CI SaaS Universal Migration Utility Guide

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Migrating Translations from CI to AV for CI SaaS

Definition of CI SaaS

AccountView (AV) has an enhanced export capability for firms that want to extract financial data and export it in files formatted in our Universal (generic) format, which has been available from our Custodial Integrator Universal desktop application.

This enhanced export capability is referred to as Custodial Integrator Software as a Service (CI SaaS), and the capability replaces Custodial Integrator Desktop. CI SaaS moves existing Custodial Integrator Desktop features into the AccountView platform. Within AccountView, the Downloads tab contains all of the Custodial Integrator capabilities, eliminating the need to install or locally manage Custodial Integrator Desktop.

Related documentation

Refer to [Migrating to AccountView CI SaaS Universal](#) for a website with detailed instructions for the migration, including feature comparisons, preparing for migration, and best practices for migration.

Refer to [Custodial Integrator Software as a Service - CI SaaS](#) for links to other CI SaaS documentation.

Overview of this guide

This guide describes the utility, an overview of steps required to migrate your security and account translations and global and column configuration files from Custodial Integrator desktop to AccountView (CI SaaS), descriptions of the files, and troubleshooting information. The audience for this manual is the Data Administrator who is responsible for running Custodial Integrator and extracting files in our Universal (generic) format. As Data Administrator you should be familiar with working directly in the Windows file system.

Overview

The migration process involves doing the following steps, which are explained in detail in subsequent sections.

1. Install a tool, ExportUtility, on your Custodial Integrator system that will be used to extract security and account translations and global and column configurations from your Custodial Integrator instance(s).
2. Execute the new tool to write the translations and configurations to comma-separated values (.csv) files.
3. Import the translations and configurations into AccountView.

Limitations

- We only support importing configurations and translations from CI Desktop that is using Advisor level access to DataConnect.

- You can access the CI SaaS Universal features and export the files described in this guide if you have an Advisor login at a firm that has CI SaaS Universal enabled.

Install ExportUtility

About ExportUtility

The ExportUtility tool extracts your security and account translations and global and column configurations from your Custodial Integrator instance. It writes these translations and configurations to .csv files that may then be imported into AccountView for use in CI SaaS.

Where to find it

The ExportUtility is posted in http://www.byallaccounts.net/CI/CISaasMigrationUtility.zip and login is required to access it. The .zip file contains:

- This document.
- ExportUtility.jar – the java executable jar file that performs the extraction.
- runExportUtility.bat – the batch file that contains the command to execute ExportUtility.jar.

Where to put it

Place the jar and bat files into the same folder in which Custodial Integrator is installed. This folder is typically C:\Program Files (x86)\Custodial Integrator.

Execute ExportUtility

How the ExportUtility operates

The ExportUtility runs against the Custodial Integrator database and it references the same files that control Custodial Integrator desktop, namely runCI.bat and CI.ini. Those files provide parameter settings such as the name of the SQL Server and the database to access (typically named BaaWpAci). The parameters obtained from these files are listed in the following table. If neither file is found or neither provides the required parameters then default values are used.

Parameter	Description	Default value if not found
dbname	Name of SQL Server database used by CI	BaaWpAci
sqlhost	Name of machine hosting SQL Server	localhost
sqllogin	User's SQL Server login name	windows authentication
sqlpw	User's SQL Server password	windows authentication
ciinidir	Folder in which CI.ini file resides	folder in which runExportUtility.bat was run

How to run the utility

The user running the tool must have read access to the runCI.bat file and the CI.ini file that are in the same folder in which the tool is executed.

