The following new array was created:

- MultiDepRateArray_AType

The following new complex was created:

- MultiDepRateRec_CType

The following complex was updated:

- TimeDepRateIntInfo_CType

2012.1.02 Updates

The following new simple elements were created:

- ODHighBal
- ODLmt
- PastDueAmt
- SecdCrScoreId

The following complexes were updated:

- DepNSFODInfo_CType
- CrBurInfo_CType
- LcAcctInfo_CType

Service Fee Services Updates

The following information details the updates made to the Service Fee services.

2016.1.01 Updates

The following simple element was created or updated:

RefBalAffType

Defines the correct balance to be affected by a service fee refund. Canonical values are:

- *ItemBal* - The number of items paid that caused the negative balance that does not include NSF, UCF, OD, or Service Charge fees.
- *NSFBal* - The portion of the overdraft balance consisting of insufficient fees.
- *ODBal* - The portion of the overdraft balance consisting of overdraft charges.
- *SvcChgBal* - The portion of the overdraft balance consisting of service charges.
- *UCFBal* - The portion of the overdraft balance consisting of uncollected funds charges.

The following array was created:

- `SvcFeeDescAarray` references `Rmk_AType`

The following complex was updated:

- `SvcFeeSrchRec_CType`
- `SvcFeeTrnInfo_CType`

2021.0.00

The following complex was updated:

- `SvcFeeTrnInfo_CType`

Stop Check Services Updates

This topic explains the updates to this service.

2007.1 Updates

In the 2007.1 version of jXchange, Stop Check has been augmented to include a new field for stop/hold entry. This field allows users to enter holds after cutoff and therefore the deposit set that pertains to that hold does not get posted until the

following business day. A new field was created to generate a notice letting the consumer know that the information was added to the stop file.

- The new element `StopNotCode` was added to the complex element `StopChkInfo`.
- The new element `StopNotDesc` was added to the complex element `StopChkInfo`.
- The existing element `EffDt` was added to the complex element `StopChkRec`.
- The element `StopNotCode` was added to the `ParmName` canonical values.

Note

`StopNotCode` may include any type of delivery for the notices. This delivery may encompass Email, paper, verbal or other means as determined by the Service Provider. The default value for `StopNotCode` blanks or null is be negative (i.e. No).

Note

The element `EffDt` defaults to the current date for zeros or null.

2008.1 Updates

The following new array was created:

- `StopChkRecArray_AType`

The following new simple elements were created:

- `PostAdvDesc`
- `PostAdvCode`
- `RelAcctId`
- `RelAcctType`

The following complexes were updated:

- `ErrOvrRdInfoArray_AType`
- `MsgRsHdr_CType`
- `SrchMsgRsHdr_CType`
- `StopChkInfo_CType`
- `StopChkRec_CType`
- `StopChkSrchRs_MType`

2009.0 Updates

The following new simple elements were created:

- `AvlBalEffDt`

The following complexes were updated:

- `StopChkInfo_CType`

2010.0 Updates

The following new service was created:

- Stop Check Add Validate

The following new messages were created:

- `StopChkAddValidateRq_MType`
- `StopChkAddValidateRs_MType`

2018.7.09 Updates

The following complexes were updated:

- `StopChkInfo_CType`
- `StopChkRec_CType`
- `XferRec_CType`

Tax Plan Services Updates

This topic explains the updates to this service.

2008.1 Updates

The following arrays were created:

- `BenfSrchRecArray_AType`
- `PlnSrchRecArray_AType`
- `PlnAcctSrchRecArray_AType`

The following messages were updated:

- `TaxPlnAcctSrchRs_MType`
- `TaxPlnAddRq_MType`
- `TaxPlnBenfSrchRs_MType`
- `TaxPlnSrchRs_MType`

The following arrays were updated:

- `CondNotfArray_AType`
- `ErrOvrRdInfoArray_AType`
- `IncXtendElemArray_AType`

The following complexes were updated:

- `MsgRsHdr_CType`
- `SrchMsgRsHdr_CType`

2009.1 Updates

The following simple elements were created:

- `CntrbAmtPriorYTD`
- `CntrbAmtYTD`

The following complex was updated:

- `PlnCust_CType`

2010.0 Updates

The following messages were updated:

- `TaxPlnAddRq_MType`
- `TaxPlnModRq_MType`
- `TaxPlnBenfAddRq_MType`
- `TaxPlnBenfModRq_MType`
- `TaxPlnInqRq_MType`
- `TaxPlnInqRs_MType`

The following complex was updated:

- `Benf_CType`

2011.0 Updates

The following services were created:

- Tax Plan Add Validate
- Tax Plan Beneficiary Add Validate

The following messages were created:

- `TaxPlnAddValidateRq_MType`
- `TaxPlnAddValidateRs_MType`
- `TaxPlnBenfAddValidateRq_MType`
- `TaxPlnBenfAddValidateRs_MType`

2012.0 Updates

The following messages were updated:

- TaxPlnInqRq_MType
- TaxPlnInqRs_MType
- TaxPlnModRq_MType

2013.1.00 Updates

The following complex was updated:

- Benf_CType

2015.0.07 Updates

The following messages were updated:

- TaxPlnAcctSrchRq_MType
- TaxPlnBenfInqRq_MType
- TaxPlnBenfSrchRq_MType
- TaxPlnSrchRq_MType

2021.0.03

The following complex element was updated:

- PlnCust_CType

2021.1.03

The following complex element was updated:

- BenfSrchRec_CType

Teller Services Updates

This topic explains the updates to this service.

2016.0.09 Updates

The following services were created:

- Teller Transaction Addition
- Teller Transaction Inquiry

The following messages were created:

- TellerTrnAddRq_MType
- TellerTrnAddRs_MType
- TellerTrnInqRq_MType

- `TellerTrnInqRs_MType`

The following simple elements were created or updated:

CashIn

Cash-in amount.

CashItemCnt

The number/count for a specific currency.

CashOut

Cash-out amount.

CashType

The cash type. Canonical values are:

- *CashIn*
- *CashOut*

ComptId

The compartment identification.

CurrDenomCode

The code that references the type of currency denomination.

CurrDenomDesc

The description of the currency code denomination.

PrvdFamName

The category or group that the event owner is associated with. Canonical values are:

- *BillPay*
- *CardServices*
- *CkImg*
- *Core*
- *CrCardServices*
- *CRM*
- *DocImg*
- *Fraud*
- *HumanCapMgmt*
- *IMS*
- *JES*
- *NotServices*
- *OLB*
- *PltFm*

- *PmtServices*
- *TellerSys*
- *UsrInterface*
- *Wires*
- *VR*

SvcPrvdName

The message service providers. Canonical values are:

- *4Sight*
- *AES*
- *AlrtCenter*
- *Argo*
- *BrdCst*
- *BSA*
- *CIF2020*
- *CoreDir*
- *Cruise*
- *DirectLineIntlWires*
- *DirectLineWires*
- *EEMS*
- *EL*
- *ENS*
- *Episys*
- *EPS*
- *ERMS*
- *EWf*
- *iPay*
- *iTalk*
- *JHAEnterCRM*
- *JHAPayCenter*
- *jXchange*
- *MFA*
- *NetTeller*
- *ODI*
- *OnBoardDep*
- *OnBoardLn*
- *Passport*
- *Payrailz*

- *PmtProcSols*
- *Silhouette*
- *SilverLake*
- *Synapsys*
- *Synergy*
- *TimeTrack*
- *TP_CSPI*
- *TP_DocuSign*
- *TP_FISImageCentre*
- *TP_FISTBS*
- *TP_HylandOnBase*
- *TP_IMM*
- *TP_Symantec*
- *TP_Verafin*
- *Vertex*
- *Vertex*
- *YellowHammer*
- *YHRTFD*

The following complexes were created:

- *CashCntDet_CType*
- *CashMachTrnDet_CType*
- *TellerDrwComptRec_CType*
- *TellerTrn_CType*
- *TellerTrnDet_CType*
- *TellerTrnInfo_CType*
- *TellerTrnInfoRec_CType*

The following arrays were created:

- *CashMachArray_AType*
- *TellerDrwComptArray_AType*
- *TellerTrnDetArray_AType*

2016.0.10 Updates

The following messages were created:

- Teller Transaction Modification
- Teller Transaction Search

The following messages were created:

- TellerTrnModRq_MType
- TellerTrnModRs_MType
- TellerTrnSrchRq_MType
- TellerTrnSrchRs_MType

The following simple elements were created or updated:

ChkCashAmt

The total number of checks cashed.

ChkDepAmt

The total number of checks deposited.

ChkType

The type of check. Canonical values are:

- *Forn*
- *OnUs*

TellerBusDt

The teller business date.

TellerDrwId

This is the teller drawer identification.

TellerTrnCodeDesc

The description of the teller transaction code.

TellerTrnCode

The type of teller transaction.

TellerTrnItemId

Identifies the teller transaction item that makes up the teller transaction.

The following complexes were created:

- TellerDrwIdRec_CType
- TellerTrnSrchRec_CType

The following arrays were created:

- TellerDrwIdArray_AType
- TellerTrnSrchRecArray_AType
- TellerTrnInfoArray_AType
- TrnFeeArray_AType

2016.1.01 Updates

The following services were created:

- Teller Drawer Search
- Teller Drawer Transition Search

The following messages were created:

- `TellerDrwSrchrq_MType`
- `TellerDrwSrchrS_MType`
- `TellerDrwTrnsitnSrchrq_MType`
- `TellerDrwTrnsitnSrchrS_MType`

The following arrays were created:

- `TellerDrwSrchrRecArray_AType`
- `TrnsitnSrchrArray_AType`

The following complexes were created:

- `TellerDrwSrchrRec_CType`
- `TrnsitnSrchrRec_CType`

The following simple elements were created or updated:

CashMachIPAddr

The IP address of the cash machine.

CashMachIPPort

The IP port of the cash machine.

CashMachIPType

Identifies whether the cash machine IP is for cash or coin and which side, left or right. Canonical values are:

- *LeftCash*
- *LeftCoin*
- *RightCash*
- *RightCoin*

CashMachTypeCode

The code that designates the type of cash machine.

EndAmt

The ending amount of the drawer at transition.

LastTrnsitnType

Answers the question: Should only the most recent transition entry for the teller drawer be returned? Canonical values are:

- *false*
- *true*

The default value is *false*.

OvrAmt

The overage amount of the drawer at transition.

ShortAmt

The shortage amount of the drawer at transition.

StartAmt

The starting amount of the drawer at transition.

TellerDrwIdDesc

The description of the teller drawer ID.

TellerDrwStat

Status of the teller drawer. Canonical values are:

- *Live*
- *Test*

TellerDrwType

The teller drawer type. Canonical values are:

- *ATM*
- *CoinMach*
- *CSR*
- *Disp*
- *Ln*
- *NonCash*
- *TCR*
- *Teller*
- *Vault*

The default value is *Teller*.

TellerDrwWsid

The work station ID that is assigned to the teller drawer.

TellerUsrid

The teller user identification.

TrnsitnCIsDt

The teller drawer transition close date.

TrnsitnClsTime

The teller drawer transition closing time.

TrnsitnDt

The teller drawer transition date.

TrnsitnTime

The teller drawer transition time.

