fiserv.

Informant Interface

DnaToInformantProvider.dnax
Extension Id: 6107b2b7-2233-4c76-8108-3a9cdc022d2f

Overview:

This DNAapp provides an interface from DNA to the Informant™ risk management and regulatory compliance system. The DNA to Informant Interface application is free with the purchase of Informant.

This application is required for Informant customers whose DNA core database resides in a Fiserv datacenter. It channels, in real time, data updates from DNA to Informant.

Key Benefits:

The Informant system (licensed separately, see http://www.fraudinformant.com/) combines the data flowing from this interface application with data from other available sources, and performs real-time data analytics. With this real-time analysis, Informant provides the following:

- It alerts risk managers of potential fraud situations as they are happening, enabling customer-friendly and money-saving intervention.
- It provides risk managers with convenient means for filing regulatory compliance reports.
- It supports intuitive case management.
- It facilitates communication of the risk management team.
- It conveniently presents personal and contact information of the affected financial institution customers.
- It serves as an independent system for internal auditing and employee monitoring.

Informant System Specifications:

    Fraud Detection and Intervention
- Rule-based analysis of multi-source data
- Alerts within minutes
- Case tracking
- Fraud types include:
    - Credit and debit card
    - ATM
    - New account
    - Elder abuse
    - ACH/wire
    - Shared branching
    - Remote deposit capture

    BSA/Regulatory Compliance
- OFAC
- FFIEC
- 311 and 314A
- FACTA

- AML
- Anti-human-trafficking
- Risk rating
- Case tracking

Internal Auditing
- Employee monitoring
- Policy adherence monitoring
- Unauthorized employee activity

Collections
- Deposits made on delinquent accounts
- High-risk member/customer and account monitoring

Processing:

The Informant system runs its analytics against its own internal Oracle database. The DNA to Informant Interface provides a mechanism for that database to stay in sync with the DNA core Oracle database.

Every few minutes, the DNA to Informant Interface looks for changes to the core transaction table, the card transaction table, and the activity table that have occurred since the last time it looked. The activity changes are used to update member, account and card information.

For the initial data load and to recover from abnormal situations where member, account and card data gets out of sync with the core database, the DNA to Informant Interface provides routines for retrieving this data in bulk.

As in the DNA core database, all Tax ID and card number columns are stored encrypted. The key to decrypt this data must be manually provided every time the Informant system is booted up.

To accommodate Fiserv's access requirements, the data is transferred strictly through the DNA Application (a.k.a. "SAF") Server. The DNA to Informant Interface returns data from the core database, which is located at the Fiserv datacenter, to the Informant system, which is physically located at the financial institution's own facility, over an SSL encrypted connection.

Real-time Interaction with Other Applications:
The DNA to Informant Interface initially loads in bulk from the DNA Oracle database to the Informant Oracle database the following information:

- Personal information, including names, addresses, telephone numbers, Tax ID's (stored encrypted), dates of birth and death, dates of membership, and similar demographic data as may be needed for fraud analysis.

- Organizational information, including names, addresses, telephone numbers, Tax ID's (stored encrypted), d.b.a., dates of establishment and dissolution, dates of membership, and similar demographic data as may be needed for fraud analysis.

- Account data including ownership, roles, and associations of card numbers (stored encrypted) to accounts.

The DNA to Informant Interface loads in real time the following:

- Core transactions

- Card transactions

- Activities

Additional Requirements:

- The SAF server must be running DNA version 4.2.2.0 or higher.

- The Indexes defined in the Installation Instructions must be created in the OSIEXTN schema of the DNA core database. This should be done during a maintenance window, or after hours and in a period of very low transaction activity, while no batch jobs are running that use the RTXN table.

- Device with ID 'INFORMANT' must be registered on the SAF Server.

- A user with the name 'INFORMANT' must be created on the SAF Server, and the password sent via secure email to the Informant team.

- After the DNA to Informant Interface application is installed, user 'INFORMANT' must be granted access to the IFOL ('Informant Service') AuthItem.

The rest of the Informant system must be installed by Informant LLC or under the direction of Informant LLC. NOTE: The use of this application for any purpose other than as an interface to Informant or another product of Informant LLC is expressly prohibited, and is a violation of the copyright.

