

MINISOFT's eFORMz

RELEASE NOTES

Build #	Release Date	Enhancements / Modifications
00	02/07/12	Release 8.02 – eFORMz <ul style="list-style-type: none">- Support for Postscript printing and file output.- Resolved an issue with image printing through the Toolkits. The process would fail with an 'error null' condition.- Added the ability to include the rules or a document template from an external project.- Added trim option to barcode action. Trimming has always existed as the default, however, the option now permits one to disable this action.- Added support for gradient shading of textboxes to RTF parser.- Added support for Window's metafile images to RTF parser.
07	01/13/12	Release 8.01 – eFORMz <ul style="list-style-type: none">- Modifications made to Text2XML convertor preprocessor.
06	01/11/12	Release 8.01 – eFORMz <ul style="list-style-type: none">- Fixed problem with cursor positioning for HP2934 barcodes in data file.- Number of copies from project properties was not being used when printing with the print monitors. Fixed.- Images that were used in links and not from a URL displayed with a border in some email clients.- Implemented an external file selector function in the eFORMz Toolkits and Print Monitor. Custom external file selectors can be written and configured in the eFORMzCfg.xml to provide additional functionality for the processing and printing of files.- Replaced all executables with new versions which contained the splash screens for 2012.
04	12/21/11	Release 8.01 – eFORMz <ul style="list-style-type: none">- Fix applied to the save function when saving multiple times without using the editor (TextToXml preprocessor).- Table-lookup function not capturing values associated with an internal database when initially referenced. Fixed.- Display "sun.arch.data.model" (32 or 64) with JRE version in log file.- Several modifications were made to the local queue monitor in support of providing additional log tracing. Also added an automatic restart of a thread if an 'OutOfMemoryError' condition occurs.- Fixed the handling of a nearly empty input file that results in an index error trying to handle page zero of zero pages.- Only permit verbose mode in the Composer when TextToXML converter is specified.- Fixed an error condition which would result when performing a compare with non-repeating global variable.
03	12/13/11	Release 8.01 – eFORMz <ul style="list-style-type: none">- New sort option available on the File Selection statement within the configuration dialogs for all Toolkits. Options include sorting by filename (ascending / descending) or date/time file was last modified.- Fix applied when a project image was reported being used by a Load Image Action or Image Constant when it wasn't.- Metadata errors prevented certain images from loading. Fixed.- When the queue monitors were started in the Local Toolkit, the first logging tab was not selected. Fixed.- When a sort key was edited that had the group set and clicked on "OK" the group setting became unchecked. Fixed.- Added a new function named "Does file exist". It returns "yes" if the file exists or "no" if the file does not exist.- eDIRECT output can be set to have the output grouped (which was the current default) or not grouped. The selection is done with a check menu item on the popup menu for the output node.- The Archive eDIRECT Plus output now includes a reference to an "Archive". The "Archive" is similar to a "Database" in that it can be configured from within the project (new tab in project properties) or externally in a new "Archives.xml" file. This new configuration file consists of a name and a provider name and any other parameters specific to the provider.- Logging message to output configuration file and message fence added to Print Monitors.- Logging to Stdout in the Print Monitors stop working with 8.00.12. Fixed- A project that included a document template and multiple pages of input and you were viewing a page > 1, if another data file was opened that did not produce more than one page the view went blank. Fixed
00	12/01/11	Release 8.01 – eFORMz <ul style="list-style-type: none">- New document template content added. 1D and 2D barcodes, special fonts, text and page numbers can now be placed in document templates.- If the Printers.xml file was deleted and there was a limited printer license, nothing would get saved to this file. The issue appeared with release 8.00.13 and has since been fixed.- Modified some inconsistencies for the color of text in the title of titled boxes. All changed to a default of black.- Added new Windows service shortcuts for the 64-bit version of the Java Service Launcher (JSL).
14	11/21/11	Release 8.00 – eFORMz <ul style="list-style-type: none">- Applied fixes to image generation, where the form was being shifted but not the data.- A flag to generate multiple .tif and .gif images per file was not being set correctly. Fixed.- Image output now defaults compression if possible.- Text2XML preprocessor configuration is now stored within the project.- Added a complete list of new PDF output view options.- Addressed issues relating to the Text2XML convertor which prevented saving project changes.- Added a new character set entry to the FontSpecs file in support of Unix (ISO-8859-1).- Updated the release of the Java Service Launcher (JSL) from .099f to .099n.

