

X9Ware LLC Announces X9Assist R4.08 with CPA005 Support

X9Ware LLC is pleased to announce the general availability of Release 4.08, which includes enhancements to our X9Assist suite of desktop tools, our X9Utilities command line tool, and an updated SDK.

FYI to all of our users that X9Ware tools do not utilize LOG4J for logging, which has been a concern given the recent Log4j CVE-2021-44228 Vulnerability, identified within the industry on 12/9. Our logging is instead based on SLF4J with JUL (the Java Utility Logger). Please contact us if you have any questions on this topic.

X9Assist and the SDK have added broad support for the Canadian CPA005 (Electronic) EFT file format, as published by the Canadian Payments Association. We support all CPA005 transaction types (debits, credits, reversals, returns, and change notices) for all X9Assist tools including validate, modify, repair, make/generate, search/replace, import/export, merge, etc. This is a full implementation that is built on the common User Interface as already implemented for X9.37 and ACH. CPA005 is a new licensing option and represents our third file dialect. We have a stretch goal to implement ISO20022 as our fourth dialect in 2022.

An updated X9Assist Item Viewer has significant enhancements that can be used to manipulate TIFF images attached to X9.37 items. The Item Viewer has tools for export, copy, replace, repair, rotate, flip, swap, sharpen, blur, and de-skew. These tools are not meant to be a full function image editor. However, they provide a better set of basic tools, with the option to export-replace images using your own external image editor.

X9Validate/X9Assist “Modify” now runs a full file validation when each record is modified. This is much better than the more limited field level edits that were previously used. By running a full file validation, we now provide full and immediate feedback as to the results of every field change. This enhancement became possible given various performance changes that have been implemented over the last several releases.

X9Assist “Make” is a bit more forgiving when you are creating your own custom image templates. There is no longer an absolute requirement that templates be saved at 240 DPI; they are now automatically resized.

Perhaps you will notice our usage of a new mono-spaced font that is being used by X9Assist, which we feel represents a significant visual improvement. You will especially see this in the Field and Record Viewers. This new mono font still has the highly desirable slashed zero, which we feel is important to recognize 8 vs 0.

X9Assist/SDK have a new facility to convert ACH files to the Pain.001 (credit) and Pain.008 (debit) transfer formats. This was largely as an educational effort for us, as part of establishing a technology basis for our ISO20022 support, which is planned for a future release.

X9Utilities -update has a new external table lookup process, which provides more flexibility for field value assignments; -merge has new options to optimize the order that files are selected for the merge process.

R4.08 moves our Java support from Java 11 to Java 17, which is the most current Long-Term-Support (LTS) release finalized by Oracle in September 2021. Our X9Assist builds are based on Azure OpenJDK 17.

Please help spread the word about our products! We now offer a referral credit of up to \$500 for each new customer you send our way. Just notify us within 7 days of our first contact date for each newly established customer. Referral credits are provided at the time of your next renewal.

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.

Contact:
X9Ware LLC
sales@x9ware.com
844 937-1850