The following SQL must be run prior to installation, to create required indexes.

** NOTE: This should be done during a maintenance window, or after hours and in a period of very low transaction activity, while no batch jobs are running that use the listed tables[MY_TAB_LIST and MY_RM_TAB_LIST]

– INDEX CREATION PROCEDURE

SET SERVEROUTPUT ON

```
DECLARE
   V_EXISTS NUMBER;
   V_ONLINE VARCHAR2(10);
   V_TABLE_NAME VARCHAR2(30);
   V_INDEX_NAME VARCHAR2(30);
   TYPE TABLE_LIST IS TABLE OF VARCHAR2(30);
   MY_TAB_LIST TABLE_LIST := TABLE_LIST('PERSADDRUSE', 'ORGADDRUSE',
'ADDRLINE', 'PERSPHONE', 'ORGPHONE', 'CARDAGREEMENT', 'CARDPERS',
'CARDMEMBERISSUEHIST', 'ACCT', 'ACCTACCTROLEPERS', 'ACCTACCTROLEORG',
'PERSPERSTYP', 'PERSCREDITSCOREHIST', 'ACCTLOANLIMITHIST', 'RTXN',
'ACCTBALHIST', 'ACCTSUBACCT', 'ACCTRCVB', 'ACCTRCVBPMT');

BEGIN

   FOR T IN MY_TAB_LIST.FIRST .. MY_TAB_LIST.LAST LOOP

      V_TABLE_NAME := MY_TAB_LIST(T);

      DBMS_OUTPUT.PUT_LINE('PROCESSING TABLE = [' || V_TABLE_NAME || ']');

      V_INDEX_NAME := 'IFMT_' || V_TABLE_NAME || '_I1';

      SELECT COUNT(1) INTO V_EXISTS
          FROM ALL_IND_COLUMNS
         WHERE TABLE_NAME  = V_TABLE_NAME
           AND TABLE_OWNER = 'OSIBANK'
           AND COLUMN_NAME = 'DATELASTMAINT'
           AND COLUMN_POSITION = 1;

      IF V_EXISTS = 0 THEN

         DBMS_OUTPUT.PUT_LINE('BUILDING INDEX = [' || V_INDEX_NAME || ']');

         -- If running on enterprise edition, build the index online
```

```
     SELECT DECODE(COUNT(1), 0, '', 'ONLINE') INTO V_ONLINE FROM V$VERSION
WHERE BANNER LIKE 'Oracle Database%Enterprise Edition%';

     FOR V_I IN 1..60 LOOP

        BEGIN

            EXECUTE IMMEDIATE 'CREATE INDEX OSIEXTN.' || V_INDEX_NAME || ' ON
' || V_TABLE_NAME || '(DATELASTMAINT) ' || V_ONLINE || ' TABLESPACE
EXTNINDEXES';
            EXIT;

        EXCEPTION
          WHEN OTHERS THEN
            IF V_I = 60 THEN
               RAISE;
            ELSE
               DBMS_LOCK.SLEEP(1); -- The table may be locked. Try again soon.
            END IF;
        END;

     END LOOP;

   END IF;

  END LOOP;

 END;
/
```

The Dna To Informant Interface app is to be installed in the usual manner, from the
Configuration Toolkit.

After installation, the following operations must be performed in order for Informant to be able
to communicate with the SAF server:

   •   Device with id 'INFORMANT' must be registered on the SAF Server.
   •   A user with the name 'INFORMANT' must be created on the SAF Server,
   and the password sent via secure email to the Informant team.
   •   User 'INFORMANT' must be granted access to the IFOL ('Informant
   Service') AuthItem.