		<ul style="list-style-type: none"> - Modified the Windows service configuration file (<i>jsl.ini</i>) to exclude unused entries. The service will be now be referred to as 'eFORMz Print Monitor' instead of 'eFORMz_6 Local Monitor'. - Updated the release of Java, which accompanies the product, from version 1.6.0_27 to 1.6.0_29.
12	11/02/11	<p>Release 8.00 – eFORMz</p> <ul style="list-style-type: none"> - Applied a fix for the command file parsing preprocessor routine. - Added missing "(user.dir 'minisoft')" parameter in default Submit Job command in AS/400 Toolkit. - Content Segments now use the UI (user interface) default font and size for the value text area. All the "Font" panels for the Document Template and subordinate objets show "Sample Text" in the selected font, size and color. - Host installs upload the contents of the "conversion_cfgs" subdirectory recursively. - Not all the error messages generated during printing were being logged. - Adjustments made to parsing of command files to eliminate white space and control characters. - Attempting to create a database output process within eDirect starting with a blank slate produced nothing. Fixed. - Added drag-n-drop function for Archive and Folder nodes. - Added new icons for the new eDIRECT nodes.
11	10/18/11	<p>Release 8.00 – eFORMz</p> <ul style="list-style-type: none"> - Added the "conversion_cfg" subdirectory to host installs - Database configurations stored in "Databases.xml" will be shown in combo boxes of any configuration that uses a database. - Added Database output functionality in eDIRECT Plus. The purpose of the Database output is to provide the ability to redirect output to a database. The configuration for the "Database" node includes the database name (either configured in the project or the "Databases.xml" file) and the "Auto Commit" checkbox. - Text To XML modifications: <ul style="list-style-type: none"> • Save Size and Position with on-screen check • ToolTips on line number for current state and level • Multi-Item copy and move with drag-n-drop feature • Highlights grey outline for parameters, with yellow highlights on line • Grid lines across multiple Loading a form from an image file did not work correctly. Fixed • Remove details of lines on output display for non-leaf notes • Line drop down on State editor, matched the order of the Lines tab and not in alphabetical order • Rebuild state root on tag change • Confirm changes before exit • Refresh data on exit • Change color of selection to match eFORMz Composer Viewer color • Blue "green bar/grid" changed to light gray • Change selection highlights to outline highlights instead of background highlights – similar to the Data Viewer data selection • New lines should be added to the bottom of the list • Do not move caret position of sample data when highlighting • Added active and deactivate options – with a check-box option • Allow one to search for a character or string of characters on a given row. Not a fixed position or starting column. • Test and save are now separate • File selection dialog includes both .ffp and .xml extensions
09	10/06/11	<p>Release 8.00 – eFORMz</p> <ul style="list-style-type: none"> - Loading a form from an image file did not work correctly. Fixed - Fixed issue with "Retry" state parameter in TextToXML preprocessor. - Added 'drag-n-drop' to the Lines tree within the TextToXML configuration editor.
08	10/05/11	<p>Release 8.00 – eFORMz</p> <p style="text-align: right;">eReader – 08.0.00 OnDemand Print – 1.0.1</p> <ul style="list-style-type: none"> - Support for processing XML formatted files as data input and output. - Support as data input EDI (Electronic data interchange) type files. - Major changes have been made to the eDIRECT module in both the method of configuration and features. These changes include the following: <p style="margin-left: 20px;">The drop-down selection or use of the "wizard" icon has been replaced with a tab option from within the project tree. Multi-line tooltips have been added to the tree and variable nodes associated with this enhancement. For pre-8.0 projects utilizing eDIRECT, the old 'wizard' method of access to this module is still available. New projects will reflect only the new method of entry.</p> <p style="margin-left: 20px;">Full conditional logic capability is now available. Prior versions only permitted conditional checks on whether a field was blank or not.</p> <p style="margin-left: 20px;">Printers can be defined with a reference name so that the actual printer used can be changed without having to modify the Toolkit configuration file or the project.</p> <p style="margin-left: 20px;">Multiple jobs (file / print output formats) can be specified on a single print or fax process</p> - <i>Special Note: The order of the elements in the old version of eDirect is now critical!</i> - eDIRECT Plus – an enhanced version of eDIRECT which provides additional functionality and capabilities beyond the standard module. These enhancements include:

