

X9Ware LLC Announces X9Assist R3.04 with Scrub Image Enhancements

ST. LOUIS, Missouri (November 30, 2015) - X9Ware LLC announces the general availability of Release 3.04 of X9Assist (our Check21 image exchange desktop tool), X9Utilities (our command line tool), and the SDK (our Java software developer's kit). Enhancements have been made to Scrub, Make/Generate, Export, Compare, Print, and the SDK. Write to x9assist@x9ware.com to obtain an evaluation for any of these products.

The ability to retain existing MICR lines when scrubbing images has been substantially enhanced. Scrub has a new facility to "draw new images from templates and retain MICR lines" which replaces each image with a redrawn proxy while more accurately clipping and inserting the original MICR line into the clear band area of the newly drawn proxy image. This new facility performs significantly better than our previous implementation.

X9 rules have been enhanced to allow type 25 records to be identified as credits as is commonly used by x9 variants. Credits can be identified either using documentation type indicator values (in 25.9) or by a combination of routing (in 25.4 and 24.5) and transaction code (in 25.6). Once a type 25 record is identified as a credit, X9Assist will then automatically balance debits to credits within the x9 file.

The X9Writer facility within the SDK has been substantially enhanced to create x9 files that can be accepted by a larger number of financial institutions. Additional parameters are now available in x9 headers xml which can be used to set values for almost all x9 header, detail, and trailer records fields.

A complete list of R3.04 enhancements is as follows:

- Main panel status bar shows total item count (25,31,61,62) and not total checks.
- Make/Generate now creates credit images which include name/address, CAR/LAR, payee, etc.
- Make/Generate image draw has improved font size calculation for legal amount.
- Make/Generate can insert blanks into 25.6 MICR OnUs field from the use case file.
- Make/Generate can now utilize system defined fonts when drawing image text fields.
- Scrub image retaining the MICR line is much faster to support large volume runs.
- Print Images includes x9 file name in the page footer when footers are enabled.
- Export to XML can export images to an external folder with file names in 52.19.
- Export to CSV/XML has new option to automatically clear the output image folder.
- Export to CSV/XML optionally creates a multi-page tiff with the front/back images.
- Export supports more than two images per item and image formats other than tiff.
- Search/Replace can replace a value with blanks and confirm intent on that action.
- Search/Replace can select all possible values within search fields.
- Search/Replace can forcibly assign replacement values as lower case.
- Repair of Aux/MICR OnUs replaces invalid characters with "*" as unreadable.
- Type 25s can be identified as credits in x9rules using the documentation indicator or a combination of routing and transaction code.
- Compare improvements when multiple record differences exist within an item group.
- checkFormats.xml changed to use "serif" instead of "arial.ttf" for various fields.
- Program Options now sets image repair/resize actions for import/make/generate.
- Properties settings can be bundled with the SDK or assigned externally from xml.
- SDK resources (images, rules, xml, etc) are self defining with optional override.
- X9Utilities -export has command line switches to export data and images to xml.

About X9Ware LLC

X9Ware LLC (www.x9ware.com) provides extensive tools for users of the various x9.37 file specifications. The product line extends from a free x9 viewer to 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 that are based on our 35+ years of industry experience.

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