

X9Ware LLC Announces X9Assist R3.12 with the new X9Utilities Console

X9Ware LLC is pleased to announce the general availability of Release 3.12, which includes our X9Assist suite of desktop tools, our X9Utilities command line tool, and an updated SDK.

X9Assist now includes the a new X9Utilities Console, which allows our x9utilities command line (batch) tool to be run on an interactive basis. The console automatically constructs the command line from user selected parameters and files. It then allows the results to be saved as a "work unit" which can be run later as needed.

X9Utilities has been moved into the SDK, allowing those tools to be directly invoked by user applications. We have also published the X9Utilities source code (it can be downloaded from our website) since it serves as great examples of how to perform various SDK functions and generally how to develop SDK user applications.

IRD Print is now available to both X9Validator and X9Assist users. We see this as an important addition to our validator product which will hopefully allow our customers to reduce their need on other vendor products.

A complete list of R3.12 enhancements:

- X9Assist can run X9Utilities interactively with provided parameters saved to xml for reuse.
- Convert x9-to-ach creates a new ACH file from the current x9 in a user selected entry class.
- X9Validator now includes IRD image print to make this functionality available to more users.
- lqa/Eci/Clm/Modify boxes are disabled during the X9Assist file loading process.
- Each Make reformatter is now directly associated with a corresponding generator.
- Make/Generate has improved and streamlined support for type 68 user records.
- Make/Generate can optionally accumulate credits into trailer record item counts and/or amounts.
- Make/Generate debit back side image incorporates sample usage of the X9Ware LLC paid stamp.
- Save/SaveAs have improved file backups which are written as temp and renamed on completion.
- Additional X9Assist performance improvements (browse, save, etc) when running in 64 bit mode.
- Simplified and improved ICL-ICLR conversion capabilities using ICL<->ICLR tool bar function.
- Create/Generate/ACH transform will create returns, dishonored returns, and contested returns.
- Create/Generate/ACH transform will create notification of change and refused NOC files.
- Make/Generate/ACH has new spreadsheet templates for dishonored returns and contested returns.
- Add Items/IRDs to pick lists allows tree item selection at the file and cash letter levels.
- Add IRD allows return reasons to be automatically assigned from the last item addendum record.
- Config.xml allows loading of system configuration entries to be disabled during startup.
- Config.xml allows a default x9 configuration to be assigned at the system level for all users.
- X9Rules x9controls "fileNameValidation" applies filename validations using RegEx patterns.
- Removed x9.100-187-2013 & 187-2013-UCD; added x9.100-187-2016 & 187-2018-UCD.
- Updated return reasons for various applicable x9 standards using ANSI X9.100-188-2018.
- Templates.xml has new entryType of System/User to improve compatibility across releases.
- Configuration Editor and system log now indicate the folder where rules were loaded from.
- CPA015 validates item level currency (CAD/USD) using routing and process control fields.
- X9Utilities has new compare tool which analyzes two x9 files and reports on all differences.
- X9Utilities "-workUnit:" parameter assigns saved parameters from a previous X9Assist test.
- X9Utilities "-write" number of type 28 endorsements increased from one to three.
- X9Utilities logs extraneous command line parameters that are invalid for the current function.
- X9Utilities has been incorporated into the SDK and can be invoked by SDK based applications.
- X9Utilities source code is now public and published on our website as SDK example application.
- SDK X9Rules/X9Controls has credit table improvements for type25s that represent credits.
- SDK deposit balancing has new settings for credit orientation and trailer record boundaries.
- SDK JavaDoc (which documents all APIs) is now public and can be downloaded from our website.
- X9DemoWriter/X9DemoWriterThreaded improved to demonstrate advanced SDK x9writer capabilities.

About X9Ware LLC

X9Ware LLC (www.x9ware.com) provides extensive tools for users of the x9.37 and ACH file formats. The product line extends from a free X9/ACH viewer to a suite of tools that include validate, modify, delete, make, generate, scrub, import, export, compare, merge, repackage, and numerous other functions. X9Ware LLC strives to offer the best tools in the industry and offers consulting services based on our 35+ years of industry experience.

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