- Support for HTML (inline) email
- More than one body can be specified in an email
- More than one attachment can be specified in an email
- Support for SMS communications for text notifications and alerts
- Delivery actions can be performed { Delete / Notify / Dispatch } on emails

- **eSUBMIT** is a new command line program that will copy the standard input to a directory or an IBM Websphere message queue. Optionally it will also create an eFORMz command file that will specify how to process the data file. It's use and functionality can be referenced in the appendix section of the eFORMz manual.

- Support for the QR (Quick Response) barcode - a very efficient, matrix or two-dimensional (2D) barcode that is commonly used with smart-phone devices to direct users to additional information about a particular product. The information encoded may be text, URL, or other data.

- Added two new pre-processors to the eFORMz configuration file (eFORMzCfg.xml):

- * Flat File Parser – ability to parse as input comma delimited or EDI formatted files
- * Text to XML Converter – converts text files into “industry standard” XML formatted data

- Additional logging added in support of monitoring the renaming of a print file to a held state (.hld).

- eFORMz can now support custom page dimension specifications. User-specific specifications can be added to the eFORMzCfg_User.xml file.

- Automatic cell padding is now set to zero. This is not the typical browser default, so use “Explicit” mode to force it.

- Box component has new width and height settings.

- Modifications made to the FontSpec.xml file in support of MODCA (IBM's AFP and IPDS) input fonts.

- Output record grouping has been added to the SORT tab.

- Several new actions were added for placing page numbers in output:

“Page number within group” – the number of the output record within a group based upon sort specifications

“Number of pages in group” – the total number of output records within a group based upon sort specifications. If there is no grouping specified in the sort specifications, the number is meaningless.

“Page number within document” – the number of the page produced from a document template when formatting the document for page oriented output.

“Number of pages in document” – the total number of pages produced for a document template when formatting The document for page oriented output.

- New option added on table rows to specify the use of the row:

“Normal row” – the row is to be used in its declared position in the table. This is the default and new rows and all rows in current projects will have this set.

“Page header” – use this row as the first row on the page when a table is split because of pagination.

“Page footer” – use this row as the alst row on the page when a table is split because of pagination.

- Extra configuration settings were added for all 2D barcodes allowing more control of their dimensions.

- Host installs to Linux/Unix and IBM's iSeries server now come with an option to include a copy of the /fonts folder from the Windows install and an option to clear the remote /jars folder.

- Support for generating IBM's AFPDS formatted spoolfiles.

- Page rotation for IBM's AFPDS or IPDS input files.

- An input object or data node (string of text) can now be defined as a variable or rule directly from the data editor pane without having to perform a character block selection. This new feature can be especially useful for capturing objects imbedded in the original print file, such as barcodes. Special note: text is broken up into separate objects when there are more than two spaces between characters.

- Conditions can now compare against one of the following occurrence(s) of a variable: { Any / All / First / nth }

- Document templates can now be styled using CSS (Cascading Style Sheet) files. These files describe the 'look and formatting' of a document written in a markup language.