The following complex was updated:

- NSFHistSrchRec_CType

2016.1.01 Updates

The following services were created:

- Teller Currency Transaction Addition
- Teller Currency Transaction Modification
- Teller Currency Transaction Inquiry
- Teller Currency Transaction Search
- Teller Drawer Modification
- Teller Non

The following messages were created:

- TellerCurrTrnAddRq_MType
- TellerCurrTrnAddRs_MType
- TellerCurrTrnModRq_MType
- TellerCurrTrnModRs_MType
- TellerCurrTrnInqRq_MType
- TellerCurrTrnInqRs_MType
- TellerCurrTrnSrchRq_MType
- TellerCurrTrnSrchRs_MType
- TellerCustSrchRq_MType
- TellerCustSrchRs_MType
- TellerDrwModRq_MType
- TellerDrwModRs_MType
- TellerNonCustAddRq_MType
- TellerNonCustAddRs_MType
- TellerNonCustModRq_MType
- TellerNonCustModRs_MType

- `TellerNonCustInqRq_MType`
- `TellerNonCustInqRs_MType`

The following simple elements were created or updated:

DrwActType

Indicates the type of teller drawer activity. Canonical values are:

- *Bal*
- *Claim*
- *Rls*
- *Trnsitn*

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*
- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallnq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmtAdd*
- *AcctCombStmtInq*
- *AcctCombStmtMod*
- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*
- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*
- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*

- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*
- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*
- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*
- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*
- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*
- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*
- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*

- *BilPaySubSrch*
- *BrdCstSrch*
- *ChkImgInq*
- *ChkImgStmtGen*
- *ChkImgStmtGenInq*
- *ChkImgStmtSrch*
- *ColAdd*
- *Collnq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*
- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollnq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*
- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlnq*
- *CustInfoMsgInq*
- *CustInq*
- *CustMod*
- *CustMsgAdd*
- *CustMsgInq*
- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*

- *CustRelInq*
- *CustRelMod*
- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPPersonProdDictInq*
- *EDPPPPersonProdMod*
- *EDPPPPersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnInq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*
- *EFTCardImgIdMod*
- *EFTCardImgIdSrch*
- *EFTCardInq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*
- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*
- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*
- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*

- *FASB91Add*
- *FASB91AddValidate*
- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfolnq*
- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtld*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*
- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*
- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*
- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*

- *LnFeeSrch*
- *LnLiabInq*
- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmAppInq*
- *LnPltfmProdSrch*
- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcplInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*
- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAAdd*
- *LOCAAddValidate*
- *LOCCConstInProcAdd*
- *LOCCConstInProclnq*
- *LOCCConstInProcMod*
- *LOCCConstInProcSrch*
- *LOCMod*
- *LOCSrch*
- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*
- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*

- *MFASecdRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrConsmCredAdd*
- *MFAUsrConsmCredInq*
- *MFAUsrConsmCredMod*
- *MFAUsrConsmCredSrch*
- *MFAUsrQnAAdd*
- *MFAUsrQnAInq*
- *MFAUsrQnAMod*
- *MFAUsrQnAMod*
- *MFAUsrQnAValidate*
- *MFAWaterMarkSrch*
- *MLLMasterRelAdd*
- *MLLMasterRelInq*
- *MLLMasterRelMod*
- *MLLRelSrch*
- *MLLTrancheRelAdd*
- *MLLTrancheRelInq*
- *MLLTranchRelMod*
- *NewAcctSrch*
- *NSFHistSrch*
- *ODISvcCred*
- *ODPrvlgHistSrch*
- *OFACSrch*
- *PersonNameMod*
- *PingAll*
- *PltfmAppAdd*
- *PltfmAppInq*
- *PltfmAppSrch*

- *PltfmProdInq*
- *PltfmStatInq*
- *PltfmStatInq*
- *PltfmStatMod*
- *PosPayItemInq*
- *PosPayItemInq*
- *PosPayItemMod*
- *PromoXferAdd*
- *PromoXferInq*
- *PromoXferMod*
- *PromoXferSrch*
- *PubWorkflowSrch*
- *RealEstatePropAdd*
- *RealEstatePropMod*
- *RealEstatePropSrch*
- *RelaEstatePropAddValidate*
- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*
- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*
- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*
- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*

- *TaxPlnBenfSrch*
- *TaxPlnInq*
- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*
- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*
- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*
- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*
- *WireComplInq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*
- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*

- *WireDrwdwnTrnTpltMod*
- *WireHistSrch*
- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*
- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstISOTmplMod*
- *WireTrnInq*
- *WireTrnISOAdd*
- *WireTrnISOTmplMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOMod*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*
- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*
- *XferSrcDestSrch*
- *XferSrch*

TrnOwnerExmpRsnType

Reason why the individual conducting the transaction is exempt from reporting.
Canonical values are:

- *ArmoredCar*
- *ATM*

- *ConductBenf*
- *MailDep*
- *MultiTrn*
- *NightDep*

The following arrays were created:

- `CurrTrnActArray_AType`
- `CurrTrnCustArray_AType`
- `TellerDrwTrnsitnArray_AType`
- `TellerCustSrchRecArray_AType`
- `TellerCurrTrnSrchRecArray_AType`
- `TellerTrnRcptArray_AType`

The following complexes were created:

- `BalModInfo_CType`
- `ClaimModInfo_CType`
- `CurrTrnAcctDetail_CType`
- `CurrTrnCustDetail_CType`
- `CurrTrnInfo_CType`
- `CurrTrnInqRec_CType`
- `RlsModInfo_CType`
- `TellerCustSrchRec_CType`
- `TellerCurrTrnSrchRec_CType`
- `TellerNonCustDetail_CType`
- `TellerNonCustInqRec_CType`
- `TellerTrnRcptRec_CType`
- `TrnsitnModInfo_CType`

Transfer Services Updates

This topic explains the updates to this service.

2025.0.00

The following complex element was updated:

- `XferSrchRec_CType`

2023.1.02 Updates

The following complex element was created or updated:

- FutXferRec_CType

The following array was created or updated:

- GLTrnDescArray_AType

2023.1.01 Updates

The following complex elements were created or updated:

- ACHXferRec_CType
- ACHXferSrchRec_CType
- FutXferRec_CType
- FutXferSrchRec_CType
- XferExpSrchInfo_CType
- XferRec_CType
- XferSrchRec_CType

2021.0.00 Updates

The following complex was updated:

- ACHXferRec_CType

2018.7.08 Updates

The following complex was updated.

- XferRec_CType

2018.7.03 Updates

The following services were created:

- Payment Hub Credit Transfer Addition
- Payment Hub Credit Transfer Modification

The following messages were created:

- PmtHubCrXferAddRq_MType
- PmtHubCrXferAddRs_MType
- PmtHubCrXferModRq_MType
- PmtHubCrXferModRs_MType

The following complexes were created or updated:

- CrCustInfoRec_CType
- DrCustInfoRec_CType
- ImmedInfoRec_CType
- PmtHubCrXferModRec_CType
- RemitPmtInfo_CType

The following array was created:

- RemitPmtArray_AType

2018.5.02 Updates

The following service was created:

- Transfer Expiration Search

The following messages were created:

- XferExpSrchRq_MType
- XferExpSrchRs_MType

The following complex was created:

- XferExpSrchInfo_CType

The following array was created:

- XferExpSrchArray_AType

The following simple element was created or updated:

XferNxtDt

The next scheduled transfer date.

2015.0.07 Updates

The following message was updated:

- XferSrcDestSrchRq_MType

2015.0.06 Updates

The following complex was updated:

- ACHXferRec_CType

2014.0.07 Updates

The following complex was updated:

- `ACHXferRec_CType`

2014.0.04 Updates

The following simple elements and their canonical values were created:

- **DayOfWeek**
 - *Mon*
 - *Tues*
 - *Wed*
 - *Thur*
 - *Fri*
 - *Sat*
 - *Sun*
- **DayOfWeekOccur**
 - *First*
 - *Secd*
 - *Third*
 - *Fourth*
 - *Last*

The following complex was updated:

- `FutXferRec_CType`

2014.0.02 Updates

The following simple elements and their canonical values were created:

- **PrtPartRcpt**
 - *false*
 - *true*
- **RcptDlvryMthd**
 - *Email*
 - *Mail*

The following complex was updated:

- `FutXferRec_CType`

The following simple element was updated with the canonical value:

- **PrtRcpt**

- *FirstRcptOnly*

2013.1.02 Updates

The following complex was updated:

- `AcctNSFTrnRecInfo_CType`

2012.1.02 Updates

The following new simple elements were created or updated:

FutXferMatPmtCode

The code that describes the behavior for loan payments at maturity for future transfers.

FutXferMatPmtDesc

The description of the code that describes the behavior for loan payments at maturity for future transfers.

The following complexes were updated:

- `FutXferRec_CType`
- `FutXferSrchRec_CType`

The following simple element was updated with the new canonical value listed:

- **ParmName** - This is the jX element name. The canonical value added is:
FutXferMatPmtCode.

2012.0.01 Updates

The following new simple elements and their canonical values were created:

- **RstrExcType**

- *ChgdOff*
- *Cls*
- *Dormant*
- *Escheat*
- *Frz*
- *LmtTrn*
- *NoCr*
- *NoPost*
- *RstrTrn*

The following complex was updated:

- XferRec_CType

2011.1.01 Updates

The following new arrays were created:

- XferSrcDestRstrArray_AType
- XferSrcDestSrchrqArray_AType

The following new complexes were created:

- XferSrcDestRstrInfo_CType
- XferSrcDestSrchrqInfo_CType

The following messages were updated:

- XferSrcDestSrchrq_MType
- XferSrcDestSrchrRs_MType

The following complexes were updated:

- XferSrcDestSrchrInfo_CType

2011.0 Updates

The following messages were updated:

- XferSrchrq_MType

The following complexes were updated:

- ACHXferSrchrRec_CType
- FutXferSrchrRec_CType
- XferSrchrRec_CType

2010.0 Updates

The following new array was created:

- ACHIntlAddendaArray_AType

The following new complex was created:

- ACHIntlAddendaInfoRec_CType

The following new simple elements were created:

- ACHRecvId
- FornPmtAmt

The following complex was updated:

- `ACHIntlInfoRec_CType`

2009.1 Updates

The following new services were created:

- Transfer Add Validation Service
- Transfer Source Destination Search Service

The following new messages were created:

- `XferAddValidateRq_MType`
- `XferAddValidateRs_MType`
- `XferSrcDestSrchRq_MType`
- `XferSrcDestSrchRs_MType`

The following new array was created:

- `XferSrcDestSrchArray_AType`

The following new complex was created:

- `XferSrcDestSrchInfo_CType`

The following new simple elements were created:

- `FutXferOccr`
- `XferExclu`
- `XferSrcDestType`

The following complex was updated:

- `FutXferRec_CType`

2009.0 Updates

The following new complex was created:

- `ACHIntlInfoRec_CType`

The following new simple elements were created:

- `ACHIntlType`
- `AvlBalCalcCode`
- `DrTrnCodeCode`
- `DrTrnCodeDesc`
- `FornExchRef`

- `FornExchRefType`
- `FornExchType`
- `ISODestCntry`
- `ISODestCur`
- `ISOOrigCur`
- `XferSrcType`

The following services were updated:

- Transfer Add
- Transfer Modify
- Transfer Search

The following complexes were updated:

- `ACHXferRec_CType`
- `FutXferRec_CType`
- `XferRec_CType`
- `XferSrchRec_CType`

2008.1 Updates

The following new arrays were created:

- `ACHXferSrchRecArray_AType`
- `FutXferSrchRecArray_AType`
- `XferSrchRecArray_AType`

The following message was updated:

- `XferSrchRs_MType`

The following array was updated:

- `ErrOvrRdInfoArray_AType`

The following complexes were updated:

- `MsgRsHdr_CType`
- `SrchMsgRsHdr_CType`
- `XferRec_CType`

2008.0 Updates

The following new complexes were created:

- `FutXferRec_CType`

- FutXferSrchRec_CType

The following new simple elements were created:

- FutXferAmtLTD
- FutXferDayOfMonth
- FutXferExpDt
- FutXferFirstDt
- FutXferFreq
- FutXferFreqUnits
- FutXferLateChgCode
- FutXferLateChgDesc
- FutXferNextDt
- FutXferNSFCode
- FutXferNSFDesc
- FutXferSuspEndDt
- FutXferSuspStartDt
- FutXferUseLnAmtCode
- FutXferUseLnAmtDesc
- FutXferUseLnDtCode
- FutXferUseLnDtDesc

The following messages were updated:

- XferAddRq_MType
- XferModRq_MType
- XferSrchRs_MType

2007.2 Updates

The following new array was created:

- ACHAddendaArray_AType

The following new complex was created:

- ACHAddendaInfoRec_CType

The following new simple elements were created:

- ACHAddenda
- ACHAltCompName
- ACHIndvId

The following complexes were updated:

- ACHXferRec_CType
- XferRec_CType
- XferSrchRec_CType

Transaction Services Updates

This topic explains the updates to this service.