Connection Details:

Informant LLC staff sets up the connectivity from the gateway system at the financial institution's computing facility to this application on the Application (SAF) Server. The configuration consists of these items, which need to be provided to Informant LLC:

- URL for connecting to the SAF server

- Device ID (typically INFORMANT)

- SAF User ID (typically INFORMANT)

- Password for the SAF User ID

Values of PRODENVCD and PRODDEFCD

Configuration Checklist:

Item	Test Environment	Production Environment
1. Indexes defined in the Installation Instructions created		
2. Device with ID 'INFORMANT' registered with SAF server		
3. User named 'INFORMANT' created on SAF server		
4. Application 'DNA to Informant Interface' installed		
5. User 'INFORMANT' granted access to IFOL AuthItem		

Note: It is the Financial Institution's responsibility to install this in its Test environment to ensure there are no system performance issues before installing it in the production environment. Any assistance needed to correct performance issues may be billable.

Request/Response Specifications

Operations for monitoring internal lists used by Informant.

New Functionalities

VERSION

Request

Parameter	Description
PARAMETER1	ORACLE = [V$VERSION.BANNER], ID = [PACKAGE VERSION], or PARAMETER = [V$PARAMETER.NAME]

Response (List of)

Value	Description
VERSION_TYPE	ORACLE, ID, or PARAMETER
VERSION	Version Information

AGGREGATE

Request

Value	Description
PARAMETER1	A table name. i.e. ACCT
PARAMETER2	An Aggregate Function. i.e. MAX
PARAMETER3	A Column Name that the aggregate applies to. i.e. ACCTNBR
SINCE	Start Date - For Supplying Date Range to filter results
UNTIL	End Date - For Supplying Date Range to filter results

Response (A Single Record of)

Value	Description
TABLE_NAME	TABLE_NAME
AGG_TYPE	MAX, MIN, SUM, etc.Aggregate Result
RESULT	Here is result of an aggregate Aggregate Result
COLUMN_NAME	Column that aggregate applies to

COLUMN_INDEX

Request

Value	Description
PARAMETER1	Table Name i.e ACCT

Response (List of)

Value	Description
TABLE_NAME	Table name
COLUMN_NAME	Column Name
DATA_TYPE	Data Type i.e. varchar2, digital etc.
DATA_LENGTH	The max length of data to be stored in a column
LAST_ANALYZED	Date when column was last analyzed

INDEX_NAME	Index name if any
COLUMN_POSITION	Column position within index
STATUS	State of Index - Valid or Unusable

EXPLAIN_PLAN

Request

Value	Description
PARAMETER1	Informant_Interface Function Name. i.e. ACTIVITY, CARDTXN, RTXN, etc..

Response (List of)

Value	Description
REQUEST_NAME	ACTIVITY, CARDTXN, RTXN, etc.
XPLAN_TEXT	PLAN_TABLE_OUTPUT

Operations used for periodic fetching of events

ACTIVITY
- New Activities

Request

Parameter	Description
Since	The minimum activity number, inclusive.
Until	The maximum activity number, inclusive.
DecryptCardNumbers	Whether card numbers should be decrypted (Y/N).

Response (List of)

Value	Description
ACTVNBR	Field in ACTV.
ACTVSUBNBR	Field in ACTVSUBACTV.
SUBJACCTNBR	Field in ACTV.
ACTVCATCD	Field in ACTV.
ACTVTYPCD	Field in ACTV.
PARENTACTVNBR	Field in ACTV.
RESPPERSNBR	Field in ACTV.
SUBJPERSNBR	Field in ACTV.
SUBJORGNBR	Field in ACTV.
APPRPERSNBR	Field in ACTV.
ACTVDATETIME	Field in ACTV.
DATELASTMAINT	Field in ACTV.
TABLEID	Field in ACTVSUBACTV.

COLUMNID	Field in ACTVSUBACTV.
OLDVALUE	Field in ACTVSUBACTV (decrypted using PACK_TAXID.FUNC_GETTAXID when the field is PERS.TAXID or when is the field is CARDAGREEMENT.EXTCARDNBR and P_DECRYPT_CARD_NUMBERS is set to 'Y').
NEWVALUE	Field in ACTVSUBACTV (decrypted using PACK_TAXID.FUNC_GETTAXID when the field is PERS.TAXID or when is the field is CARDAGREEMENT.EXTCARDNBR and P_DECRYPT_CARD_NUMBERS is set to 'Y').
ACTVTYPDESC	Field in ACTVTYP.
DATABASEACTVCD	Field in ACTVSUBACTV.