To run a single instance

If you run a single Custodial Integrator instance on your system then the tool is ready to be executed without any changes. To run the tool, execute the batch file runExportUtility.bat. This script executes a java command and requires no interactive input so can be run directly or from a Command Prompt window (cmd.exe). The script is simply the following command, which can be configured to run against any Custodial Integrator database:

> java -Djava.library.path=.\extlib -cp ExportUtility.jar;extlib\sqljdbc.jar;extlib\gnu-regexp.jar;extlib\connector-framework-1.4.4.0.jar;extlib\connector-framework-internal-1.4.4.0.jar com.baa.aci.ExportUtility runcipath:".\runCI.bat"

To run multiple instances

If you run multiple instances of Custodial Integrator, edit the command line to show the name of the customized .bat file for each instance as needed. For example, if the .bat is runCIforCustomer2.bat, the command line would be:

> java -Djava.library.path=.\extlib -cp ExportUtility.jar;extlib\sqljdbc.jar;extlib\gnu-regexp.jar;extlib\connector-framework-1.4.4.0.jar;extlib\connector-framework-internal-1.4.4.0.jar; com.baa.aci.ExportUtility runcipath:".\runCIforCustomer2.bat"

Status messages

When run from a Command Prompt window, the ExportUtility displays a few progress statements and a final status of the process. For example:

Output files

The tool generates four translation and configuration files in .csv format; within the files each value is enclosed in double-quotes.

- a global configuration file (GLOBALCONFIGURATION_<dbname>_<date>.csv)
- a column configuration file (COLUMNCONFIGURATION_<dbname>_<date>.csv)
- an account translations file (ACCTTRANSLATIONS_<dbname>_<date>.csv)
- a security translations file (SECTRANSLATIONS_<dbname>_<date>.csv)

In the filenames, dbname is the name of the Custodial Integrator database. See Appendix A for detailed descriptions of the file contents.

Output file location

These files are output to the Custodial Integrator working folder specified in the Custodial Integrator database. Any existing file of the same name in the folder is overwritten.

Note: The tool requires write access to this folder.

Similar to Custodial Integrator, a log file is created during execution. This file can typically be found in the log folder specified in the Custodial Integrator database. If an error occurs before the pathname of the folder can be obtained from the database then the log file can be found in the user's temporary working folder which is typically:

> \Users\<username>\AppData\Local\Temp\CITemp\log\baaCi####.log

Troubleshooting export errors

The following errors are possible. Use this table for troubleshooting.

Description	Resolution
Unable to process command line parameters	Review the parameters in the runExportUtility.bat file.
Unable to read CI.ini file	Verify that user has access to this file.
<value> is not a valid parameter value.	Review the parameters in runExportUtility.bat file, runCI.bat file and CI.ini file
The configured CI working folder does not exist or could not be accessed: <folder name>. You must have write access to this folder.	Startup Custodial Integrator and verify the working folder is defined in the Configuration tab. Verify that you have write access to the folder.
A database error occurred while creating Security Translation file: <filename>	Verify the database name that is being accessed. Startup Custodial Integrator and verify that it can display translations in the Security Custodial Integrator Translations tab.
An error occurred while writing to Security Translation file: <filename>	Verify a file of the same name is not opened by another program such as Excel.
A database error occurred while creating Account Translation file:	Verify the database name that is being accessed. Startup Custodial Integrator and verify that it can display translations in the Account Translations tab.
An error occurred while writing to Account Translation file:	Verify a file of the same name is not opened by another program such as Excel.
Please provide your SQL Server password using sqlpw=yourpw in the CI.ini file.	A sqllogin was provided but no sqlpw. Review the parameters in the runCI.bat and CI.ini file.
Invalid database version. Cannot run with this database. Current version for <dbname> is <version>. Required version is 48 or greater.	Verify that the Custodial Integrator version is V3.2.003 or greater. Verify the database name that is being accessed. Contact ByAllAccounts.

Import the Translation and Configuration files into CI SaaS

How the import in AccountView operates

AccountView provides an Import function for each of the translation and configuration files. The import function attempts to create translations or configurations from a .csv file that you specify. For each row in the .csv file the import may provide new information, override existing information, or be ignored.