		<ul style="list-style-type: none"> - The output viewer now includes an option to display a grid which includes 'snap selection to grid' for easier placement of text, barcodes or images. - Input queues, specified within the configuration file of the Toolkit, can now be named to better identify the selection location. - Support for several new input queue types for IBM Message Queues (Websphere MQ) and Remote queues via SSH and secure FTP. - Many of the selection icons from the Composer taskbar were replaced with icons depicting better graphical images. - File output can now be directed to image files. The following formats are now supported { TIFF, JPG, PNG, BMP }. If multiple pages are specified then the corresponding image filenames will include an extension (_1, _2, _3, etc..) - "Printer not accepting data" error is ignored. - Added 'Cancel' button to the confirmation dialog to Adjust Coordinates for changes to CPI or LPI. - Toolkit processing has changed the way it handles multiple output processes under a single project. The previous method was to process each output process sequentially. This meant that the data was re-read for each output process and if an error occurred in one of the output processes, other processes ahead of it could have completed. Effective with this release all output processes are executed in parallel so that the data file is only read once and an error in any output process will halt processing of the project at that point. - The Toolkit will now buffer input from remote data files so that if there is more than one project configured to process the data file it will only be transferred once. - A condition can now be added at the project level, which once the condition becomes <i>false</i> the project halts execution. General use would be to set a condition based upon a variable defined on the <u>first</u> and subsequent pages of input data instructing the project to execute. It can also be used to halt execution at any point during processing. For example, if you wanted to process your print file until a certain page caused a 'false condition' to occur. → Special Note: Project conditions are ignored when viewed from the Composer. - Added error message display when a parsing error is encountered in a css file. - Noted in the JRE (Java) report line whether the user is running the Composer under a 32 or 64bit operating system. - Updated the release of Java, which accompanies the product, from version 1.6.0_23 to 1.6.0_27.
22	06/13/11	<p><i>Release 7.05 – eFORMz</i></p> <ul style="list-style-type: none"> - Some Linux, Unix and Mac OS's have a bug in the Java print lookup facility which won't locate a printer by name. This work-around addresses this issue. - Modifications made to the log file to support additional error checks.
20	05/31/11	<p><i>Release 7.05 – eFORMz</i></p> <ul style="list-style-type: none"> - Support for variables within a HTML link.
18	05/18/11	<p><i>Release 7.05 – eFORMz</i></p> <ul style="list-style-type: none"> - Fixed problems which resulted in the viewer output to display differently than the HTML output. Some project that use a table within a table cell may need to have the width of the outer cell adjusted (increased by the sum of the left and right borders) for the HTML to appear correctly.
16	04/28/11	<p><i>Release 7.05 – eFORMz</i></p> <ul style="list-style-type: none"> - Using fonts in .ttc files caused an error condition when printing. Fixed - If the color and/or font for a content segment was set to automatic, the default from the containing element was not used when outputting to HTML. Fixed. - The "Active in Viewer" for a database has been changed to "Active in Composer". As a result, if a database is marked as <i>not active</i>, any output performed from the Composer will not reference a database. Prior to this change only outputting to the Viewer did not reference the database. - Tab positions in .RTF files are supported with the exception of decimal tabs.
15	04/19/11	<p><i>Release 7.05 – eFORMz</i></p> <ul style="list-style-type: none"> - A new system variable was added "Raw Page Data" that will contain all the data from the input page concatenated together. The variable is dynamic in that its content is not calculated unless the variable is actually used. - Modification made to recognize ".ttc" as a font that can be encoded as Unicode. - Data would shift out of alignment for certain multi-byte characters depending upon the dpi setting which was referenced in the viewer. Discovered that this was an issue with Java's JRE. The fix was to position each character explicitly along with some optimization in the screen output to avoid this in the future.
13	03/14/11	<p><i>Release 7.05 – eFORMz</i></p> <ul style="list-style-type: none"> - Added the attribute "border=0" to the image tag to disable the border which would appear on linked images for HTML output. - When reading in projects created in version 6, the input/output character set option was not configured the same as