Note: Activities where ACTVCATCD = 'BTCH' are not returned, as Informant does not process these.

RTXN
- New Core Transactions

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest transaction to fetch, inclusive.
Until	The date[dateLastMaint] of the latest transaction to fetch, inclusive.

Response (List of)

Value	Description
RTXNNBR	Field in RTXN.
ACCTNBR	Field in RTXN.
PARENTACCTNBR	Field in RTXN.
FUNDTYPCD	Field in RTXNFUNDTYP.
FUNDTYPAMT	RTXNFUNDTYP.AMT.
SEQNBR	Field in RTXNFUNDTYP.
CASHBOXNBR	Field in RTXNSTATHIST, for the record with the latest TIMEUNIQUEEXTN.
RTXNSOURCECD	Field in RTXN.
RTXNTYPCD	Field in RTXN.
RTXNTYPDESC	Field in RTXNTYP.
INTRTXNDESCTEXT	Field in INTRTXNDESC.
EXTRTXNDESCTEXT	Field in EXTRTXNDESC.

ORIGPERSNBR	Field in RTXNSTATHIST, for the record with the latest TIMEUNIQUEEXTN.
EXTCHECKNBR	Field in ACCTBANKCHECK.
CURRBANKCHECKSTATCD	Field in ACCTBANKCHECK.
CHECKPAYTO	Field in ACCTBANKCHECK.
BALAMTAFTER	ACCTBALHIST.BALAMT, for the record with the latest EFFDATE for this account and sub-account number with BALCATCD = 'NOTE' and BALTYPCD = 'BAL'.
DATELASTMAINT	Field in RTXN.
OTCPERSNBR	Field in RTXN.
CURRTXNSTATCD	Field in RTXN.

Note: Transactions with an RTXNTYPCD in INFORMANT_TRANS_TYPE_LIST where ACTION = 'X' are not retrieved. Transactions with an ACCTNBR in ACCOUNT_LIST where ACTION = 'X' are not retrieved.

CARDTXN
- New Card Transactions

Request

Parameter	Description
Since	The cardtxnnbr of the earliest transaction to fetch, inclusive.
Until	The cardtxnnbr of the latest transaction to fetch, inclusive.

Response (List of)

Value	Description
CARDTXNNBR	Field in CARDTXN.
EXTCARDNBR	Field in CARDTXN.
ISOTXNCD	Field in CARDTXN.
RTXNSOURCETYPCD	Field in CARDTXN.
LOCALTXNDATE	Field in CARDTXN.
LOCALTXNTIME	Field in CARDTXN.
PROCESSTYPCD	Field in CARDTXN.
FROMACCTNBR	Field in CARDTXN.
TOACCTNBR	Field in CARDTXN.
TXNAMT	Field in CARDTXN.
TXNFEEAMT	Field in CARDTXN.
RESPONSECD	Field in CARDTXN.
SETTLEDATE	Field in CARDTXN.
ACQUIREINSTID	Field in CARDTXN.
TERMINALID	Field in CARDTXN.
RETREFNBR	Field in CARDTXN.

SICCD	Field in CARDTXN.
NETWORKID	Field in CARDTXN.
ENTRYMODE	Field in CARDTXN.
EXTRTXNDESCTEST	Field in EXTRTXNDESC.

ACCOUNT_STATUSES
- New Account Statuses

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ACCTNBR	Field in ACCTBALHIST.
BALAMT	Field in ACCTBALHIST.
BALDATE	Field in ACCTBALHIST.
AMTDUE	The sum of all (receivable amounts less the receivable payments) for that account, or 0 if there are no receivables.
DUEDATE	Field in ACCTRCVB, the minimum for all receivables for the account.
LASTPAYMENTDATE	Field in ACCTRCVBPMT, the maximum for all receivable payments.
FIRSTPAYMENTDATE	Field in ACCTRCVBPMT, the minimum for all receivable payments.

ADDR
- New Addresses

Request

Parameter	Description
Since	The addrnbr of the earliest record to fetch, inclusive
Until	The addrnbr of the latest record to fetch, inclusive

Response (List of)

Value	Description
ADDRNBR	Field in ADDR.

