

X9Ware LLC Announces R5.04 with Notable Enhancements

X9Ware LLC is pleased to announce the general availability of Release 5.04, which includes enhancements to our X9Assist suite of desktop tools, X9Utilities command line, our SDK, TIFF-KIT, and E13B-OCR recognizer.

X9Assist has substantial usability improvements. The Field Viewer now formats amounts with the leading dollar sign, commas, and the decimal point, making them much easier to read. X9Assist has an improved mechanism to associate popups with the most recent user dialog window. We have begun work to remove the client name from the license key calculation, which will ultimately simplify license key registration. Finally, X9Assist has been run within an Alpine Linux container and we have posted an example video on our website.

For X9Assist x9.37, there is a new Swap Images tool that can be used to exchange front and back images either within an item, across multiple items, and even across bundles or cash letters. This new tool can be very helpful when creating negative use-case files, or to fix production files that were captured incorrectly. Based on user request, our IQA settings are now sticky across sessions with a simplified approach to enter customized values. By default, IQA will now be run automatically for both front and back images. This default setting was changed due to the increased IQA performance that was implemented in earlier releases.

For X9Assist ACH, there are several great enhancements. Batch service class (200/220/225) is now validated against items at the batch level. Our approach for EDI 820 payment validation has been completely rewritten, which applies against 820 payments embedded within type 7 addenda records. A new “nacha-site-validations” configuration has been added to our standard product, which simplifies setup of user specific validation rules, and especially when used in combination with the “RegEx” validation rule that has been added to our SDK.

X9Utilities has some new command line functions: -create can be used to write ICLs from images using our E13B-OCR recognizer, which will automatically assign MICR lines from front-side images; -translate reformats x9.37 files from one standard to another; -transcode applies simple modifications to an x9.37 file such as changing the character set (eg, EBCDIC to ASCII) or adding/removing the 4-byte length prefix; -ocr runs our E13B-OCR recognizer with results written to an output csv; and -qualify is a new function that inspects/repairs images for X9.100-181 compliance, with those results written to output csv file.

X9Utilities has numerous enhancements. Write now allows each credit to begin in a new cash letter (as an alternative to new bundles). Merge supports files that contain multiple cash letters, with a new select switch that filters input bundles based on file header content. Finally, Merge has a new command switch that directs output files and their respective bundle content to be written in the same sequence as they are encountered within the input folder (and not based on input file size, which was designed to maximize packing).

Finally, there are several SDK improvements. We have rewritten gray scale image thresholding, using enhanced Otsu and Adaptive algorithms. The SDK now supports Tiff 6.0 compression types 6 and 7 (JPEG). These will help image repair in both X9Assist and X9Utilities, as applied to those errant image conditions. E13B-OCR has improved read rates for certain images where noise has spilled into the MICR line.

Please take a look at the new release when you get the opportunity – there are a lot of great changes!

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 14 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, ACH, and CPA005 file formats. The product line extends from a free viewer to a suite of tools that include validate, modify, delete, make, generate, scrub, import, export, compare, merge, print, repackage, and numerous other functions. X9Ware LLC strives to provide the best tools in the industry and offers consulting services based on our 35+ years of industry experience.

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