Loftware Label Manager Version 12.0.2 Release Notes August 2018

What new features are available in this release?

SATO SBPL Family Driver: A new, native family driver that supports SATO's SBPL printer language is included in this release. This Family Driver also includes Cross Model printing capabilities for printers that support SBPL, so that a label designed for a named SBPL model can be printed to the SBPL Family Driver, and vice versa, a label designed for the SBPL Family Driver can be printed to a named printer model that supports SBPL.

Cross Model Printing for ZPL II: Cross model printing capabilities have been included in the ZPL II Family Driver so that a label designed for a named ZPL II printer model can be printed to the ZPL II Family Driver, and vice versa, a label designed for the ZPL II Family Driver can be printed to a named printer model that supports ZPL II.

Cross Model Printing for IPL: Cross model printing capabilities have been included in the IPL Family Driver so that a label designed for a named IPL printer model can be printed to the IPL Family Driver, and vice versa, a label designed for the IPL Family Driver can be printed to a named printer model that supports IPL.

Barcode and Human Readable Positioning: Horizontal and vertical positioning settings have been added for barcodes and their human readable text. Horizontal positioning settings include Left, Center, and Right, while vertical positioning settings include Top, Center, and Bottom.

Image Positioning: Horizontal and vertical positioning settings have been added for variable images. Horizontal positioning settings include Left, Center, and Right, while vertical positioning settings include Top, Center, and Bottom.

Field Name View: This enhancement offers a new view of a designed label in the Loftware Label Manager that presents the field names and the data source for each variable object on a label.

Enhanced JavaScript Engine: The scripting engine in Loftware Label Manager and Design32 has been replaced, resulting in significant performance improvements when processing scripts and printing labels.

What fixes are available in this release?

Barcode related fixes:

- Resolved an issue printing Native QR Code barcodes with serial number data sources.
- Resolved an issue to enable the SBPL Family driver to print Maxicode Mode 3 barcodes.
- Resolved an issue where alpha characters were not encoded in the QR Code barcode when the alpha character appears after 6 or more characters in the barcode data.
- Resolved an issue when printing Interleaved 2 of 5 barcodes on the LPS Monarch 9416 driver.
- Resolved a batch print crash when international characters are included in the barcode data.
- Resolved an issue where the Barcode Wizard was stripping symbols (-, +, etc.) from GS1-128 barcodes.
- Added the ability to turn off the UCC Mod10 check digit when using the barcode type GS1-128 Generic
- Resolved an issue where the Bar Code Wizard was generating an error when a language other than English (United States) is selected in the Windows Regional and Language Settings

Design related fixes:

- Resolved an issue with viewing .IMG type images in design and successfully printing the .IMG images on the label.
- An improvement was made in design to the present the actual EEC values rather than the abbreviated versions displayed for the SATO driver.
- Improvements were made to resolve a crash that was occurring when the Barcode Wizard was launched in Design32.
- Resolved an issue with Textbox Dynamic font size which was not shrinking text to fit on a single line with Paragraph property was set to No.
- This enhancement offers a new view of a designed label in the Loftware Label Manager that presents the field names and the data source for each variable object on a label.
- Horizontal and vertical positioning settings have been added for variable images. Horizontal positioning settings include Left, Center and Right, while vertical positioning settings include Top, Center, and Bottom.
- Horizontal and vertical positioning settings have been added for barcodes and their human readables. Horizontal positioning settings include Left, Center and Right, while vertical positioning settings include Top, Center, and Bottom.
- Resolved an issue in Design where updated PNG images were being displayed without the latest changes.
- Resolved a Design crash, resulting from a field with a formula with an un-terminated string.
- Resolved an issue to enable text boxes to correctly honor the "Remove Hard Line Breaks" property.
- Resolved an issue related to Windows drivers printing UTF-8 TTF paragraph fields located off the label.
- Resolved an issue where text fields that should be centered are right justified when the label is rotated at 180 and 270 degrees.
- Resolved an issue with viewing .IMG type images in design and successfully printing the .IMG images on the label.
- Resolved an issue where multiple database password prompts are presented to the user when attempting to preview a label.
- Resolved an issue where leading characters were not being presented for a field with the "Leading zeros" padding option property enabled, in the print preview in Design.
- Resolved an issue related to the use of the QUANT() function in formulas and the **QUANTITY field in a script together in Design.
- Resolved WYSIWYG issues when printing to PDF Windows Driver using TTF with real data versus test print for rotated fields.
- Updated the UPSLabel.exe available in the LPS Labels, Samples folder with compressed file extraction and creation so it is now UPSLabel.zip.
- Resolved an issue that transposed the height and width of images having a transparent background, potentially truncating the images.