CITYNAME	Field in ADDR.
STATECD	Field in ADDR.
ZIPCD	Field in ADDR.
CTRYCD	Field in ADDR.
DATELASTMAINT	Field in ADDR.

PERSADDRUSE
- New Person Address Use Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ADDRNBR	Field in PERSADDRUSE.
PERSNBR	Field in PERSADDRUSE.
ADDRUSECD	Field in PERSADDRUSE.
INACTIVEDATE	Field in PERSADDRUSE.
DATELASTMAINT	Field in PERSADDRUSE.

ORGADDRUSE
- New Org Address Use Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ADDRNBR	Field in ORGADDRUSE.
ORGNBR	Field in ORGADDRUSE.
ADDRUSECD	Field in ORGADDRUSE.

INACTIVEDATE	Field in ORGADDRUSE.
DATELASTMAINT	Field in ORGADDRUSE.

ADDRLINE
- New Address Line Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ADDRNBR	Field in ADDRLINE.
LINENBR	Field in ADDRLINE.
TEXT	Field in ADDRLINE.
DATELASTMAINT	Field in ADDRLINE.

PERSPHONE
- New Person Phone Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
PERSNBR	Field in PERSPHONE.
PHONEUSECD	Field in PERSPHONE.
PHONESEQ	Field in PERSPHONE.
AREACD	Field in PERSPHONE.
EXCHANGE	Field in PERSPHONE.
PHONENBR	Field in PERSPHONE.
PHONEEXTEN	Field in PERSPHONE.
DATELASTMAINT	Field in PERSPHONE.

ORGPHONE
- New Org Phone Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ORGNBR	Field in ORGPHONE.
PHONEUSECD	Field in ORGPHONE.
PHONESEQ	Field in ORGPHONE.
AREACD	Field in ORGPHONE.
EXCHANGE	Field in ORGPHONE.
PHONENBR	Field in ORGPHONE.
PHONEEXTEN	Field in ORGPHONE.
DATELASTMAINT	Field in ORGPHONE.

CARDAGREEMENT
- New Card Agreement Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
AGREENBR	Field in CARDAGREEMENT.
EXTCARDNBR	Field in CARDAGREEMENT.
SERVCHGACCTNBR	Field in CARDAGREEMENT.
DATELASTMAINT	Field in CARDAGREEMENT.

CARDPERS
- New Card Person Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive

Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
AGREENBR	Field in CARDPERS.
PERSNBR	Field in CARDPERS.
PRIMARYSAVINGS	Field in CARDPERS.
PRIMARYCHECKING	Field in CARDPERS.
DATELASTMAINT	Field in CARDPERS.

CARDMEMBERISSUEHIST
- New Card Member Issue History Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
AGREENBR	Field in CARDMEMBERISSUEHIST.
EFFDATETIME	Field in CARDMEMBERISSUEHIST.
CARDSTATCD	Field in CARDMEMBERISSUEHIST.
DATELASTMAINT	Field in CARDMEMBERISSUEHIST.

ACCT
- New Account Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ACCTNBR	Field in ACCT.
MAJORACCTCD	Field in ACCT.
MINORACCTCD	Field in ACCT.
MAJORACCTCDDESC	MJACCTTYP.MJACCTTYPDESC
MIACCTTYPDESC	MJMIACCTTYP.MIACCTTYPDESC

CONTRACTDATE	Field in ACCT.
CURRACCTSTATCD	Field in ACCT.
TAXRPTFORPERSNBR	Field in ACCT.
TAXRPTFORORGNBR	Field in ACCT.
DATELASTMAINT	Field in ACCT.

PERS
- New Person Records

Request

Parameter	Description
Since	The persnbr of the earliest record to fetch, inclusive
Until	The persnbr of the latest record to fetch, inclusive

Response (List of)

Value	Description
PERSNBR	Field in PERS.
TAXID	Field in PERS, decrypted using PACK_TAXID.FUNC_GETTAXID.
DATEBIRTH	Field in PERS.
DATEDEATH	Field in PERS.
ADDDATE	Field in PERS.
FIRSTNAME	Field in PERS.
MDLNAME	Field in PERS.
LASTNAME	Field in PERS.
DATELASTMAINT	Field in PERS.

