

## **X9Ware LLC Announces X9Assist R4.10 with an Improved Cross-Platform Theme**

X9Ware LLC is pleased to announce the general availability of Release 4.10, which includes enhancements to our X9Assist suite of desktop tools, our X9Utilities command line tool, an updated SDK, and the X9.37 TiffKit.

X9Assist has a more modern, cross-platform theme (look and feel) which is our new default. The change is subtle but also easier to read. Along with this, a font size setting on the toolbar can be used for further customization. This new theme includes an associated dark mode. Along with these two new UI themes, our previous Windows UI theme is still available and can be selected via program options.

X9Assist has a new Windows “build” installer, in addition to our existing MSI “setup” installer. The build installer can be run in either USER or ADMIN mode. It can optionally install a desktop shortcut and file associations when executed in either mode. Before, file associations were only available when running the MSI installer which required ADMIN rights. This should be beneficial in many environments.

X9Assist Filter Import has been rewritten to allow filter configurations to be defined and saved for reuse. This provides complete control over the csv column positions that will be used for item matching during import.

X9Validator+X9Assist can now add items to the system picklist based on the assigned error “identifier” which is visible on the Errors tab. This error filter can be manipulated with existing tools to add or remove items. The filter can then be used to include or exclude these items from a new file that is subsequently saved.

X9Validator+X9Assist will now include the bundle dollar amount total on the Items937 tab. The total is taken from the type 70 bundle trailer record (it is not computed). With this change, the displayed information now includes data fields from both the bundle header and the bundler trailer.

X9Validator+X9Assist will now issue a popup message when images fail binary decompression during item viewer operations. It is possible for an image to pass all TIFF validation rules and still have image decompression errors. In these situations, X9Assist displays the subset of the image that is available and issues a popup message that the image could not be completely decompressed for viewing. An entire list of the images with decompression failures can be obtained by running IQA when the x9.37 file is loaded.

X9Utilities has a new Make/Generate function, which mimics the corresponding X9Assist tool. This allows a reformatter/generator to be developed and tested using X9Assist and then run on a batch basis using X9Utilities. In support of complete compatibility, batch -make supports either CSV or Excel input.

This release contains numerous X9Assist usability improvements. The title bar includes license expiration date with a countdown as expiration approaches. The user home folder is added to the Open file chooser. There are new X9Rules and TIFF Rules editors that are very helpful for advanced users who customize their xml validation rules. The X9Assist internal security manager has been replaced with newer socket blocking technology, which simplifies installation on OSX/Linux. The CSV Editor has improved automatic column sizing, based on field content. Open-Recent allows individual entries to be manually removed from the list.

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### **About X9Ware LLC**

X9Ware LLC ([www.x9ware.com](http://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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