Epson ESC/Label Driver related fixes:

- Resolved an issue with printing color images from stacked jobs with the Epson ESC/Label driver.
- Resolved an issue with the Epson ESC/Label driver to correctly apply transparency to color images.
- Updated documentation to present the correct default option for borderless printing with the Epson ESC/Label driver. Borderless Printing PSO checked should be the default setting. Customers with existing labels that have the incorrect default setting applied, where Borderless Printing PSO is unchecked, will need to change this setting to checked when upgrading.

Printing related fixes:

- Resolved an issue in which black text was printing with blue and red shadows when printing to a Windows driver.
- Cross model printing capabilities have been included in the SBPL Family Driver so that a label designed for a named SBPL printer model can be printed to the SBPL Family Driver, and vice versa, a label designed for the SBPL Family Driver can be printed to a named printer model that supports SBPL.
- Resolved errors that may occur when importing newer Zebra RFID printers.
- Improved Status print error identification and messaging to include instances when all data has not been transmitted.
- Improved the ZPL II family driver and the Xi4 and RXi4 native drivers to support new print speeds.
- Improvements were made to the printer configuration process to restrict unsupported characters in the Printer Alias.
- Modified Intermec Direct Protocol family driver to support the PM4i and PM43 printers.
- Resolved an issue related to printer configurations for Media Type.
- Resolved an issue where LPS was retaining the last value for *INDEX from jobs submitted by LWA and that was affecting the starting position of the jobs that used layouts but were printed by dropping.
- Enabled Stock Type PSOs for the SATO (SBPL) family driver.
- Resolved an issue affecting Windows printers that, after many labels had been printed successfully, began to cause some or all fields to be omitted from printed labels. This issue produced the following error: (M11199) Error creating image in bitmap.

Other:

- Resolved a LLM crash by only allowing one Advanced Options/PSO dialog to be open at a time. The open Advanced Options/PSO dialog must be closed because another can be opened.
- Resolved an issue related to running scripts with label data that has spaces as leading characters.
- Resolved an issue where adding additional statements to a script's if/else block caused Design 32 to crash when attempting to verify the script.

What issues are known about this release?

Differences between the previous scripting engine and the new scripting engine that replaced it in this release:

- The previous scripting engine used XPath XML queries, whereas the new scripting engine uses JSON queries and could present an Unexpected Character error.
- The previous scripting engine touched every field, whereas the new scripting engine only updates fields that are required per the script.
- The previous scripting engine allowed length to be a function on an array, whereas the new scripting engine does not support this and will result in an Expected Function error.
- The previous scripting engine trimmed spaces from every field, whereas the new scripting engine will not do this.
- The previous scripting engine supported the inclusion of CRLF in the XPath Query and successfully verified the script, whereas the new scripting engine does not support the inclusion of CRLF in an XPath Query (even though it supports CRLF) and will fail the script by presenting an Expected Identifier error.

Image positioning and the IPL Family Driver: As initially configured, only the default image positioning settings are supported when printing to the IPL Family Driver. That is, any images that have positioning set to values other than Horizontal Alignment=Left and Vertical Alignment=Top will print within the envelope but not in the expected location. To turn on full support for image positioning for the IPL Family Driver, edit the LLMWDN32.INI file. Find the [Int44XX] section, or create it if it does not already exist. In the [Int44XX] section, set UseAggregateImage=0. Please note that setting UseAggregateImage=0 may slightly reduce performance.

End of Support Notice for Windows Vista: New LPS family products (beginning with LPS 12.0) will no longer support Windows Vista. Customers running Loftware solutions on this operating system are encouraged to upgrade to Windows 10 or other supported operating systems.