ORG
- New Organization Records

Request

Parameter	Description
Since	The orgnbr of the earliest record to fetch, inclusive
Until	The orgnbr of the latest record to fetch, inclusive

Response (List of)

Value	Description

ORGNBR	Field in ORG.
ADDDATE	Field in ORG.
ORGNAME	Field in ORG.
DATELASTMAINT	Field in ORG.

ACCTACCTROLEPERS
- New Person Account Role Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ACCTNBR	Field in ACCTACCTROLEPERS.
PERSNBR	Field in ACCTACCTROLEPERS.
ACCTROLECD	Field in ACCTACCTROLEPERS.
INACTIVEDATE	Field in ACCTACCTROLEPERS.
DATELASTMAINT	Field in ACCTACCTROLEPERS.

ACCTACCTROLEORG
- New Organization Account Role Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ACCTNBR	Field in ACCTACCTROLEORG.
ORGNBR	Field in ACCTACCTROLEORG.
ACCTROLECD	Field in ACCTACCTROLEORG.
INACTIVEDATE	Field in ACCTACCTROLEORG.
DATELASTMAINT	Field in ACCTACCTROLEORG.

PERSPERSTYP
- New Person Type Code Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
PERSNBR	Field in PERSPERSTYP.
PERSTYPCD	Field in PERSPERSTYP.
INACTIVEDATE	Field in PERSPERSTYP.
DATELASTMAINT	Field in PERSPERSTYP.

PERSCREDITSCOREHIST
- New Credit Score History Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
PERSNBR	Field in PERSCREDITSCOREHIST.
CREDITSCORE	Field in PERSCREDITSCOREHIST.
SCOREDATE	Field in PERSCREDITSCOREHIST.
DATELASTMAINT	Field in PERSCREDITSCOREHIST.

ACCTLOANLIMITHIST
- New Account Loan Limit History Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ACCTNBR	Field in ACCTLOANLIMITHIST.
CREDITLIMITAMT	Field in ACCTLOANLIMITHIST.
DATELASTMAINT	Field in ACCTLOANLIMITHIST.

ACCTRCVB
- New Account Receivable Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ACCTNBR	Field in ACCTRCVBPMT.
SUBACCTNBR	Field in ACCTRCVBPMT.
RCVNBR	Field in ACCTRCVBPMT.
RTXNNBR	Field in ACCTRCVBPMT.
AMT	Field in ACCTRCVBPMT.
DATELASTMAINT	Field in ACCTRCVBPMT.

ACCTBALHIST
- New Account Balance History Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ACCTNBR	Field in ACCTBALHIST.
SUBACCTNBR	Field in ACCTBALHIST.
EFFDATE	Field in ACCTBALHIST.
BALAMT	Field in ACCTBALHIST.
DATELASTMAINT	Field in ACCTBALHIST.

ACCTRCVBPMT
- New Account Receivable Payment Records

Request

Parameter	Description
Since	The date[dateLastMaint] of the earliest record to fetch, inclusive
Until	The date[dateLastMaint] of the latest record to fetch, inclusive

Response (List of)

Value	Description
ACCTNBR	Field in ACCTRCVBPMT.
SUBACCTNBR	Field in ACCTRCVBPMT.
RCVNBR	Field in ACCTRCVBPMT.
GENDATE	Field in ACCTRCVBPMT.
DUEDATE	Field in ACCTRCVBPMT.
AMT	Field in ACCTRCVBPMT.
DATELASTMAINT	Field in ACCTRCVBPMT.
NOTENBR	Field in ACCTRCVBPMT.
CURRCVBSTATCD	Field in ACCTRCVBPMT.
GENBILLYN	Field in ACCTRCVBPMT.
SCHEDGENDATE	Field in ACCTRCVBPMT.
CREDITRPTPMTCURRENTYN	Field in ACCTRCVBPMT.