2024.1.03 Updates

The following message was added or updated:

- AcctExcTrnModRq_MType

The following complex element was created or updated:

- ExcTrnRec_CType

2024.1.02 Updates

The following complex elements were created or updated:

- PosPayItemInfoRec_CType
- PosPayItemInqRec_CType

2024.1.01 Updates

The following complex elements were created or updated:

- ChgBackAcct references AccountId_CType
- DepNSFODInfo_CType

2024.0.01 Updates

The following simple element was created or updated:

EFTCardCapType

What process was used to capture the EFT card data? Canonical values are:

- *BarCode*
- *CertMagRead*
- *ChipRead*
- *ElecMer*
- *FallbackMagRead*

- *Keyed*
- *MagRead*
- *NFCChipRead*
- *NFCMagRead*
- *OCR*
- *Trak*
- *UnCertChipRead*

2023.1.01 Updates

The following complex elements were created or updated:

- `ACHHistSrchRec_CType`
- `TrnInfo_CType`
- `TrnModInfo_CType`

The following simple element was created:

ACHAddeType

Does ACH addenda exist for this entity/resource? Canonical values are:

- *true*
- *false*

2023.0.03 Updates

The following complex elements were created or updated.

- `AcctNSFTrnRecInfo_CType`
- `NSFHistSrchRec_CType`
- `TrnAuthBalDetRec_CType`
- `TrnInfo_CType`

The following simple elements were created or updated:

TrnAuthBalAmt

The account balance that was used for authorization of a transaction.

TrnAuthBalType

This transaction was authorized based on good funds?

- `true`
- `false`

TrnAuthBalTimeDt

The time and date the transaction was authorized on good funds.

2022.0.02 Updates

The following messages were updated:

- `TrnSetItemSrchRq_MType`
- `TrnSetItemSrchRs_MType`
- `AcctHistSrchRq_MType`

The following complex elements were created.

- `LnHistSrchRec_CType`
- `LnHistPmtInfoSrchRec_CType`

The following array was created:

- `LnHistPmtInfoSrchArray_AType`

The following simple element was created or updated:

InclLnPmtBrkdwnType

Include the Loan Payment Breakdown Array? Canonical values are:

- *True*
- *False*

2021.1.03 Updates

The following complexes were updated:

- `TrnAddQuoteInfo_CType`
- `TrnAddQuotePostInfo_CType`
- `TrnAddQuotePriorInfo_CType`

2021.0.00 Updates

The following messages were updated:

- `AcctNSFTrnInqRs_MType`
- `NSFHistSrchRs_MType`

The following simple element was added:

FeeTotAmt

The total amount of fees assessed that represents all NSF/OD/UCF fees applied to an account for the business day.

2020.1.04 Updates

The following message was updated:

- `PmtHubPmtRqAddRq_MType`

The following complex was updated:

- `ImmedInfoRec_CType`

2019.0.04 Updates

The following services were added:

- Payment Hub Payment Request Addition
- Payment Hub Payment Request Modification

The following messages were created:

- `PmtHubPmtRqAddRq_MType`
- `PmtHubPmtRqAddRs_MType`
- `PmtHubPmtRqModRq_MType`
- `PmtHubPmtRqModRs_MType`

The following complexes were created or updated:

- `PmtRqInfo_CType`
- `PmtRqRsInfo_CType`

The following arrays were created or updated:

- `PmtRqRsArray_AType`
- `PmtRqArray_AType`

The following simple elements were created or updated:

PmtRqAmt

The amount of the requested payment.

PmtRqDesc

The description related to a payment request.

PmtRqRespStatType

The status of a payment request as related to the responder. Canonical values are:

- *Acpt*
- *InvalidUsrToken*
- *RstrUsrToken*

- *RstrUsr*

PmtRqTermDesc

A free-form description specific to a payment request.

PurchOrderId

An identifier related to a purchase order.

2018.7.09 Updates

The following complexes were updated:

- `StopChkInfo_CType`
- `StopChkRec_CType`
- `XferRec_CType`

2018.7.04 Updates

The following service was created:

- Escrow Transaction History Search

The following messages were created:

- `EscrwTrnHistSrchRq_MType`
- `EscrwTrnHistSrchRs_MType`

The following complex was created or updated:

- `DepHistSrchRec_CType`
- `EscrwTrnHistSrchRec_CType`

The following array was created:

- `EscrwTrnhistSrchArray_AType`

The following simple elements were created or updated:

EscrwTypeCode

The code that designates the type of escrow record. For example, insurance or taxes.

EFTTrnid

A document reference assigned to an EFT transaction by the originating entity.

2018.7.03 Updates

The following simple element was created or updated:

MemoPostInc

Determines the behavior searching history search for memo-posted items. Canonical values are:

- *Excl*
- *Only*
- *True*

The default value is *Excl* (exclude).

2018.5.03 Updates

The following complexes were updated:

- `DepHistSrchRec_CType`
- `LnHistSrchRec_CType`
- `TimeDepHistSrchRec_CType`

2018.5.02 Updates

The following complex was updated:

- `PosPayItemInqRec_CType`

2018.5.01 Updates

The following services were moved to third party:

- Service Fee Transaction Addition
- Service Fee Transaction Modification

2017.0.03 Updates

The following messages were updated:

- `AcctNSFTrnModRq_MType`

The following simple elements were created or updated:

ACHXferMatPmtCode

The code that describes the behavior for loan payments at maturity for ACH transfers.

ACHXferMatPmtDesc

The description of the code that describes the behavior for loan payments at maturity for ACH transfers.

The following complexes were updated:

- `ACHXferRec_CType`

- `ACHXferSrchRec_CType`

2017.0.02 Updates

The following services were added:

- NSF Processing State Search

The following messages were created:

- `NSFProcStateSrchRq_MType`
- `NSFProgStateSrchRs_MType`

The following complex was created:

- `NSFProcStateSrchRec_CType`

The following array was created:

- `NSFProcStateSrchArray_AType`

2016.0.09 Updates

The following services were added:

- Account Exception Transaction Modification
- Positive Pay Item Inquiry
- Positive Pay Item Modification
- Positive Pay Item Search

The following messages were created:

- `AcctExcTrnModRq_MType`
- `AcctExcTrnModRs_MType`
- `PosPayItemInqRq_MType`
- `PosPayItemInqRs_MType`
- `PosPayItemModRq_MType`
- `PosPayItemModRs_MType`
- `PosPayItemSrchRq_MType`
- `PosPayItemSrchRs_MType`

The following simple elements were created or updated:

CashItemCnt

The number/count for a specific currency.

CashType

The cash type. Canonical values are:

- *CashIn*
- *CashOut*

ComptId

The compartment identification.

CurrDenomCode

The code that references the type of currency denomination.

CurrDenomDesc

The description of the currency code denomination.

PosPayItemId

The positive pay item identifier.

PosPayViolType

The type of positive pay violation. Canonical values are:

- *Dorm*
- *Dup*
- *InvAmt*
- *InvPayee*
- *MaxAmt*
- *Notlss*
- *Pdnotlss*
- *SerialMiss*
- *StaleDt*
- *StopPay*
- *Void*

PostPayItemStatType

The state of the positive pay item. Canonical values are:

- *NSF*
- *Pd*
- *Ret*

PrvdFamName

The category or group that the event owner is associated with. Canonical values are:

- *BillPay*
- *CardServices*
- *CkImg*
- *Core*

- *CrCardServices*
- *CRM*
- *DocImg*
- *Fraud*
- *HumanCapMgmt*
- *IMS*
- *JES*
- *NotServices*
- *OLB*
- *PltFm*
- *PmtServices*
- *TellerSys*
- *UsrInterface*
- *Wires*
- *VR*

SvcPrvdName

The message service providers. Canonical values are:

- *4Sight*
- *AES*
- *AlrtCenter*
- *Argo*
- *BrdCst*
- *BSA*
- *CIF2020*
- *CoreDir*
- *Cruise*
- *DirectLineIntlWires*
- *DirectLineWires*
- *EEMS*
- *EL*
- *ENS*
- *Episys*
- *EPS*
- *ERMS*
- *EWf*
- *iPay*
- *iTalk*

- *JHAEnterCRM*
- *JHAPayCenter*
- *jXchange*
- *MFA*
- *NetTeller*
- *ODI*
- *OnBoardDep*
- *OnBoardLn*
- *Passport*
- *Payrailz*
- *PmtProcSols*
- *Silhouette*
- *SilverLake*
- *Synapsys*
- *Synergy*
- *TimeTrack*
- *TP_CSPI*
- *TP_DocuSign*
- *TP_FISImageCentre*
- *TP_FISTBS*
- *TP_HylandOnBase*
- *TP_IMM*
- *TP_Symantec*
- *TP_Verafin*
- *Vertex*
- *Vertex*
- *YellowHammer*
- *YHRTFD*

TellerTrnItemId

Identifies the teller transaction item that makes up the teller transaction.

The following complexes were created:

- `PosPayItemSrchRec_CType`
- `PosPayItemInfoRec_CType`
- `PosPayItemInqRec_CType`

The following arrays were created:

- `PosPayItemSrchArray_AType`

2015.0.02 Updates

The following services were created:

- Transaction Fraud Rule Search
- Transaction Fraud Suspect Search

The following messages were created:

- `TrnFraudRuleSrchRq_MType`
- `TrnFraudRuleSrchRs_MType`
- `TrnFraudSusSrchRq_MType`
- `TrnFraudSusSrchRs_MType`

The following arrays were created:

- `TrnFraudRuleArray_AType`
- `TrnFraudRuleSrchArray_AType`
- `TrnFraudSusSrchArray_AType`

The following complexes were created:

- `TrnFraudRuleRec_CType`
- `TrnFraudRuleSrchRec_CType`
- `TrnFraudSusSrchRec_CType`

The following simple elements were created or updated:

EndTimeDt

The date and time that designates the ending point for date/time selections.

FraudRuleRiskPct

The percentage of risk assigned to a specific fraud rule.

FraudRuleStatType

The status of a fraud rule. Canonical values are:

- *Act*
- *InAct*

StartTimeDt

The date and time that designates the starting point for date/time selections.

TrnFraudCatType

The category given to fraud activity as related to a transaction. Canonical values are:

- *ACHDr*

- *ACHOrign*
- *ATMDr*
- *Dep*
- *EFTDr*
- *MoneyLandr*
- *OnUsCk*
- *POSDr*
- *WireOrign*

TrnFraudRuleCode

The code given to transaction fraud rules.