Note: This section provides an overview. Refer to the Migrating to AccountView CI SaaS Universal site more detailed information including best practices.

How to import the Configuration files

The process is essentially the same to import either configuration file.

1. In AccountView, select **Downloads > Downloads Dashboard > Import**. Then select whether you want **Import Global Configuration** or **Import Column Configuration**.

2. Click **Choose File** and browse to the location of the file you created with the ExportUtility and select the file.

   - For global configuration, select GLOBALCONFIGURATION_<dbname>_<date>.csv

   - For column configuration, select COLUMNCONFIGURATION_<dbname>_<date>.csv

3. Click **Upload.**
   When the 'Importing data' link changes to 'Import ready', the import of that file is complete.

4. Optionally, repeat to upload the other file.

5. In AccountView, view the new or changed configurations.

   a. For global configuration, see **Downloads > Downloads Dashboard > More Actions > Edit Output Configuration**. The values appear there.

   b. For column configuration, see **Downloads > Downloads Dashboard > More Actions > Edit Output Configuration.** In the Column Delimiter section, click **Advanced.**

How to import the Translation files

The process is essentially the same to import either translation file.

1. In AccountView, select **Downloads**.

   - To import security translations, select the **Security Translations** view.

   - To import account translations, select the **Account Translations** view.

2. Click **Import** > **Choose File** and browse to the location of the file you created with the ExportUtility and select the file.

   - For account translations, select ACCTTRANSLATIONS_<dbname>_<date>.csv

   - For security translations, select SECTRANSLATIONS_<dbname>_<date>.csv

3. Click **Upload** to start the import process.
   The 'Importing data' link will change to 'Import ready' when the import is completed.

4. In AccountView, view the new or changed translations.

     a.   For account translations, select the **Account Translations** view.

     b.   For security translations, select the **Security Translations** view.

To review the status of the import

Once the import is complete the resulting status file can be downloaded to your system for review.

1. Click the 'Import ready' link to view the 'Import Results'.
2. Click the downloads icon next to the latest zip file in the 'Import Results' table to begin the browser download process.
3. Open the .zip file.

The .zip file that AccountView produces includes a readme file that summarizes the number of import values that were processed, were successful, and that failed. The .zip also contains your original .csv file with two additional columns that provide details about how each row was handled during the import. The following tables list the possible treatments for each row.

Translation Load Details

Load Status	Load Details
Succeeded	New translation created from import record.
Succeeded	Overwrote an existing translation with import record.
Succeeded	Import record ignored because all values matched an existing translation.
Succeeded	Import record ignored because all values matched the system default translation.
Succeeded	New translation created from import record. Transaction start date ignored: mm/dd/yyyy.
Failed	Failed to import because account not found.
Failed	Failed to import because institution not found.
Failed	Failed to import because a required field has no data: <name of field>.
Failed	Failed to import because of invalid data in field <name of field>.
Failed	Failed to import because of system error.
Failed	Failed to import because no translation data in fields:<name of field1>,<name of field2>…
Failed	Failed to import because translation needs to be account-specific.

Configuration Load Details (Global)

Load Status	Load Details
Succeeded	
Succeeded	New Account output column definition created from import record
Succeeded	New Prices output column definition created from import record
Succeeded	New Positions output column definition created from import record

Succeeded	New Securities output column definition created from import record
Succeeded	New Transactions output column definition created from import record
Succeeded	Overwrote Account output column definition with import record.
Succeeded	Overwrote Prices output column definition with import record.
Succeeded	Overwrote Positions output column definition with import record.
Succeeded	Overwrote Securities output column definition with import record.
Succeeded	Overwrote Transactions output column definition with import record.
Failed	Failed to import because of invalid data in field COLUMN_NAME
Failed	Failed to import because of invalid data in field OUTPUT_FILE_ID

Appendix A.   Output File Formats

Global Configuration File

The following table describes the Global Configuration file (GLOBALCONFIGURATION_<dbname>_<date>.csv). Rows are ordered by the variable name of the left column, ascending.