Assemblies Technical Specification

Project Name: DnaToInformantProvider [DnaToInformantProvider.dnacproj]

	Property Name	Value
	Assembly Title	DnaToInformantProvider
	Assembly Product	DnaToInformantProvider
	Assembly Guid	
	Assembly Version	2.0.3.0
	DNAAppId	6107b2b7-2233-4c76-8108-3a9cdc022d2f
	DNAextensionApplId	
	Product Name	CORE2006
	ExtensionId	

Project Name: DnaToInformantProvider.DataAccess

	Property Name	Value

	Assembly Title	DnaToInformantProvider.DataAccess
	Assembly Product	DnaToInformantProvider.DataAccess
	Assembly Guid	ef157524-120b-4939-9b07-ff04388bbe95
	Assembly Version	2.0.3.0
	DNAAppId	6107b2b7-2233-4c76-8108-3a9cdc022d2f
	DNAextensionAppIId	60380840-65a6-45b1-89a2-95ecd27f5ded

Project Name: DnaToInformantProvider.Model

	Property Name	Value
	Assembly Title	DnaToInformantProvider.Model
	Assembly Product	DnaToInformantProvider.Model
	Assembly Guid	ef157524-120b-4939-9b07-ff04388bbe95
	Assembly Version	2.0.0.0
	DNAAppId	6107b2b7-2233-4c76-8108-3a9cdc022d2f
	DNAextensionAppIId	9e778e6b-c6ab-43f4-8122-adcc5c88b2b4

Project Name: naToInformantProvider.Services

	Property Name	Value
	Assembly Title	DnaToInformantProvider.Services
	Assembly Product	DnaToInformantProvider.Services
	Assembly Guid	ef157524-120b-4939-9b07-ff04388bbe95
	Assembly Version	2.0.0.0
	DNAAppId	6107b2b7-2233-4c76-8108-3a9cdc022d2f
	DNAextensionAppIId	29afd93c-6a50-4554-a029-0ff52ed122e9

Project Name: DnaToInformantProvider.WcfHost

	Property Name	Value
	Assembly Title	DnaToInformantProvider.Services
	Assembly Product	DnaToInformantProvider.WcfHost
	Assembly Guid	ef157524-120b-4939-9b07-ff04388bbe95
	Assembly Version	2.0.0.0
	DNAAppId	6107b2b7-2233-4c76-8108-3a9cdc022d2f
	DNAextensionAppIId	83b695ed-d1e1-4683-ba64-97c117377d80

Revisions

Date	App Version #	Change
03/2020	2.0.3.0	Following design changes applied to Initial version New Index added: IFMT_ACCTRCVBPMT_I1 New functions added to informant_interface: ACCTRCVB ACCTRCVBPMT ACCTBALHIST Update to informant_interface function: ACCTSUBACCT
07/2019	2.0.2.0	Added missing column to informant_interface.rtxn function
02/2019	2.0.1.0	Remove datelastmaint indexes on following tables: ADDR, CARDTXN, ORG, PERS
01/2019	2.0.0.0	DnaToInformantProvider Information DTOs has been updated, Response result data compression added.
01/2019	2.0.0.0	Following design changes applied to Initial version New Indexes added: IFMT_ADDR_I1 IFMT_PERSADDRUSE_I1 IFMT_ORGADDRUSE_I1 IFMT_ADDRLINE_I1 IFMT_PERSPHONE_I1 IFMT_ORGPHONE_I1 IFMT_CARDAGREEMENT_I1 IFMT_CARDPERS_I1 IFMT_CARDMEMBERISSUEHIST_I1 IFMT_ACCT_I1 IFMT_PERS_I1 IFMT_ORG_I1 IFMT_ACCTACCTROLEPERS_I1 IFMT_ACCTACCTROLEORG_I1 IFMT_PERSPERSTYP_I1 IFMT_PERSCREDITSCOREHIST_I1 IFMT_ACCTLOANLIMITHIST_I1 IFMT_CARDTXN_I1 IFMT_RTXN_I1 IFMT_ACCTBALHIST_I1 IFMT_ACTV_I1 New functionalities added namely:

		COLUMN_INDEX AGGREGATE VERSION EXPLAIN_PLAN
12/2016	1.0.0.0	Initial document