TrnFraudRuleDesc

The description of the code given to transaction fraud rules.

TrnFraudRuleId

An identifier given to transaction fraud rules.

TrnFraudSusId

An identifier given to transaction fraud suspects.

TrnFraudSusRiskPct

The percentage of risk assigned to a specific fraud suspect.

TrnFraudSusTimeDt

The date and time of a transactional fraud suspect item.

2015.0.01 Updates

The following simple element was created or updated:

ApprvOffCode

The approving officer code.

The following complex was updated:

- `SvcFeeTrnInfo_CType`

2014.0.05 Updates

The following service was created:

- Issued Item Multiple Addition

The following messages were created:

- `IssItemMultiAddRq_MType`
- `IssItemMultiAddRs_MType`

The following arrays were created:

- `IssItemInfoArray_AType`
- `IssItemRsInfoArray_AType`

The following complexes were created:

- `IssItemInfo_CType`
- `IssItemRsInfo_CType`

The following simple elements and their canonical values were created:

- **ChkVoidDt**
- **IssItemId**
- **IssItemType**
 - *Chk*
 - *Dep*
 - *Void*

2013.1.02 Updates

The following new simple element was created:

- **ACHTraceId**

The following complexes were updated:

- `ACHHistSrchRec_CType`
- `AcctNSFTrnRecInfo_CType`

The following element was scheduled for deprecation:

- **ACHTraceNum** from `ACHHistSrchRec_CType`

2013.1.01 Updates

The following complexes were updated:

- `TrnInfo_CType`
- `TrnModInfo_CType`

2012.1.02 Updates

The following new services were created:

- Account NSF Transaction Inquiry
- Account NSF Transaction Modification

The following new messages were created:

- AcctNSFTrnInqRq_MType
- AcctNSFTrnInqRs_MType
- AcctNSFTrnModRq_MType
- AcctNSFTrnModRs_MType

The following new array was created:

- AcctNSFTrnRecArray_AType

The following new complexes were created:

- AcctNSFTrnRecInfo_CType
- NSFItemTrnRec_CType

The following new simple elements and their canonical values were created:

- **ExcDispCode**
- **ExcDispDesc**
- **NSFFeeAdjAmt**
- **NSFChgWavRsnCode**
- **NSFChgWavRsnDesc**
- **NSFItemId**
- **NSFPdUnCol**
- **UnResolveOnly** - *true* and *false*

The following messages were updated:

- NSFHistSrchRq_MType
- NSFHistSrchRs_MType

The following complex was updated:

- NSFHistSrchRec_CType

2011.1.01 Updates

The following new simple element was created:

- AvlBalCalcCode

The following messages were updated:

- TrnAddRq_MType
- TrnModRq_MType

2011.1 Updates

The following new service was created:

- Overdraft Privilege History Search

The following new messages were created:

- `ODPrvlgHistSrchrq_MType`
- `ODPrvlgHistSrchrS_MType`

The following new arrays were created:

- `ODPrvlgCalArray_AType`
- `ODPrvlgHistSrchrArray_AType`

The following new complexes were created:

- `ODPrvlgAcctInfo_CType`
- `ODPrvlgCalInfoRec_CType`
- `ODPrvlgHistSrchrRec_CType`
- `ODPrvlgInfoRec_CType`

The following new simple elements and their canonical values were created:

- **CalMonth**

- *Jan*
- *Feb*
- *Mar*
- *Apr*
- *May*
- *June*
- *July*
- *Aug*
- *Sep*
- *Oct*
- *Nov*
- *Dec*

- **CalYr**

- **ExclODPrvlgRpt**

- *false*
- *true*

- **ODExmpAvlAmt**

- **ODExmpColAmt**

- **ODExmpCurCnt**

- **ODExmpLdgrAmt**

- **ODExmpQTDCnt**
- **ODExmpPYTDCnt**
- **ODExmpYTDCnt**
- **ODPrvlgActnDt**
- **ODPrvlgConCode**
- **ODPrvlgConDesc**
- **ODPrvlgCntReset**
 - *false*
 - *true*
- **ODPrvlgCntRevo**
 - *false*
 - *true*
- **ODPrvlgGraceDt**
- **ODPrvlgHistDt**
- **ODPrvlgLastCntDt**
- **ODPrvlgLmtDt**
- **ODPrvlgLTDOccurCnt**
- **ODPrvlgOccurCnt**
- **ODPrvlgResetCnt**
- **ODPrvlgTrnType**
 - *false*
 - *true*

The following messages were updated:

- `AcctHistSrchrq_MType`
- `AcctMemoPostSrchrq_MType`

The following complexes were updated:

- `DepHistSrchrRec_CType`
- `LnHistSrchrRec_CType`

2011.0 Updates

The following new service was created:

- Transaction Set Item Search

The following new messages were created:

- `TrnSetItemSrchrq_MType`

- `TrnSetItemSrchrRs_MType`

The following new array was created:

- `TrnSetItemSrchrArray_AType`

The following new complex was created:

- `TrnSetItemSrchrRec_CType`

The following new simple elements were created:

- `ItemProcEndor`
- `MemoPostHldOvr`
- `PriorSysImgId`

The following complexes were updated:

- `DepHistSrchrRec_CType`
- `LnHistSrchrRec_CType`
- `TimeDepHistSrchrRec_CType`
- `TrnInfo_CType`
- `TrnModInfo_CType`

2010.0 Updates

The following new service was created:

- Transaction Add Validate

The following new messages were created:

- `TrnAddValidateRq_MType`
- `TrnAddValidateRs_MType`

2009.1 Updates

The following new services were created:

- Account Memo Post Search
- NSF History Search

The following new messages were created:

- `AcctMemoPostSrchrRq_MType`
- `AcctMemoPostSrchrRs_MType`
- `NSFHistSrchrRq_MType`
- `NSFHistSrchrRs_MType`

The following new array was created:

- `NSFHistSrchRecArray_AType`

The following new complex was created:

- `NSFHistSrchRec_CType`

2009.0 Updates

The following new messages were created:

- `TrnModRq_MType`
- `TrnModRs_MType`

The following new complex was created:

- `TrnModInfo_CType`

The following new simple element was created:

- **TrnUsrId**

The following services were updated:

- Account History Search
- Transaction Add

The following message was updated:

- `AcctHistSrchRq_MType`

The following complexes were updated:

- `AccountId_CType`
- `DepHistSrchRec_CType`
- `LnHistSrchRec_CType`
- `MsgRqHdr_CType`
- `SafeDepHistSrchRec_CType`
- `TimeDepHistSrchRec_CType`
- `TrnInfo_CType`

Wire Services Updates

This topic explains the updates to this service.

2025.0.01 Updates

The following messages were created or updated:

- WireInvstgSrchrq_MType
- WireInvstgSrchrS_MType
- WireTrnRetISOSrchrq_MType
- WireTrnRetISOSrchr_MType
- WireTrnStatusISOSrchrq_MType
- WireTrnStatusISOSrchrS_MType
- WirePmtRetSrchrq_MType
- WirePmtRetSrchrS_MType

The following complex elements were created or updated:

- WireInvstgSrchrRec_CType
- WireTrnRetISOSrchrRec_CType
- WireTrnStatusISOSrchrRec_CType
- WirePmtRetRec_CType

2025.0.00 Updates

The following messages were created or updated:

- WireHistSrchrq_MType
- WireHistSrchrS_MType
- WireTmpltsrchrq_MType
- WireTmpltsrchrS_MType

The following complex elements were created or updated:

- OrigTrnInfo_CType
- WireHistSrchrRec_CType
- WirePmtRetRec_CType
- WireTmpltsrchrRec_CType

2024.2.01 Updates

The following services were created:

- Wire Drawdown Transaction Modification
- Wire Drawdown Transaction Reply
- Wire Drawdown Transaction Reply Inquiry
- Wire Drawdown Transaction Reply Modification
- Wire Drawdown Transaction Reply Search
- Wire Drawdown Transaction Reply Template Modification

- Wire Investigation Addition
- Wire Investigation Inquiry
- Wire Investigation Modification
- Wire Investigation Reply
- Wire Investigation Search
- Wire Payment Return Addition
- Wire Payment Return Inquiry
- Wire Payment Return Modification
- Wire Payment Return Search
- Wire Proxy Inquiry
- Wire Regulatory Reporting Inquiry
- Wire Template Search
- Wire Transaction Financial Institution ISO Template Modification
- Wire Transaction ISO Template Modification
- Wire Transaction Return ISO Inquiry
- Wire Transaction Return ISO Modification
- Wire Transaction Return ISO Search
- Wire Transaction Return Request ISO Addition
- Wire Transaction Return Request ISO Reply
- Wire Transaction Status ISO Addition
- Wire Transaction Status ISO Modification
- Wire Transaction Status ISO Search

The following messages were created or updated:

- WireDrwdwnTrnReplyInqRq_MType
- WireDrwdwnTrnReplyInqRs_MType
- WireDrwdwnTrnReplyModRq_MType
- WireDrwdwnTrnReplyModRs_MType
- WireDrwdwnTrnReplyRq_MType
- WireDrwdwnTrnReplyRs_MType
- WireDrwdwnTrnReplySrchRq_MType
- WireDrwdwnTrnReplySrchRs_MType
- WireDrwdwnTrnTpltModRq_MType
- WireDrwdwnTrnTpltModRs_MType
- WireExcTrnSrchRq_MType
- WireExcTrnSrchRs_MType
- WireInvstgAddRq_MType

- WireInvstgAddRs_MType
- WireInvstgInqRq_MType
- WireInvstgInqRs_MType
- WireInvstgMod Rq_MType
- WireInvstgModRs_MType
- WireInvstgReplyRq_MType
- WireInvstgReplyRs_MType
- WireInvstgSrchRq_MType
- WireInvstgSrchRs_MType
- WirePmtRetAddRq_MType
- WirePmtRetAddRs_MType
- WirePmtRetInqRq_MType
- WirePmtRetInqRs_MType
- WirePmtRetModRq_MType
- WirePmtRetModRs_MType
- WirePmtRetSrchRq_MType
- WirePmtRetSrchRs_MType
- WirePrxyInqRq_MType
- WirePrxyInqRs_MType
- WireRegRptInqRq_MType
- WireRegRptInqRs_MType
- WireTmpltInqRq_MType
- WireTmpltInqRs_MType
- WireTmpltSrchRq_MType
- WireTmpltSrchRs_MType
- WireTrnDrwdwnModRq_MType
- WireTrnDrwdwnModRs_MType
- WireTrnFinInstISOTmpltModRq_MType
- WireTrnFinInstISOTmpltModRs_MType
- WireTrnInqRs_MType
- WireTrnISOTmpltModRq_MType
- WireTrnISOTmpltModRs_MType
- WireTrnRetISOInqRq_MType
- WireTrnRetISOInqRs_MType
- WireTrnRetISOModRq_MType

- WireTrnRetISOModRs_MType
- WireTrnRetISOSrchRq_MType
- WireTrnRetISOSrchRs_MType
- WireTrnRetRqISOAddRq_MType
- WireTrnRetRqISOAddRs_MType
- WireTrnRetRqISOReplyRq_MType
- WireTrnRetRqISOReplyRs_MType
- WireTrnStatusISOAddRq_MType
- WireTrnStatusISOAddRs_MType
- WireTrnStatusISOModRq_MType
- WireTrnStatusISOModRs_MType
- WireTrnStatusISOSrchRq_MType
- WireTrnStatusISOSrchRs_MType

