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| Products | FusionPro Desktop FusionPro Designer FusionPro Direct FusionPro Server |
| Release Number | 4.2 |
| Release Date | June 5, 2007 |
| Customer Support | For more information or support, please contact us at fusionProSupport@printable.com |

Introduction

This document contains the release notes for the FusionPro 4.2 suite of Variable Data Printing solutions. The following sections describe the release in detail and provide late-breaking or other information that supplements the main documentation.

FusionPro 4.2 is a complimentary upgrade for all FusionPro 4.0 and 4.1 customers. Serial numbers for FusionPro 4.0 and 4.1 can be used to install the FusionPro 4.2 product.

Note that the FusionPro Web, the Printable Web to Print solution, is currently undergoing QA testing with the FusionPro 4.2 VDP engine to ensure there is no interruption to your business operations. At the time of release of FusionPro version 4.2, it is recommended that FusionPro 4.1 be used for templates that are to be uploaded to FusionPro Web. Printable expects 4.2 to pass QA testing in the FusionPro Web system shortly after this release so look for forthcoming information from Printable Technologies regarding when FusionPro 4.2 templates are supported in the FusionPro Web production system.

What's New?

A number of enhancements, including support for Adobe Acrobat 8 on the Windows platform, support for Microsoft Windows Vista, a greatly enhanced JavaScript rules editor, and inclusion of the OneCode Intelligent Mail postal barcode are included in this release. In addition, issues discovered in the FusionPro 4.1 product have been addressed.

Obtaining FusionPro 4.2 Software

The FusionPro 4.2 installer can be downloaded from the Printable Technologies website at the following locations:

Windows

<http://www.printable.com/downloads/FusionPro/Win32/>

Mac

<http://www.printable.com/downloads/FusionPro/OSX/>

Installing FusionPro 4.2

To install FusionPro Desktop 4.2, please follow these steps:

- 1) Close Adobe Acrobat, InDesign, and QuarkXPress if they are currently running
- 2) Uninstall your current version of FusionPro. On Windows, this can be done from Add/Remove Programs. On Mac, there is an "Uninstall FusionPro" icon in the Printable installation folder to uninstall the product.
- 3) Once the un-install process is complete, launch the 4.2 installer program.
- 4) Use your current 4.0 or 4.1 serial number when prompted during installation.
- 5) After installation, open Adobe Acrobat and verify that the "FusionPro" menu is visible. This indicates that the installation process was successful.
- 6) If you use the FusionPro barcode fonts in your VDP templates, run a "Load Fonts" process by going to FusionPro -> Advanced -> Load Fonts

If you experience any problems during installation, please contact FusionPro support at fusionProSupport@printable.com.

Feature Enhancements

Support for Adobe Acrobat 8 on Windows

The FusionPro Desktop and Designer plug-ins for Adobe Acrobat now support version 8 of Acrobat. Note that the Printable Development team is actively working on support for Acrobat 8 on the Mac OS X platform which has changed quite considerably from Acrobat version 7. Acrobat 8 Mac support will be released in an upcoming release of the FusionPro VDP suite.