Notes:

- Because this is a global configuration file, it contains fields for all Custodial Integrator variants.
- Additional, optional parameters may appear in this file. They are listed separately in this table but would be intermingled in the configuration file.

Column Name	Description
ALB_BROKER_DEALER_ID	Albridge broker ID
ALB_OPT_COMBINE_ACCRUED_TX	Albridge combine accrued transactions
ALB_OPT_COMBINE_DIV_REINVEST_TX	Albridge combine dividend reinvestment
ALB_OPT_COMBINE_DUP_POS	Albridge combine duplicate positions
ALB_OPT_CREATE_INCOME_POS	Albridge create separate income positions
ALB_OPT_INCACCT	Albridge include accounts
ALB_OPT_INCPOS	Albridge include positions
ALB_OPT_INCPRICE	Albridge include prices
ALB_OPT_INCSEC	Albridge include securities
ALB_OPT_INCTX	Albridge include transactions
ALB_OPT_REMOVE_NOUNIT_POS	Albridge remove positions with no units
ALB_OPT_REMOVE_UNSETTLED_TX	Albridge remove unsettled transactions
ALB_OUTPUT_PATH	Albridge output path
APX_GROUP	APX grouping
APX_LOG_PATH	APX log directory
APX_LOT_BLOTTER	APX lot blotter
APX_OPT_ADDCOMMENT	APX additional comments
APX_OPT_INCPOS	APX include positions
APX_OPT_INCPRICE	APX include prices
APX_OPT_INCTX	APX include transactions
APX_OPT_RELOADAPXSEC	APX reload securities
APX_OUTPUT_PATH	APX output directory

Column Name	Description
APX_POSITION_BLOTTER	APX position blotter
APX_TRADE_BLOTTER	APX trade blotter
AXYS_CLI_PATH	Axys cli directory
AXYS_INF_PATH	Axys info path
AXYS_LOG_PATH	Axys log directory
AXYS_PRI_PATH	Axys price path
AXYS_TRN_PATH	Axys transaction path
AXYS_VERSION	Axys version
CI_WORKING_PATH	Working path directory for Custodial Integrator
CSV_DEFAULT_SEC_SYMBOL_POLICY	Default security symbol policy
CSV_DELIMITER	Column delimiter
CSV_OPT_COMBINE_ACCRUED_TX	Combine accrued transactions
CSV_OPT_COMBINE_DIV_REINVEST_TX	Combine dividend reinvestment
CSV_OPT_COMBINE_DUP_POS	Combine duplicate positions
CSV_OPT_CREATE_INCOME_POS	Create separate income positions
CSV_OPT_INCACCT	Include accounts
CSV_OPT_INCPOS	Include positions
CSV_OPT_INCPRICE	Include prices
CSV_OPT_INCSEC	Include securities
CSV_OPT_INCTX	Include transactions
CSV_OPT_QUOTES	Enclose column values in double quotes
CSV_OPT_REMOVE_NOUNIT_POS	Remove positions with no units
CSV_OPT_REMOVE_UNSETTLED_TX	Remove unsettled transactions
CSV_OUTPUT_PATH	Output path for csv
CSV_SYMBOL_DUMMY	Security name prefix
CSV_SYMBOL_ORDER	Symbol usage order
OPT_ADDCOMMENT	Additional comments
OPT_EXPPOS_OMIT_FAILED_ACCT	Export positions that have not failed
OPT_EXPPOS_OMIT_STALE_ACCT	Export up to date positions
OPT_INCPOS	Include positions
OPT_INCPRICE	Include prices
OPT_INCTX	Include transactions