The following complexes were created or updated:

- CancelRsInfo_CType
- RetOrigTrnInfo_CType
- RetPmtInfo_CType
- RetRsInfo_CType
- RetRsnInfo_CType
- UndrlygCstmrCdtTrf_CType
- WireDrwdwn_CType
- WireDrwdwnTrnReplyInqInfo_CType
- WireDrwdwnTrnReplySrchRec_CType
- WireDrwdwnTrnTpltInfo_CType
- WireEmplRec_CType
- WireFinInst_CType
- WireFinInstInfo_CType
- WireHistSrchRec_CType
- WireInitOrigInfo_CType
- WireIntrOrigInfo_CType
- WireInvstgInqInfo_CType
- WireInvstgModInfo_CType
- WireInvstgReplyInqInfo_CType
- WireInvstgReplyModInfo_CType
- WireInvstgRqRec_CType

- WireInvstgSrchRec_CType
- WirePmtRetInqRec_CType
- WirePmtRetModRec_CType
- WirePmtRetRec_CType
- WirePrxyInfoRec_CType
- WireRegDetailsRec_CType
- WireRegRptInfoRec_CType
- WireRsOrigInfo_CType
- WireSvcPrvdInfo_CType
- WireSvcPrvdInfo_CType
- WireTmpltSrchRec_CType
- WireTrnDrwdwnModRec_CType
- WireTrnFinInstISOTmpltInfo_CType
- WireTrnISOTmpltInfo_CType
- WireTrnRetISOSrchRec_CType
- WireTrnRetRqInqInfo_CType
- WireTrnRetRqModInfo_CType
- WireTrnRetRqReplyInqInfo_CType
- WireTrnRetRqReplyModInfo_CType
- WireTrnStatusISOSrchRec_CType

The following arrays were created or updated:

- WireDrwdwnTrnReplySrchRecArray_AType
- WireInvstgRqArray_AType
- WireInvstgSrchRecArray_AType
- WirePmtRetRecArray_AType
- WirePrxyArray_AType
- WireTrnRetISOSrchRecArray_AType
- WireTrnStatusInfoArray_AType
- WireTrnStatusISOSrchRecArray_AType

The following simple elements were created or updated:

CancelRsnType

The status of the request to cancel a wire transaction. Canonical values are:

- InvalidCrAcct
- InvalidAmt

- AgentRq
- CustRq
- RetFunds
- Dup
- Fraud
- Misc
- Tech
- OvrPmt

FinInstRtld

The financial institution's routing and transit identification. The **JHAnull** and **Rstr** elements are optional.

FinInstRtldType

Identifies the clearing system for financial institutions. Canonical values are:

- *ATBLZ* - AustrianBankleitzahl
- *AUBSB* - AustralianBankStateBranchCodeBSB
- *CACPA* - CanadianPaymentsAssociationPaymentRoutingNumber
- *CHBCC* - SwissFinancialInstitutionIdentificationShort
- *CHSIC* - SwissFinancialInstitutionIdentificationLong
- *CNAPS* - CNAPSIdentifier
- *DEBLZ* - GermanBankleitzahl
- *ESNCC* - SpanishDomesticInterbankingCode
- *GBDSC* - UKDomesticSortCode
- *GRBIC* - HellenicBankIdentificationCode
- *HKNCC* - HongKongBankCode
- *IENCC* - IrishNationalClearingCode
- *INFSC* - IndianFinancialSystemCode
- *ITNCC* - ItalianDomesticIdentificationCode
- *JPZGN* - JapanZenginClearingCode
- *NZNCC* - NewZealandNationalClearingCode
- *PLKNR* - PolishNationalClearingCode
- *PTNCC* - PortugueseNationalClearingCode
- *RUCBC* - RussianCentralBankIdentificationCode
- *SESBA* - SwedenBankgiroClearingCode
- *SGIBG* - IBGSortCode
- *THCBC* - ThaiCentralBankIdentificationCode
- *TWNCC* - FinancialInstitutionCode

- *USABA* - UnitedStatesRoutingNumberFedwireNACHA
- *USPID* - CHIPSParticipantIdentifier
- *ZANCC* - SouthAfricanNationalClearingCode

MAD

The Message Accountability Data, referred to as MAD, which uniquely identifies each FedWire message during processing and transmission. The **JHAnull** and **Rstr** elements are optional.

MsgId

An identification provided by the logging consumer product that defines the message. The **JHAnull** and **Rstr** elements are optional.

PmtDueTimeDt

The time and date the wire transaction was due. Expressed in ISO 8601 time format and should contain either Zulu time or local time and the UTC offset.

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*
- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallInq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmntAdd*
- *AcctCombStmntInq*
- *AcctCombStmntMod*
- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*
- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*

- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*
- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*
- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*
- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*
- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*
- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*
- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*

- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*
- *BilPaySubSrch*
- *BrdCstSrch*
- *ChkImgInq*
- *ChkImgStmntGen*
- *ChkImgStmntGenInq*
- *ChkImgStmntSrch*
- *ColAdd*
- *CollInq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*
- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollInq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*
- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlInq*
- *CustInfoMsgInq*
- *CustInq*
- *CustMod*
- *CustMsgAdd*
- *CustMsgInq*

- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*
- *CustRelInq*
- *CustRelMod*
- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPPersonProdDictInq*
- *EDPPPPersonProdMod*
- *EDPPPPersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnInq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*
- *EFTCardImgIdMod*
- *EFTCardImgIdSrch*
- *EFTCardInq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*
- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*
- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*

- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*
- *FASB91Add*
- *FASB91AddValidate*
- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfolnq*
- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtId*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*
- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*
- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*

- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*
- *LnFeeSrch*
- *LnLiabInq*
- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmAppInq*
- *LnPltfmProdSrch*
- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcpInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*
- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAdd*
- *LOCAddValidate*
- *LOCConstInProcAdd*
- *LOCConstInProcInq*
- *LOCConstInProcMod*
- *LOCConstInProcSrch*
- *LOCMod*
- *LOCSrch*
- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*

- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*
- *MFASecdRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrConsmCredAdd*
- *MFAUsrConsmCredInq*
- *MFAUsrConsmCredMod*
- *MFAUsrConsmCredSrch*
- *MFAUsrQnAAdd*
- *MFAUsrQnAInq*
- *MFAUsrQnAMod*
- *MFAUsrQnAMod*
- *MFAUsrQnAValidate*
- *MFAWaterMarkSrch*
- *MLLMasterRelAdd*
- *MLLMasterRelInq*
- *MLLMasterRelMod*
- *MLLRelSrch*
- *MLLTrancheRelAdd*
- *MLLTrancheRelInq*
- *MLLTranchRelMod*
- *NewAcctSrch*
- *NSFHistSrch*
- *ODISvcCred*
- *ODPrvlgHistSrch*
- *OFACSrch*
- *PersonNameMod*
- *PingAll*

- *PltfmAppAdd*
- *PltfmAppInq*
- *PltfmAppSrch*
- *PltfmProdInq*
- *PltfmStatInq*
- *PltfmStatInq*
- *PltfmStatMod*
- *PosPayItemInq*
- *PosPayItemInq*
- *PosPayItemMod*
- *PromoXferAdd*
- *PromoXferInq*
- *PromoXferMod*
- *PromoXferSrch*
- *PubWorkflowSrch*
- *RealEstatePropAdd*
- *RealEstatePropMod*
- *RealEstatePropSrch*
- *RelaEstatePropAddValidate*
- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*
- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*
- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*

- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*
- *TaxPlnBenfSrch*
- *TaxPlnInq*
- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*
- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*
- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*
- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*
- *WireComplnq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*

- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*
- *WireDrwdwnTrnTpltMod*
- *WireHistSrch*
- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*
- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstISOTpltMod*
- *WireTrnInq*
- *WireTrnISOAdd*
- *WireTrnISOTplMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOAdd*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*
- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*
- *XferSrcDestSrch*
- *XferSrch*

TmplAlwIntnetCashUsr

Answers the question: Is the template allowed to be used by the internet cash user? Canonical values are:

- *true*
- *false*

WireEmpIPIN

The identification given to an employee for a wire company.

WireIntmdSttIDt

The date the wire transaction was settled.

WireSubRqInvstgCode

Identifies the subreason for the investigation request.

WireProcActType

The action as related to a wire process. Canonical values are:

- *Acpt*
- *Cmplt*
- *Denied*
- *Send*
- *Pend*
- *Reset*
- *Resend*

WirePrxyId

The identifier as related to the wire proxy type or wire proxy description.

WirePrxySeq

The sequence that could be the key for the proxy array.

WireRegCode

The code that represents the nature, purpose, and reason for the transaction to be reported for regulatory requirements.

WireRegDesc

The description of the type of information supplied in the regulatory reporting.

WireRegDetailsId

The identifier that could be the key for the array of wire regulatory detail info.

WireRegDrCrType

Defines the category of the wire regulatory information. Canonical values are:

- *Cr*
- *Dr*
- *DrCr*

WireRegId

The identifier that could be the key for the array of wire regulatory info.

WireRegRptDt

The date related to the regulatory reporting.

WireRqInfoCode

Identifies the type of information being requested.

WireInvstgRqCode

Identifies the reason for the investigation request.

WireRsInvstgStat

The status of the investigation request.

WireRsStatType

Identifies the status of the information request. Canonical values are:

- *Cls*
- *Pend*
- *Rej*

WireSrcDestCode

The code that describes the source and/or destination of a wire for delivery of the wire.

WireSrcDestDesc

The description of the code that describes the source and/or destination of a wire for delivery of the wire

WireTpltCrt

Answers the question: Should a wire template be created for the wire transaction? Canonical values are:

- *false*
- *true*
- *TempltOnly*

The default value is *False*.

WireTpltFormatType

Indicates the type or category of the wire template. Canonical values are:

- ISO
- FAIM

WireTpltFormatType

Indicates the type or category of the wire template. Canonical values are:

- ISO

- FAIM

WireTrnRoleType

Identifies the type of role specific to wire non-value transactions. Canonical values are:

- *Requestor*
- *Responder*

WireTrnRoleType

Identifies the type of role specific to wire non-value transactions. Canonical values are:

- *Requestor*
- *Responder*

2024.1.04 Updates

The following services were created:

- Fed Activity ISO Report Reply
- Fed Ping Inquiry
- Fed Ping Reply
- Fed Report Inquiry
- Fed Transaction ISO Inquiry
- Fed Wire Return Response ISO Reply
- Fed Wire Transaction ISO Acknowledgment
- Financial Institution Account Balance ISO Report Reply
- Logical Terminal ISO Gap Report Reply
- Logical Terminal ISO Report Details Reply
- Logical Terminal ISO Report Totals Reply
- Wire Drawdown Transaction Reply
- Wire Exception Transaction Modification
- Wire Exception Transaction Search
- Wire Transaction Financial Institution ISO Activity Fraud Inquiry
- Wire Transaction Financial Institution ISO Modification
- Wire Transaction ISO Activity Fraud Inquiry
- Wire Transaction ISO Addition
- Wire Transaction ISO Modification

The following messages were created:

- FedActISORptReplyRq_MType
- FedActISORptReplyRs_MType

- FedPingReplyRq_MType
- FedPingReplyRs_MType
- FedPinqInqRq_MType
- FedPinqInqRs_MType
- FedRptInqRq_MType
- FedRptInqRs_MType
- FedTrnISOInqRq_MType
- FedTrnISOInqRs_MType
- FedWireRetRsISOReplyRq_MType
- FedWireRetRsISOReplyRs_MType
- FedWireTrnISOAckRq_MType
- FedWireTrnISOAckRs_MType
- FinInstAcctBalISORptReplyRq_MType
- FinInstAcctBalISORptReplyRs_MType
- LTermISOGapRptReplyRq_MType
- LTermISOGapRptReplyRs_MType
- LTermISORptDetailsReplyRq_MType
- LTermISORptDetailsReplyRs_MType
- LTermISORptTotReplyRq_MType
- LTermISORptTotReplyRs_MType
- WireDrwdwnTrnModRq_MType
- WireDrwdwnTrnModRs_MType
- WireDrwdwnTrnReplyRq_MType
- WireDrwdwnTrnReplyRs_MType
- WireExcTrnModRq_MType
- WireExcTrnModRs_MType
- WireExcTrnSrchRq_MType
- WireExcTrnSrchRs_MType
- WireTrnFinInstISOActFraudInqRq_MType
- WireTrnFinInstISOActFraudInqRs_MType
- WireTrnFinInstISOModRq_MType
- WireTrnFinInstISOModRs_MType
- WireTrnISOActFraudInqRq_MType
- WireTrnISOActFraudInqRs_MType
- WireTrnISOAddRq_MType

- WireTrnISOAddRs_MType
- WireTrnISOModRq_MType
- WireTrnISOModRs_MType

The following complexes were created or updated:

- AddrISO_CType
- AdjAmtRec_CType
- CancelRsInfo_CType
- ContactInfo_CType
- CrRefRec_CType
- DocAmtRec_CType
- DsctAmtRec_CType
- FedLOCRec_CType
- IdRec_CType
- InstrRec_CType
- InvRec_CType
- ISOGapRptInfo_CType
- PersonIdInfo_CType
- RemitDlvryRec_CType
- RemitDocDetailsRec_CType
- RemitDocRec_CType
- RemitStructureRec_CType
- RptBalTypeRec_CType
- RptEntryRec_CType
- SvcLvlRec_CType
- TaxAmtRec_CType
- TaxEntityRec_CType
- TaxPeriodRec_CType
- TaxRecInfo_CType
- TaxRefRec_CType
- TrnSumRec_CType
- WireAgentRec_CType
- WireChgRec_CType
- WireEntityRec_CType
- WireExcStateRec_CType
- WireExcTrnRec_CType

- WireExcTrnSrchRec_CType
- WireFinInstAcctInfo_CType
- WireFinInstInfo_CType
- WirePmtTypeInfo_CType
- WireRemitInfo_CType
- WireSchedRec_CType
- WireSvcPrvdInfo_CType
- WireTrnDrwdownInqRec_CType
- WireTrnDrwdownInqRec_CType
- WireTrnDrwdownModRec_CType
- WireTrnFinInstISOInqRec_CType
- WireTrnFinInstISOInqRec_CType
- WireTrnFinInstISOModRec_CType
- WireTrnISOInqRec_CType
- WireTrnISOInqRec_CType
- WireTrnISOModRec_CType
- WireTrnStatInfoRec_CType

The following arrays were created:

- AdjAmtArray_AType
- CancelRsInfoArray_AType
- DsctAmtArray_AType
- FedLOCArray_AType
- IdArray_AType
- InstEntityInfoArray_AType
- InstrInfoArray_AType
- InvInfoArray_AType
- ISOGapRptArray_AType
- RemitDlvryArray_AType
- RemitDocArray_AType
- RemitDocDetailsArray_AType
- RemitStructureArray_AType
- RptBalTypeArray_AType
- RptEntryArray_AType
- SvcLvlInfoArray_AType
- TaxAmtArray_AType

- TaxAmtArray_AType
- TaxEntityArray_AType
- TaxPeriodArray_AType
- TaxRecArray_AType
- TrnSumArray_AType
- WireAgentInfoArray_AType
- WireChgArray_AType
- WireEntityInfoArray_AType
- WireExcStateArray_AType
- WireExcTrnSrchArray_AType
- WireTrnStatArray_AType

The following simple elements were created or updated:

AcctBalRptType

Identifies the type of balance report. Canonical values are:

- *Final*
- *Interim*
- *MasterAcctBal*
- *Open*
- *Periodic*
- *Provisional*
- *SelfAcctBal*

AcctIdCatDesc

A free-form account identifier category.

AcctIdCat

The category as related to an account identifier. Canonical values are:

- *BankNumId*
- *CHIPSId*
- *IssuerNumId*
- *UnvIdCode*

AcctIdIssuer

A free-form description of the account ID issuer.

ActRptType

Identifies the type of activity report. Canonical values are:

- *EndDay*

- *IntraDay*

AdjAmtId

An identifier provided for the adjusted amount array.

AdjAmt

The adjustment amount.

AdjRsnDesc

The reason for the adjustment amount.

BalCycleTimeDt

The time/date stamp of a balance cycle.

BldgFloor

The floor or store within a building.

BldgId

The number or ID that identifies the position of a building on a street.

BldgName

The name of the building or house.

BldgRmId

The building room number or ID.

CancelRsid

An identifier given to the response to a cancel request.

CancelRsRsnDesc

The description of the status of the response to return a wire.

CancelRsRsnType

The status of the response to return a wire. Canonical values are:

- *AcctCls*
- *AgentDiscr*
- *InvalidSeq*
- *Misc*
- *MissingOrigTrn*
- *NoCustRs*
- *NSF*
- *PendCustAuth*
- *PendCustRs*
- *PendLegal*
- *PendReply*
- *RetProc*

- *RqDrAuth*
- *TrfAgent*

CashBal

The cash balance.

CashBalTimeDt

The time/date stamp of the reported cash balance.

CrNoteAmt

Credit note amount.

CrRefDesc

Credit reference type in free-form description.

CrRefId

An identifier given to a credit reference.

CrRefIssr

The issuer of the credit reference.

CrRefType

The type of credit reference.

- *DispatchAdvice*
- *FornExchRef*
- *PurchOrder*
- *RelPmtInstr*
- *RemitAdviceMsg*
- *StructureCommRef*

DetOfChgType

Used by the SENDER DI to instruct the Receiver DI to deduct charges and expenses from the payment amount. Canonical values are:

- *Benf*
- *Shared*
- *Orign*
- *SvcLvl*

DocLineDesc

The free-form description of a line of a remittance document.

DocLineType

The type of line of a remittance document as defined by ISO External document line type code.

DsctAmtDesc

Discount amount type in free-form description.

DsctAmtRec

An identifier provided for the discount wire array.

DsctAmt

The discount amount.

DsctAmtType

Discount amount type.

- *Promotional*
- *Standing*
- *Terms*

DueAmt

A general amount due.

FedChanCode

The Fed Channel code for transaction delivery.

FedMsgCode

The code that defines the named Fed ISO message.

FedRptType

The type of fed report. Canonical values are:

- `AcctBal`
- `LTermDetRecv`
- `LTermDetSend`
- `LTermTot`

FedRptType

The type of fed report. Canonical values are:

- `AcctBal`
- `LTermDetRecv`
- `LTermDetSend`
- `LTermTot`

FedRptType

The type of fed report. Canonical values are:

- `AcctBal`
- `LTermDetRecv`
- `LTermDetSend`

- `LTermTot`

FedStatType

Identifies the type of status. Canonical values are:

- *Failed*
- *Pend*
- *TrnBook*
- *TrnInfo*

FinInstName

The depository financial institution name. The `SrchType` attribute is optional.

FreeFormRemitInfo

Free-form information related to remittance information.

GapRptType

Identifies the type of endpoint gap report. Canonical values are:

- *IMAD*
- *OMAD*

IdDesc

Free-form identification description.

IdIssuer

The named issuer of identification.

IdSeqId

The sequence identifier given to an identifier used to identify a person.

InPersonWireType

The element identifying if the wire was initiated in person. Canonical values are:

- *true*
- *false*

InstBIC

The code allocated to a financial institution by the ISO 9362 Registration Authority as described in *ISO 9362: 2014 - Banking - Banking Telecommunication Messages - Business Identifier Code (BIC)*.

InstEntityDesc

A free-form description as the type of entity.

InstEntityIssr

A free-form description of the issuer of the identification.

InstEntityType

Identifies the different types of entities. A hybrid enumerated element with a preset list of values. Canonical values are:

- *BankId*
- *BusDomId*
- *CentralBankId*
- *CertifCorpld*
- *ClearingId*
- *CntryId*
- *CustId*
- *DataUnivId*
- *EmplId*
- *GlobLocId*
- *OthBusId*
- *SREN*
- *SRET*
- *TaxId*

InstLegalEntityId

Legal Entity Identifier is a code allocated to a party as described in *ISO 17442 Financial Services - Legal Entity Identifier (LEI)*.

InvEntityType

The type of entity related to an invoice. Canonical values are:

- *Invcee*
- *Invr*

ISoldType

Identifications as related to ISO formats. This element is hybrid-enumerated with a preset list of values. Canonical values are:

- *DriverLic*
- *Passport*
- *ResidentAlienId*
- *EmplId*
- *NatIdNum*
- *TaxId*
- *SSN*
- *CustId*

LastPgType

Answers the question: Is this the last page? Canonical values are:

- *true*
- *false*

LOCBal

The line of credit balance.

LOCInclType

Answers the question: Is the line of credit included in the calculations? Canonical values are:

- *true*
- *false*

LOCType

Identifies the type of balance report. Canonical values are:

- *CollatAvl*
- *CollatCap*
- *CollatDayOD*
- *NetDrCap*
- *UnCollatDayOD*

OrigMsgCode

The original message type.

PgNum

The page number.

PingAckType

The type of response to a ping request. Canonical values are:

- *Fail*
- *Pending*
- *Success*

PostOffBoxId

Number or ID of a box in a post office, assigned to a person or organization, where letters are kept until called for.

RegstId

A registration identifier given to an organization.

RemitAmt

The amount remitted.

RemitDlvryId

The identifier given to the remit delivery as a key for the array.

RemitDivryId

The identifier given to the remit delivery as a key for the array.

RemitDivryMthd

The method used for delivery of remittance information. Canonical values are:

- *Addr*
- *EDIC*
- *Email*
- *Fax*
- *SMS*
- *URL*

RemitDocDesc

The free-form description of the remittance document.

RemitDocIssr

The Issuer of the remittance document.

RemitDocReclId

The identifier as related to the remittance document record.

RemitDocType

The type of remittance document as defined by ISO 20022 enumeration.

RemitLineDesc

A free-form description of the remittance line details.

RemitSubjRuleType

Is the wire subject to the remittance rule? Canonical values are:

- *true*
- *false*

RetRqStat

The status of a request to return a wire. Canonical values are:

- *Apprv*
- *PartApprv*
- *Pend*
- *Rej*

RptBalTypeDesc

The description that identifies the type of balance report.

RptBalType

Identifies the type of balance report. Canonical values are:

- *AcctBal*
- *AvlBal*
- *DayODAvlBal*
- *DayODBal*
- *FinalOpenBal*
- *OpenBal*
- *PriorDayOpenBal*

RptCrtTimeDt

The time/date stamp that a report was created.

RptSeq

A sequence identifier used as a filter for reports.

RptSeq

A sequence identifier used as a filter for reports.

TaxAmtDesc

Tax amount type in free-form description.

TaxAmtId

An identifier provided for the tax amount array.

TaxAmt

The tax amount.

TaxAmtType

Tax amount type.

- *City*
- *Cnty*
- *Local*
- *Prov*
- *State*

TaxBaseAmt

The base amount being used for the tax amount.