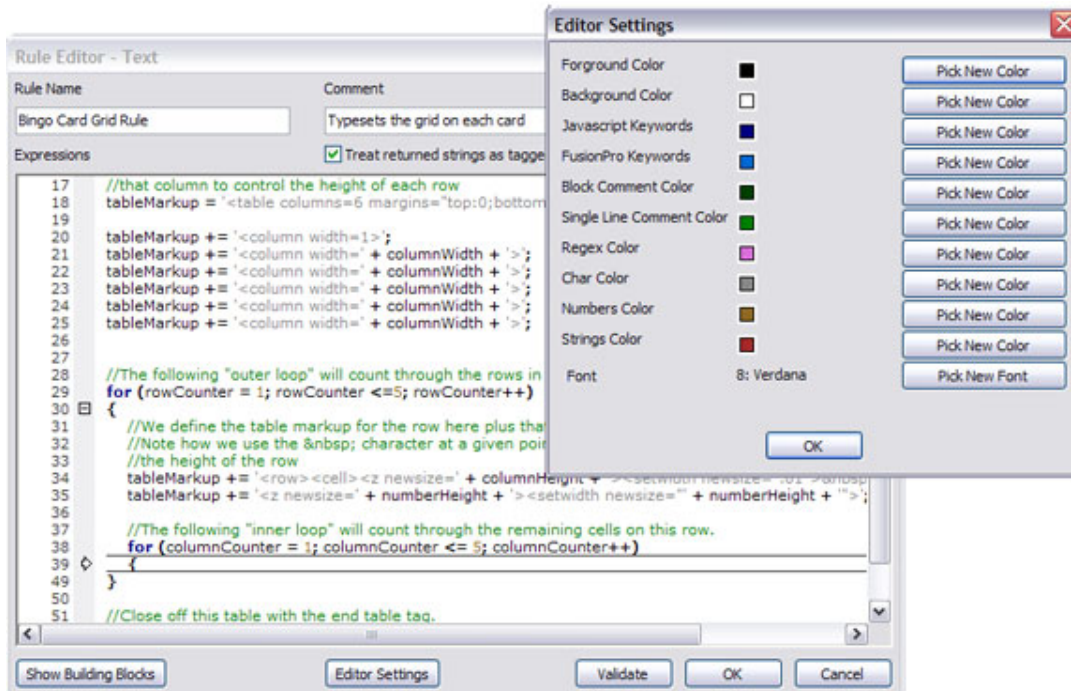
Support for the Microsoft Windows Vista operating system

FusionPro Desktop and FusionPro Server now officially support the new Windows Vista operating system.

Enhancement to the FusionPro JavaScript Rules Editor

Extensive enhancements to the JavaScript rules editor, one of the four rules creation interfaces in the FusionPro product, are featured in this release. These enhancements include the following:

- Configurable JavaScript syntax coloring and typeface
- Code auto-completion (editor suggests possible JavaScript syntax)
- Code folding (collapse large code segments)
- Find and Replace (with Replace All option)
- Code indentation memory (auto-tabs to last tab level)
- Undo/Redo
- Tab block Indent (selected text block tab/un-tab)
- Line Numbering
- Block select (holding alt key)



Addition of the Intelligent Mail® Postal Barcode

The Intelligent Mail barcode font (formerly known as "OneCode" and "4-State") is included with this release. In addition, a new JavaScript function, `MakeOneCodeBarcode()`, is included to encode data into the format needed for this barcode. This new barcode combines the benefits of POSTNET with PLANET while taking less space on the piece being produced. It will be a requirement for postal automation discounts in early 2009.



Support for Eight Media Page Inserts for VDX Output

Users of the VDX output format now have the ability to select from 8 Insert type pages for tray pulls. These new inserts, numbered "Insert1" through "Insert8" are available from the "Page Media" settings under the "Advanced" menu when VDX is selected as the VDP output format in the Composition Dialogue.

Support for Spot colors in FusionPro Chart Output

Spot colors are now fully supported in FusionPro chart output. To utilize spot colors with charts, define a spot color in the FusionPro template and then associate that color with the appropriate chart component which the chart is requested for.

Issues Resolved

'Fit to Shortest Edge' graphic scaling value not working in some instances

The variable graphic scaling option 'Fit to Shortest Edge' was not properly scaling images when a portrait oriented image (higher than it was wide) was requested to fit into a landscape oriented frame (wider than it was high). Graphics will now properly fit into these frames with clipping and horizontal alignment being honored. FP-10060

JLYT imposition overlaps on abutted items with bleed

When items with bleed are imposed with explicit instruction to remove bleed between abutted items, JLYT output was showing an overlap of bleeds rather than an exclusion of that bleed. This has now been addressed. FP-10363

Color changes of variable text in JLYT output

In rare instances, it was noticed that color of some variable text shifted to black throughout a job when no color change was requested of that text. The issue has been identified and addressed. FP-10381

Some images shifted in imposed JLYT output

Some images that had a specific internal declaration of their clipping paths were not being honored correctly in imposed JLYT output. The result was an apparent "shift" of the image when the JLYT was RIP'd and printed. Images with this type of clipping path declaration will now be correctly honored resulting in output that is as expected. FP-10417

'Page Info' data sometimes not appearing on imposed JLYT output

An issue where the 'page info' setting was not displaying in imposed JLYT output was observed. This information will now appear as expected. FP-10541