Column Name	Description
OPT_LIMIT_SELECT	Exclude out-of-date and not yet exported today accounts
OPT_POSTPOS	Posting positions
OPT_RELOADAXYSSEC	Reload Axys security
OPT_USE_CALC_PRICES	Calculate price from positions previous business day market value and units
OPT_USE_FI_BOND_PRICES	Use bond prices
OPT_USE_STALE_PRICES	Include out of date prices
PATH_TO_APX	Path to APX
PATH_TO_AXYS	Path to Axys
PC_OPT_INCINIPOS	PortfolioCenter include initial positions
PC_OPT_INCPORT	PortfolioCenter include portfolio
PC_OPT_INCPRICE	PortfolioCenter include prices
PC_OPT_INCREC	PortfolioCenter include records
PC_OPT_INCSEC	PortfolioCenter include securities
PC_OPT_INCTX	PortfolioCenter include transactions
PC_OUTPUT_PATH	PortfolioCenter output path
SCHEMA_VERSION	Database revision number
TLM_OPT_INCCASH	TLM include cash
TLM_OPT_INCPOS	TLM include positions
TLM_OUTPUT_PATH	TLM output directory
TOD_OPT_INCCASH	TOD include cash
TOD_OPT_INCPOS	TOD include positions
TOD_OPT_INCTX	TOD include transactions
TOD_OPT_REMOVE_NOUNIT_POS	TOD exclude positions without units
TOD_OPT_REMOVE_UNSETTLED_TX	TOD exclude unsettled transactions
TOD_OUTPUT_PATH	TOD output directory
TX_DATE_TYPE	Transaction type
Additional optional parameters	
ACCOUNTIDENTIFIERMAXLEN	Specifies the maximum length for the Custodial Integrator account identifier
ADDCUSTOMFIELDS	If set to 1 or 'y' each TOD exported file will contain 3 additional fields

Column Name	Description
ALWAYSSETMARKMARKET	Mark-to-market value
APX4LOTTYPE	The letter to be output in the "source type" field of the position lots blotter.
APX4POSITIONTYPE	The letter to be output in the "source type" field of the positions blotter.
APXIXWAIT	Number of minutes to wait for apxix to create output
AXYSACBOND	Axys asset code for Fixed Income
AXYSACCCASH	Axys asset code for Cash
AXYSBROK	The value to use for the Broker column when a value is required for this column of a transaction
AXYSCOMMENTFIELDORDER	Used to define order of fields in the comment field of axys/apx
AXYSCOMMENTMAXLENGTH	Maximum # of characters for an Axys comment string
AXYSCOMMISSION	Include commission info in tx for Axys
AXYSCUR	The system currency for Axys installation
AXYSLOTLOCATION	Default lot location for axys and apx
COMBINEBONDACCRUEDINT	▪ Try combining bond buy/sell and accrued interest transactions (PC and CSV)
DEFAULTACCOUNTCURRENCY	Default account currency
DEFAULTACCOUNTIDENTIFIER	Specifies the source for the default account identifier in the Account Translations tab -> Add Translation dialog.
DEFAULTNUMPRICEDAYS	The number of days of historical price data that Custodial Integrator should import/export
DEFCASHSYM	Default cash symbol for TLM
DEFCASHSYM	The default cash symbol for PC's BUY and SELL txs of securities of type cash
DEFCASHSYM	The default cash symbol for Axys
DEFDIVQUAN	For Dividend transactions with no reported Quantity, use this value in the quantity column in the topost.trn transaction file
DEFFEESYMBOL	Default Axys security symbol for Fee-like transactions
DEFFEETYPE	Default Axys security type for Fee transactions
DEFMARKMARKET	Value to use when Mark to Market tx field is required
DEFPERFCW	Value for the Perf./CW col in tx file
DEFSECID	Default security id symbol for TLM
DELIMITER	The character to be used as delimiter in TLM output files