TaxDrStat

The status of the tax debtor.

TaxEntityId

The identifier as related to the tax entity.

TaxEntityType

Identifies the different entities as related to a tax information.

- *CrEntity*
- *DrEntity*
- *UltmtDrEntity*

TaxPayerAuthTitle

A title given to an authorized tax payer.

TaxPayerDesc

A free-form description of the type of tax payer.

TaxPeriodRecId

An identifier given to the tax period.

TaxPmtMthd

The method being used for the tax payment.

TaxPmtPeriod

The specific period of time for the tax recording. Canonical values are:

- *Half01*
- *Half02*
- *Month01*
- *Month02*
- *Month03*
- *Month04*
- *Month05*
- *Month06*
- *Month07*
- *Month08*
- *Month09*
- *Month10*
- *Month11*
- *Month12*
- *Qtr01*
- *Qtr02*
- *Qtr03*
- *Qtr04*

TaxRecCatDesc

The description of the category of tax recording.

TaxRecCat

The category of tax recording.

TaxRecipZone

The administration-authorized zone for the tax payment.

TaxRecType

The type of tax recording.

TaxRecYr

The year of the tax recording.

TaxRefId

An identifier given to a tax payment as issued by the taxing agency.

TaxRptSeqId

The sequence identifier given to the tax reporting.

TrnTimeDt

The time/date stamp of the transaction.

WireAgentSeq

The sequence number that further defines the agent as related to a wire.

WireAgentType

Identifies the different agents as related to a wire transaction. Canonical values are:

- *CrAgent*
- *DrAgent*
- *IntmdAgent*
- *PrevInstrAgent*

WireCatPurpDesc

Specifies the high-level purpose of the instruction in a free-form string.

WireCatPurpType

Specifies the high-level purpose of the instruction based on a set of predefined categories as published by ISO20022. It is used by the initiating party to provide information concerning the processing of the payment. It is likely to trigger special processing by any of the agents involved in the payment chain.

WireChgAmt

Transaction charges to be paid by the charge bearer. Fedwire Funds Tag {3700}.

WireDrwdwnStatCode

The code that defines status given to a drawdown request.

WireDrwdwnStatDesc

The description of the code that defines status given to a drawdown request.

WireEntityType

Identifies the different entities as related to a wire transaction. Canonical values are:

- *CrEntity*
- *CrInit*
- *DrEntity*
- *DrInit*
- *UltmtCrEntity*
- *UltmtDrEntity*

WireExcApprvType

Has the wire exception transaction been approved for processing? Canonical values are:

- *true*
- *false*

WireExcCode

The code for a wire exception.

WireExcDesc

The description of the code for a wire exception.

WireExcResolveType

Has the wire exception item been resolved? Canonical values are:

- *true*
- *false*

WireExcStateCode

The exception state for a wire exception.

WireExcStateDesc

The description of the exception state for a wire exception.

WireFailTimeDt

The time/date stamp a wire transaction failed.

WireHighPryType

Indicator of the urgency or order of importance of the wire. Canonical values:

- *true*
- *false*

WireInstrAmt

The transactional amount of the wire transfer.

WireInstrCode

The code that relates to the processing of the payment. Canonical values are:

- *ChkPmt*
- *HoldPmt*
- *PhoneBenf*
- *Telecom*

WireInstrId

The instruction identification is a point-to-point reference that can be used between the instructing party and the instructed party to refer to the individual instruction.

WireInstrInfo

A free-form description that conveys the payment instructions.

WireInstrTrnId

Unique identification, as assigned by the first instructing agent, to unambiguously identify the transaction that is passed on, unchanged, throughout the entire interbank chain.

WireISOType

Identifies the type of ISO wire. Canonical values are:

- *CustXfer*
- *DrwdwnReply*
- *DrwdwnRq*
- *FinInstXfer*

WireLocalTrfType

Specifies a local instrument, local clearing option, or further qualify the service or service level. Canonical values are:

- *CustTrf*
- *CustDrawdown*
- *AcctCustTrf*
- *FinInstTrf*
- *FinInstDrawdown*
- *AcctFinInstTrf*
- *CustCoverPmt*
- *AcctCoverPmt*
- *FinInstDrawdownRq*
- *CustDrawdownRq*

WireMsgCode

The type of message.

WireMsgCode

The type of message.

WireProcActType

The action as related to a wire process. Canonical values are:

- *Acpt*
- *Cmplt*
- *Denied*
- *Send*
- *Pend*
- *Reset*
- *Resend*

WireProcState

Identifies the state of the process for a wire. Canonical values are:

- *Cmplt*
- *Pend*

WirePurpCode

The purpose code as related to a wire.

WirePurpInfo

A free-form information for the wire purpose.

WireSchedId

An identifier provided for the reoccurring schedule.

WireSeqNum

The sequence number for wires that can be used for ranges.

WireSeqNum

The sequence number for wires that can be used for ranges.

WireSvcLvlDesc

Specifies a pre-agreed service or level of service between the parties.

WireSvcLvlType

Specifies the service level of the transaction as published by ISO20022.

WireTrnStatDesc

The description of the status of a wire transaction.

WireTrnStat

The status of a wire transaction. Canonical values are:

- *Pend*

- *Fail*
- *Success*

WireUETR

A universally unique identifier to provide an end-to-end reference.

WireUETR

A universally unique identifier to provide an end-to-end reference.

2023.1.01 Updates

The following service was added:

- Wire Transaction Add Validate

The following messages were created or updated:

- IntlWireTrnAddRq_MType
- WireTrnAddValidateRq_MType
- WireTrnAddValidateRs_MType

The following complex elements were created or updated:

- WireHistSrchRec_CType
- WireTmpltSrchRec_CType
- WireTrnInfoRec_CType

The following simple elements were created:

EntityTmpltCorrelId

The correlation identification as related to business functions and activities.

2022.0.02 Updates

The following complex elements were created or updated:

- WireAcctIdRec_CType
- WireCompInfoRec_CType
- WireFeeRec_CType

The following array was created:

- WireFeeArray_AType

The following simple elements were created or updated:

AutoPostWireAmt

The amount to automatically post for wires.

WireActType

Identifies the type of wire activity. Canonical values are:

- *InPerson*
- *IntnetOneTime*
- *IntnetRep*
- *IntnetSched*
- *OneTime*
- *Rep*
- *Ret*
- *Sched*

WireAlwProcType

The allowable processes for wires. Canonical values are:

- *Rep*
- *OneTime*
- *RepAndOneTime*

2022.0.01 Updates

The following messages were created or updated:

- `WireActFraudInqRq_MType`
- `WireActFraudInqRs_MType`
- `WireActFraudStatInqRq_MType`
- `WireActFraudStatInqRs_MType`
- `WireTrnAddRq_MType`

The following complex was created:

- `WireIntlFraudInfoRec_CType`

The following simple element was added:

OrigConsmProd

The originating consumer product.

2021.1.02 Updates

The following messages were updated:

- `WireTrnAddRq_MType`
- `WireTrnInqRq_MType`

2021.0.00 Updates

The following messages were updated:

- `WireTrnAddRq_MType`
- `IntlWireTrnAddRq_MType`

The following complexes were updated:

- `WireAcctIdRec_CType`
- `WireCompInfoRec_CType`

2018.0.01 Updates

The following complex was created or updated:

- `WireTrnInqRec_CType`

2017.2.03 Updates

The following service was created:

- International Wire Transaction Addition

The following messages were created:

- `IntlWireTrnAddRq_MType`
- `IntlWireTrnAddRs_MType`

The following complexes were created or updated:

- `WireConInfo_CType`
- `WireIntlCustInfoRec_CType`
- `WireCustInfo_CType`
- `WireIntlBenfInfoRec_CType`
- `WireIntlTrnInfoRec_CType`
- `WireIntlQuoteRec_CType`

The following array was created:

- `WireConArray_AType`

2017.0.04 Updates

The following simple element was created or updated:

WireCompType

The type of wire company. Canonical values are:

- *Domst*
- *Intl*
- *ISODomst*

The following messages were updated:

- `WireCompInqRq_MType`
- `WireCompSrchRq_MType`
- `WirecompSrchRs_MType`

The following concepts were updated:

- `WireCompInfoRec_CType`
- `WireCompSrchRec_CType`

2016.0.09 Updates

The following services were added:

- Wire Transaction Addition
- Wire Transaction Inquiry

The following messages were created:

- `WireTrnAddRq_MType`
- `WireTrnAddRs_MType`
- `WireTrnInqRq_MType`
- `WireTrnInqRs_MType`

The following simple elements were created or updated:

WireBenFinInstName

The name of the beneficiary-named financial institution for a wire transfer.

WireOrignFinInstName

The name of the originator-named financial institution for a wire transfer.

WireSndrFIName

The name of the sending wire financial institution.

WireTmpltCrt

Answers the question: Should a wire template be created for the wire transaction? Canonical values are:

- *false*
- *true*
- *TempltOnly*

The default value is *False*.

The following complex element was created:

- `WireTrnInqRec_CType`

2016.0.08 Updates

The following services were added:

- Wire Company Inquiry
- Wire Company Search

The following messages were created:

- `WireCompInqRq_MType`
- `WireCompInqRs_MType`
- `WireCompSrchRq_MType`
- `WireCompSrchRs_MType`

The following simple element was created or updated:

SvcDictName

The name of the service to obtain data dictionary definitions. Canonical values are:

- *AcctAdd*
- *AcctAddValidate*
- *AcctAnlysAdd*
- *AcctAnlysInq*
- *AcctAnlysMod*
- *AcctAnlysTrnAdd*
- *AcctBallnq*
- *AcctBenfAdd*
- *AcctBenfInq*
- *AcctBenfMod*
- *AcctCombStmntAdd*
- *AcctCombStmntInq*
- *AcctCombStmntMod*
- *AcctCommAdd*
- *AcctExcTrnInq*
- *AcctExcTrnSrch*
- *AcctHistSrch*

- *AcctIdGen*
- *AcctInq*
- *AcctIntRateInq*
- *AcctMemoPostSrch*
- *AcctMod*
- *AcctNSFTrnInq*
- *AcctNSFTrnMod*
- *AcctProdOvrrdAdd*
- *AcctProdOvrrdInq*
- *AcctProdOvrrdMod*
- *AcctProtInq*
- *AcctReconRptInq*
- *AcctSrch*
- *AcctSweepAdd*
- *AcctSweepInq*
- *AcctSweepMod*
- *ACHCompMultInq*
- *ACHCompSrch*
- *ACHFileAdd*
- *ACHFileInq*
- *ACHFileMod*
- *ACHPndSrch*
- *ACHTrnAddeSrch*
- *ACHTrnSrch*
- *AddrAdd*
- *AddrInq*
- *AddrMod*
- *AddrSrch*
- *BilPayChanInq*
- *BilPayPayeeAdd*
- *BilPayPayeeInq*
- *BilPayPayeeMod*
- *BilPayPayeeSrch*
- *BilPayPmtHistInq*
- *BilPayPmtHistSrch*
- *BilPaySchedPmtAdd*
- *BilPaySchedPmtApprv*