Quark 7 Mac template export corrupted FusionPro preferences files

An issue was observed where exporting from Quark 7 on the Mac sometimes resulted in a corruption of FusionPro preferences files on the Mac OS X platforms. This issue has been addressed. FP-10523

Some collected Mac fonts were not available to FusionPro Server composition

When a font was requested in a specific manner in the FusionPro template, which was designed in FusionPro Desktop on the Mac, collected with the fonts, and sent to a FusionPro Server based system, the font would not load correctly by FusionPro Server for use in the composition of this template even though the font was correctly collected. The fonts specified in this manner will now compose properly with FusionPro Server. FP-10540

Missing end table tag causes a crash

When the required end table markup tag (</table>) was missing in table markup, the result was a crash of the composition process. The absence of the end table tag will no longer cause a crash. FP-10550

'Suppress if containing empty variables' not working in tagged input

When tagged input was used and a <story> was defined for a variable but that <story> did not contain a value, the 'Suppress if containing empty variables' feature was not suppressing the variable line. This issue was also seen in FusionPro Web for versioned items when this feature was used. The paragraph will now suppress in these cases. FP-10556

Record selector in the preview dialogue reverting to record 1 after viewing rules dialogue

With preview mode enabled and a select record being previewed in FusionPro Desktop, opening up the rules dialogue and then exiting this dialogue resulted in the preview dialogue reverting to record 1. This will no longer occur - the selected record will still be visible after opening and closing the rules dialogue. FP-10559

Define HTML Form feature sometimes outputs spaces at the end of field names in the XML form information file

The 'Define HTML Form' in FusionPro Desktop, used by template designers to specify an HTML input form for the template when deployed as a versioned item in a custom Web to Print environment, sometimes output spaces at the end of field names in the XML data that this interface outputs. This resulted in errors in parsing the XML data. Extra spaces will no longer be added for these select instances. FP-10563

Default value for fields defined in 'Define HTML Form' not accepting more than 256 characters

In using the 'Define HTML Form' feature, specifying more than 256 characters for the default value of a field resulted in invalid XML representation of that data. The max size of default values has been increased to alleviate this issue. FP-10574

Some special characters were not exporting correctly from Quark and InDesign export plug-ins

An issue with special characters not exporting from the Quark and InDesign export plug-ins was discovered. These characters include "curly quotes", apostrophes, and the Euro symbol. The issue deals with the encoding of these characters for some fonts. It has now been addressed and will export as expected. FP-10572/FP-10599

Composition crash when attempting to hyphenate select text

A rare case was discovered where a certain piece of text in a template was causing a crash of the composition upon an attempt to hyphenate that text. This issue has been addressed. FP-10573

VDX composition allowed user to specify output file names with illegal characters

When composing VDX output, the FusionPro product allowed the user to specify file names that had illegal characters in the file name. The result of non-enforcement of the file names was a crash when RIP'd. FusionPro will now enforce the legal characters that can be used when composing VDX output.

Known Issues

Acrobat 8 Windows, set to "Show each document in its own window", is not showing the FusionPro plug-in as being installed.

When Acrobat 8 on Windows is set to "Show each document in its own window", a setting available in Edit -> Preferences and then in the "Documents" area, FusionPro Desktop will not display in Adobe Acrobat 8. This is an Acrobat 8 issue that is beyond the control of Printable Technologies at this time. FusionPro Desktop 4.2 will install into Acrobat 8 on Windows by ensuring that this Acrobat setting is disabled (un-checked).

Upon a manual "Load Fonts" process in Microsoft Windows Vista, fonts are not loaded.

This issue was seen in QA testing. It has been determined that this is due to new security settings in the Vista operating system regarding accessing system fonts. In all cases that this issue was seen in, running another "Load Fonts" process resulted in the correct loading of fonts by FusionPro version 4.2

IDAutomation barcode fonts not loading in Microsoft Vista in some cases

This issue is related to the above issue with Vista's handling of fonts. If a user sees this issue, they should remove the IDAutomation barcode fonts from the Windows font folder, place those font files in a temporary folder location, re-add the fonts into the Windows operating system (or font management application) and then run a load fonts process again.