Column Name	Description
ENABLELOTS	Enables tax lot functionality
EXPORTALLUNEXPORTEDACCOUNTS	Import and export all accounts that have not yet been exported today, including stale and failed accounts.
FASECTYPE	Comma-separated list of Axys security types that represent fixed annuities
FOREIGNTAXSYMBOL	Default sec sym for dp/wd transactions originating from Debit/Credit with subtype ForeignTax
LIMITPRICECALCPRECISION	Maximum number of fractional digits in calculated prices.
LIMITUNITPRECISION	Limit number of fractional digits in position units to 4, otherwise 6
MATCHFORREINVEST	Match div/buy reinvestment pairs for calculating total amount and dvwash setting (All except TLM)
NUMFUTURETRADEDATEDAYS	Number of days in the future allowed on trade dates
NUMHISTORICALPRICEDAYS	Number of days of historical price data available from WebPortfolio
OUTPUTACCOUNTTRANSLATION	Generates the account translation file during Export
OUTPUTALLSECONDARYPRICES	This is a catch-all for all secondary data that is not in standard output
OUTPUTMISSINGPRICEFILE	Generates missing price data file during Export
OUTPUTSECURITYTRANSLATIONS	Generates the manual security translation file during Export
OUTPUTSTALEACCOUNTS	Generates the list of mapped stale accounts during Export
OUTPUTUNTRANSLATEDACCOUNTS	Generates the untranslated accounts file during Export
OUTPUTUNTRANSLATEDSECURITIES	Generates untranslated securities and untranslated security details files during Export
OVERWRITEPOSZEROUNITS	Overwrite positions based on the following: ▪ none: no overwrite when units can't be calculated from market value and price, ▪ useMV: causes position's units to be set to market value when no units or price is available, price is set to 1 ▪ use1: causes position's units to be set to 1 when not units or price is available, price is set to mv y: same as useMV
OVERWRITEPRICE	Output price to price file always, even if it exists in file already, specifically for ICT
OVERWRITERECCOST	Causes REC transaction's Original Principal Cost field to be set to the market value

Column Name	Description
POSITIONSORTORDER	Specifically for CI SaaS, sql string that provides alternate sort order for positions
POSPOSDEFDIR	Folder name where pospos32.exe looks for ptopost.trn
POSSTMT	Create a position statement for each portfolio
POSTCOMMENTS	Tx comments are formatted so they post to the trade blotter
PRICEIMPORTMERGEOPTION	Option for apixix -i command used to import prices
SOPCASHFILE	If set to 1 or 'y' Custodial Integrator TOD will export the SOP_CASH file
SOPHX	If set to 1 or 'y' Custodial Integrator TOD will export historical SOP files
SOURCECODE	Value for source field in tx file
STALEPOSITIONPERCENTAGE	Percentage of positions that may be stale before Custodial Integrator flags the account as not up-to-date
TAXSYMBOL	Default sec sym for dp/wd transactions originating from Debit/Credit with subtype Tax
TOOL	Extraction type (AXYS,TLM,PC,CSV,APX,TOD,ALB)
TRANSLATEACCOUNTVALIDATIONSTATUS	Specifies whether all untranslated accounts will be automatically translated or only the validated ones
TRANSLATEEARLIESTTXDATE	Specifies the earliest transaction date to be used when filtering transactions on the first translation
TRANSLATEUNTRANSLATEDACCOUNTS	Automatically create translation for untranslated accounts
TXFILE	Use to set an alternate file name for posting transactions
UPDATESTALEACCOUNTS	Update stale accounts before import
USECURRENTFACEFORPOSITIONS	Causes recon and initial positions output to use Current Face (Units) instead of trying to use Original Face first
USECUSTOMSUBACC	If set to 1 or 'y' Custodial Integrator TOD uses the SEC custom format for the SUBACC field
XLATEFEEDESC	The string to be compared against description of Fee-like transactions
XLATEFEESYMBOL	Symbol to be used for the translation of fee, investment expense, and service charge transactions whose description contains the string defined in the corresponding XLATEFEEDESC
XLATEFEETYPE	Type to be used for the translation of fee, investment expense, and service charge transactions whose description contains the string defined in the corresponding XLATEFEEDESC

Column Configuration File

The following table describes the Column Configuration file (COLUMNCONFIGURATION_<dbname>_<date>.csv).
The file always has a header row.