- *BilPaySchedPmtInq*
- *BilPaySchedPmtMod*
- *BilPaySchedPmtSrch*
- *BilPaySubAdd*
- *BilPaySubConsmCustInq*
- *BilPaySubInq*
- *BilPaySubMod*
- *BilPaySubSrch*
- *BrdCstSrch*
- *ChkImgInq*
- *ChkImgStmntGen*
- *ChkImgStmntGenInq*
- *ChkImgStmntSrch*
- *ColAdd*
- *ColInq*
- *CollatTrackAdd*
- *CollatTrackAddValidate*
- *CollatTrackItemInq*
- *CollatTrackMod*
- *CollatTrackSrch*
- *ColMod*
- *ColSrch*
- *CrBurInfoAddValidate*
- *CRBurInfoInq*
- *CrBurInfoMod*
- *CrCardTrnAdd*
- *CredPollInq*
- *CRMClientRelDataInq*
- *CRMClientRelDataMod*
- *CRMProspInq*
- *CurBurInfoAdd*
- *CustAcctRelInq*
- *CustAdd*
- *CustAddValidate*
- *CustCollatSrch*
- *CustIncmlInq*
- *CustInfoMsgInq*

- *CustInq*
- *CustMod*
- *CustMsgAdd*
- *CustMsgInq*
- *CustMsgMod*
- *CustMsgSrch*
- *CustRelAdd*
- *CustRelInq*
- *CustRelMod*
- *CustSrch*
- *DocElecSigAdd*
- *DocImgMod*
- *EDPPPpersonProdDictInq*
- *EDPPPpersonProdMod*
- *EDPPPpersonSrch*
- *EFTCardAcctIdAdd*
- *EFTCardAdd*
- *EFTCardAddrSrch*
- *EFTCardAddValidate*
- *EFTCardBlkTrnInq*
- *EFTCardBlkTrnSrch*
- *EFTCardFileMainSrch*
- *EFTCardImgIdAdd*
- *EFTCardImgIdMod*
- *EFTCardImgIdSrch*
- *EFTCardInq*
- *EFTCardMod*
- *EFTCardMsgAdd*
- *EFTCardMsgMod*
- *EFTCardMsgSrch*
- *EFTCardOrderAdd*
- *EFTCardPINMod*
- *EFTCardPINModInit*
- *EFTCardSrch*
- *EFTCardTrnHistSrch*
- *EFTCardUsrQuthInq*
- *ElecDocInq*

- *EmplAppAdd*
- *EmplJobInqTrnSetItemSrch*
- *EmplJobSrch*
- *EscrwAdd*
- *EscrwAddValidate*
- *EscrwInq*
- *EscrwMod*
- *FASB91Add*
- *FASB91AddValidate*
- *FASB91Mod*
- *FASB91Srch*
- *FileMainSrch*
- *FinInstInfolnq*
- *GLAcctInq*
- *GLAcctSrch*
- *GLReconRptGen*
- *IdVerifyAdd*
- *IdVerifyMod*
- *InstRtId*
- *IntnetFinInstAcctIdAdd*
- *IntnetFinInstAcctIdAddValidate*
- *IntnetFinInstIdAcctAccessInq*
- *IntnetFinInstIdAdd*
- *IntnetFinInstIdAddValidate*
- *IntnetFinInstIdFileMainSrch*
- *IntnetFinInstIdInq*
- *IntnetFinInstIdMod*
- *IntnetFinInstIdPINMod*
- *IntnetFinInstIdUsrInq*
- *IntnetFinInstIdUsrMod*
- *IntRateSrch*
- *IntYieldInq*
- *LnAcctAdd*
- *LnAcctAddValidate*
- *LnAcctMod*
- *LnAppRgtrAdd*
- *LnAppRgtrAddValidate*

- *LnAppRgtrMod*
- *LnAppRgtrSrch*
- *LnBilSrch*
- *LnFeePrtcpAdd*
- *LnFeePrtcpInq*
- *LnFeePrtcpMod*
- *LnFeePrtcpSrch*
- *LnFeeSrch*
- *LnLiabInq*
- *LnPayoffInq*
- *LnPltfmAppAdd*
- *LnPltfmAppInq*
- *LnPltfmProdSrch*
- *LnPmtExt*
- *LnPmtSchedAdd*
- *LnPmtSchedAddValidate*
- *LnPmtSchedInq*
- *LnPmtSchedMod*
- *LnPrtcpInq*
- *LnRateSchedInq*
- *LnRateSchedMod*
- *LnRateSchedSrch*
- *LnRegLTVInq*
- *LnRen*
- *LnSvcInq*
- *LnUnitInq*
- *LnUnitSrch*
- *LOCAcctInq*
- *LOCAcctSrch*
- *LOCAdd*
- *LOCAddValidate*
- *LOCConstInProcAdd*
- *LOCConstInProclnq*
- *LOCConstInProcMod*
- *LOCConstInProcSrch*
- *LOCMod*
- *LOCSrch*

- *LogSrch*
- *LtrofCrInq*
- *MFAActRiskInq*
- *MFAOOBValidate*
- *MFAOTPCredGen*
- *MFAOTPCredValidate*
- *MFAQnAPollInq*
- *MFASecdRiskInq*
- *MFATokenAdd*
- *MFATokenInq*
- *MFATokenMod*
- *MFATokenPINMod*
- *MFATokenTempPswdInq*
- *MFATokenUsrAdd*
- *MFATokenUsrInq*
- *MFATokenUsrMod*
- *MFATokenValidate*
- *MFAUsrConsmCredAdd*
- *MFAUsrConsmCredInq*
- *MFAUsrConsmCredMod*
- *MFAUsrConsmCredSrch*
- *MFAUsrQnAAdd*
- *MFAUsrQnAInq*
- *MFAUsrQnAMod*
- *MFAUsrQnAMod*
- *MFAUsrQnAValidate*
- *MFAWaterMarkSrch*
- *MLLMasterRelAdd*
- *MLLMasterRelInq*
- *MLLMasterRelMod*
- *MLLRelSrch*
- *MLLTrancheRelAdd*
- *MLLTrancheRelInq*
- *MLLTranchRelMod*
- *NewAcctSrch*
- *NSFHistSrch*
- *ODISvcCred*

- *ODPrvlgHistSrch*
- *OFACSrch*
- *PersonNameMod*
- *PingAll*
- *PltfmAppAdd*
- *PltfmAppInq*
- *PltfmAppSrch*
- *PltfmProdInq*
- *PltfmStatInq*
- *PltfmStatInq*
- *PltfmStatMod*
- *PosPayItemInq*
- *PosPayItemInq*
- *PosPayItemMod*
- *PromoXferAdd*
- *PromoXferInq*
- *PromoXferMod*
- *PromoXferSrch*
- *PubWorkflowSrch*
- *RealEstatePropAdd*
- *RealEstatePropMod*
- *RealEstatePropSrch*
- *RelaEstatePropAddValidate*
- *SafeDepBoxSrch*
- *SafeDepPmtAdd*
- *SafeDepPmtMod*
- *StopChkAdd*
- *StopChkAddValidate*
- *StopChkCan*
- *StopChkInq*
- *StopChkMod*
- *StopChkSrch*
- *SvcDictSrch*
- *SvcFeeSrch*
- *SvcFeeTrnAdd*
- *SvcFeeTrnInq*
- *SvcFeeTrnMod*

- *TaxPlnAcctSrch*
- *TaxPlnAdd*
- *TaxPlnAddValidate*
- *TaxPlnBenfAdd*
- *TaxPlnBenfAddValidate*
- *TaxPlnBenfInq*
- *TaxPlnBenfMod*
- *TaxPlnBenfSrch*
- *TaxPlnInq*
- *TaxPlnMod*
- *TaxPlnSrch*
- *TeaserRateAdd*
- *TeaserRateInq*
- *TeaserRateMod*
- *TeaserRateSrch*
- *TellerCurrTrnAdd*
- *TellerCurrTrnInq*
- *TellerCurrTrnMod*
- *TellerCurrTrnSrch*
- *TellerCustSrch*
- *TellerDrwMod*
- *TellerNonCustAdd*
- *TellerNonCustInq*
- *TellernonCustMod*
- *TellerTrnAdd*
- *TellerTrnInq*
- *TellerTrnMod*
- *TellerTrnSrch*
- *TimeDepRenOvrrd*
- *TimeDepRenOvrrdInq*
- *TrnAdd*
- *TrnAddValidate*
- *TrnMod*
- *UsrConsmCredAdd*
- *UsrConsmCredMod*
- *UsrEnrollInq*
- *UsrOperInq*

- *WireComplnq*
- *WireCompSrch*
- *WireDrwdwnTrnMod*
- *WireDrwdwnTrnReply*
- *WireDrwdwnTrnReplyInq*
- *WireDrwdwnTrnReplyMod*
- *WireDrwdwnTrnReplySrch*
- *WireDrwdwnTrnTpltMod*
- *WireHistSrch*
- *WireInvstgAdd*
- *WireInvstgInq*
- *WireInvstgMod*
- *WireInvstgReply*
- *WireInvstgSrch*
- *WirePmtRetAdd*
- *WirePmtRetInq*
- *WirePmtRetMod*
- *WirePmtRetSrch*
- *WirePrxyInq*
- *WireRegRptInq*
- *WireTrnAddValidate*
- *WireTrnFinInstISOTpltMod*
- *WireTrnInq*
- *WireTrnISOAdd*
- *WireTrnISOTmpltMod*
- *WireTrnRetISOInq*
- *WireTrnRetISOMod*
- *WireTrnRetISOSrch*
- *WireTrnRetRqISOAdd*
- *WireTrnRetRqISOReply*
- *WireTrnStatusISOAdd*
- *WireTrnStatusISOMod*
- *WireTrnStatusISOSrch*
- *WorkflowInstcStart*
- *XferAdd*
- *XferAddValidate*
- *XferMod*

- *XferSrcDestSrch*
- *XferSrch*

The following complex element was created:

- `WireCompSrchRec_CType`

The following array was created:

- `WireCompSrchArray_AType`

2015.0.07 Updates

The following message was updated:

- `WireHistSrchRq_MType`

Workflow Services Updates

This topic explains the updates to this service.

2012.0.0 Updates

The following services were created:

- Published Workflow Search
- Workflow Instance Start

The following messages were created:

- `PubWorkflowSrchRq_MType`
- `PubWorkflowSrchRs_MType`
- `WorkflowInstcStartRq_MType`
- `WorkflowInstcStartRs_MType`

The following arrays were created:

- `EntryVrblRecArray_AType`
- `PubWorkflowSrchRecArray_AType`

The following complexes were created:

- `CustomVrblNameRec`
- `EntryVrblNameRec_CType`
- `PubWorkflowSrchRec_CType`

2012.1.02 Updates

The following services were created:

- Workflow Instance Modify
- Workflow Instance Search

The following messages were created:

- `WorkflowInstcModRq_MType`
- `WorkflowInstcModRs_MType`
- `WorkflowInstcSrchrq_MType`
- `WorkflowInstcSrchrRs_MType`

The following arrays were created:

- `AddVrblNameValRecArray_AType`
- `WorkflowInstcSrchrInfoArray_AType`

The following complex was created:

- `WorkflowInstcSrchrInfo_CType`

2013.1.00 Updates

The following simple element and its canonical values were created:

- **WorkflowStatType**
 - *Act*
 - *Cmplt*
 - *Err*
 - *Susp*
 - *Ter*

The following complex was updated:

- `WorkflowInstcSrchrInfo_CType`

2015.0.05 Updates

The following messages were updated:

- `WorkflowInstcSrchrq_MType`
- `WorkflowInstcSrchrRs_MType`

The following complex was scheduled for deprecation:

- `VrblNameValRec_CType`

- This complex was deprecated effective 2018-01-01.
- The Variable Name Value Record (`VrblNameValRec_CType`) was replaced by the Variable Name Value Record Array (`VrblNameValRecArray_AType`).

2021.0.03 Updates

The following message was updated:

- `WorkflowInstcSrchRq_MType`