

X9Ware LLC Announces X9Assist R3.11 with Core Technology Improvements

X9Ware LLC is pleased to announce the general availability of Release 3.11, which includes our X9Assist suite of desktop tools, our X9Utilities command line tool, and an updated SDK. R3.11 represents our completion of work efforts which provide dual X9/ACH file support. ACH tools now include browse, validate, find, search/replace, filtering, modify, repair, make/generate, import/export, merge, create, scrub, compare, clone, and repackage.

This release contains several core technology enhancements. X9Assist is now available as a 64-bit installer for Windows. We will continue to provide a 32-bit download subject to demand. The 32-bit installer runs on both 32-bit and 64-bit systems, while the 64-bit package runs on 64-bit systems only. Additionally, our SDK is now based on Java 8 OpenJDK, eliminating our previous dependence on the Oracle JRE.

X9Validator/AchValidator have several new capabilities. Filter support has been added (as present in X9Assist). Filters can be used with Find to create a list of items within the currently loaded file. Multiple filters can be created, manipulated, and combined to create new filters, which can ultimately be used as the basis to create new files. X9Validator's new image print tool will print one item (with front/back images) per page.

X9Utilities includes numerous enhancements. Write continues to be improved with capabilities that make it compatible with an increasing number of financial institutions. Our RCC writer has a configurable paid stamp that can be drawn on the back side image. Credit profiles allow multiple customer deposits to be aggregated within the same x9.37 file. X9Utilities has several improvements which provide better support for Test Center Automation.

X9Ware has added optional mailing lists that provide notification when new builds are available via website downloads. We have also created a new X9Ware Installation Guide that contains a variety of installation topics which are applicable to X9Assist, X9Utilities, and the SDK. A complete list of R3.11 enhancements is as follows:

- X9Assist is now available in both 32 bit and 64 bit installer packages (both run x9assist.exe).
- X9Assist 32 bit installs into folder / Program Files (x86) / X9Ware LLC / X9Assist R3.11 /.
- X9Assist 64 bit installs into folder / Program Files / X9Ware LLC / X9Assist R3.11 /.
- Filter related tools moved from X9Assist into X9Validator to make it available to more users.
- Image print in 2x1 format is now available in X9Validator to make it available to more users.
- Image Viewer will display partial images when the type 52 tiff byte array is truncated (short).
- Make/Generate credit back side image has a list of checks to better simulate a deposit ticket.
- Scrub option "retainImageBlockImageAreas" now blocks common memo and signature box areas.
- Validator errors now consistently end with "failed(xxx)" which indicates the failure reason.
- IQA too light / too dark settings updated to FRB parameters as of 2014 per their website.
- X9Assist installer includes a ".dat" file association (in addition to x9, x937, icl, and ach).
- X9Assist exception processing popup can optionally report problems via our website.
- X9Utilities expanded to generally support test center automation and related scripting.
- X9Utilities write has new creditItemSequenceNumber settings to auto-create a unique credit ISN.
- X9Utilities now exports images regardless of active "-rectypes" filtering.
- X9Utilities export "-mpird" parameter which exports a multi-page tiff of the IRD for each item.
- X9Utilities write automatically drawn credit back side image includes optional check list.
- X9Utilities write can optionally draw a paid stamp endorsement for RCC items.
- X9Utilities sample script "x9writerProcessor.bat" processes/renames files at a folder level.
- SDK is now compatible with OpenJDK (we are using Zulu8 in our development environment).
- X9Ware Installation Guide now consolidates associated topics from various other documentation.
- MailList www.x9ware.com/new-release-builds/ notifies when new builds are available.
- MailList www.x9ware.com/new-candidate-builds/ notifies when new candidate builds are available.

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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