Column Header	Description
COLUMN_NAME	The name of the column
INCLUDE_OPT	Whether the column should be included
OUTPUT_FILE_ID	Output file category
ORDER_DEFAULT	Default order of the columns
ORDER_VALUE	Current column order
DATA_TYPE	Data type of the column
POSSIBLE_DEFAULTS	Possible defaults for the column
DEFAULT_VALUE	The default value that is used for the column
POSSIBLE_OVERRIDE	Possible overrides for the column value
OVERRIDE_OPT	Override option for the column value
POSSIBLE_CUSTOM_OPTS	Other custom options that can be used to modify column value
CUSTOM_OPTS	Custom option value
DISABLED	Indicates whether or not the column field is disabled

Account Translation File

The following table describes the Account Translation file (ACCTTRANSLATIONS_<dbname>_<date>.csv).The account translation file always has a header row. Rows are ordered by the ACCOUNT_ID column, ascending.

Column Header	Description	Requires a Value
ACCOUNT_ID	Account's unique database ID.	√
OUTPUT_ACCOUNT_ IDENTIFIER	User-assigned account identifier.	
ACCOUNT_NAME	Name of account in AccountView.	
ACCOUNT_NUMBER	Account number from the institution.	
INSTITUTION_ID	Unique database ID of the institution.	
INSTITUTION_NAME	Name of the institution.	
TRANSACTION_ START_DATE	Earliest allowed execution date for transactions to be included in next Custodial Integrator Import/Export run.	
CURRENCY	Account's currency type for Custodial Integrator TLM/TOD.	
IMPORT_ENABLED	Specifies whether to include account in next export process: True or False.	
GLOBAL_EXCLUDE_ POSITIONS_IF_STALE	Specifies for all accounts whether to include stale positions in next export process: True or False.	
EXPORT_POSITIONS_IF_ STALE_OVERRIDE	Specifies whether this account should override the "GLOBAL_EXCLUDE_POSTITIONS_IF_STALE" setting: empty = use global exclude setting, True = override setting and export stale positions.	
MM_SYMBOL	Overriding symbol for MONEY MARKET BALANCE securities.	
MM_SYMBOL_TYPE	Custodial Integrator Universal's symbol type for MM symbol.	
SWEEP_SYMBOL	Custodial Integrator Universal's symbol for sweep transactions.	
SWEEP_SYMBOL_ TYPE	Custodial Integrator Universal's symbol type for sweep transactions.	
SWEEP_SECURITY_ TYPE	Custodial Integrator Universal's security type for sweep transactions.	

Security Translation File

The security translations file always has a header row. Rows are ordered by the ID column, ascending.

Column Header	Description	Requires a Value
ID	Custodial Integrator translation identifier from which record was generated, not necessarily unique.	√
INPUT_TICKER	Input security ticker.	*
INPUT_CUSIP	Input security CUSIP.	*
INPUT_NAME	Input security name.	*
INPUT_FI_ID	Unique database ID for the institution, to be used with INPUT_NAME.	**
INPUT_ACCOUNT_ID	Unique database ID for the account to be used with INPUT_NAME for account-specific translation.	
SECURITY_REFERENCE_ NAME	Informational name for symbol-based translation.	
OUTPUT_SECURITY_ TYPE	Output Universal security type.	√
OUTPUT_SYMBOL	Output security symbol.	√
OUTPUT_SYMBOL_ TYPE	Output symbol type (Custodial Integrator Universal only).	
CREATION_DATE	Creation date of the translation.	
LAST_MODIFIED_DATE	Last modification date of the translation.	

*   One and only one of these fields must contain data.

**   Typically valued if INPUT_NAME is valued, but not always.