		originally configured in the project. This has since been corrected.
12	01/20/11	Release 7.05 – eFORMz - Character set was not being properly set in the email header. Fixed. - Provided an option to enable SSH2 as a connection to Unix/Linux servers. In prior releases this was the required method of connectivity where as the default now is FTP.
11	01/17/11	Release 7.05 – eFORMz - Images were not being loaded based upon the repeat value of a variable. Fixed
10	01/05/11	Release 7.05 – eFORMz - An opacity value in certain RTF files caused an illegal argument exception error. Fixed - Replaced all executables with new versions which contained the splash screens for 2011. - The banner generated in emails produced by eDirect has been removed.
09	12/29/10	Release 7.05 – eFORMz - Logging tabs in Local Toolkit did not work correctly if one or more of the outputs was disabled. Fixed. - Updated the release of Java, which accompanies the product, from version 1.6.0_21 to 1.6.0_23.
08	12/08/10	Release 7.05 – eFORMz - Vertical text in RTF output would not display correctly. Fixed. - Updated the FontSpecs file with entry supporting Canada Post's Code128 barcode for Ecometry. - Added 'Bulk Concatenate' as a new variable function to permit searches on large sections of text or to display the text in a string format.
07	12/03/10	Release 7.05 – eFORMz - If the forward page arrow was pressed in the viewer until it disabled itself and the "Display Forms and Data" was selected, the forward arrow would not be re-enabled and the reverse arrow remained enabled. Fixed. - If a node was collapsed which had children that were expanded and the project was saved and re-opened, the children for the node were not expanded. Fixed.
06	11/30/10	Release 7.05 – eFORMz - If a network drive (UNC path) was specified for the project selection in the Local Toolkit an error condition would occur indicating that the file could not be found. This has been resolved.
05	11/29/10	Release 7.05 – eFORMz - Certain conditions caused the Composer to freeze when opening a project from a prior release. Fixed.
04b	11/22/10	Release 7.05 – eFORMz - Fixes a problem with the Remove button on the Images panel of the Project properties dialog.
04	11/09/10	Release 7.05 – eFORMz - Modifications made to the file selection process of the print monitor for all Toolkits. This has resulted in a considerable improvement in the speed of locating and processing selected files. - Updated the FontSpecs file with the changes supporting the FedEx (PDF417) barcode for Ecometry.
03	11/08/10	Release 7.05 – eFORMz → <i>Special note: Java Release 5 (1.5) is now required on iSeries (AS400) & Unix/Linux servers running eFORMz.</i> - New Document Template (dynamic form) functionality provides an easy method for generating enhanced html output. These templates can contain any number of document components, which are broken down by <i>paragraphs</i> , <i>boxes</i> and <i>tables</i> . <ul style="list-style-type: none"> • <i>Paragraphs are comprised of content such as text & images</i> • <i>Boxes can contain any number of document components. It's main use is to format components in the same manner (ie: font, color, margins, borders, etc..)</i> • <i>Tables can contain any number of rows with each row comprised of any number of individual cells. Table cells can accommodate any number of document components.</i> - A number of changes have been made to the eFORMz Windows Port Monitor: Monset - now adjusts the registry key for the port monitor to permit full access. Efzmon - corrected a problem with slow directory searches for the capture directory. Also removed the requirement that the port name had to be referenced as 'EFZn', where n=0 to xx. The port name can now be anything you wish as long as it ends with a colon ":". Also fixed a bug that would cause efzmon port(s) to disappear from the port list if one unchecked the port. → Current port monitor users need to stop the Print Spooler service and copy 'efzMon.dll' file to their Window System32 directory and then restart the service. - Projects are now cached in memory for each input queue associated with the Print Monitor. This should improve response times, especially when the number of files processed by the merge, referencing the same project, is substantial. - Modified the host install for Unix/Linux, adding a drop-down list to manually select the host type. By default this is set to automatic. - Added 'File Header / File Trailer' fields to the eDIRECT Print option and 'Fax Trailer' to the Fax option dialog screens. Special codes or commands (ie: PJL) can now be added to prefix/suffix a merged eFORMz print file. This may be especially useful if your device has the ability to staple and requires controls codes to enable this feature.

- Included a newer version of the 'LaserJet 5si Print Driver' for the Windows XP operating systems used as the virtual printer 'efzprinter' to generate forms designed to be imported into the project. This driver (LJ631.exe) is located in the \DOC folder.
- Added TIFF Image reader library for Java provided by Sun Microsystems, Inc.. This library is platform dependent and only supported on Windows, Linux and Solaris operating systems.
 - *Special note: presently not available for the iSeries (AS400) or HP-UX servers.*
- When the Default Data Path is changed in the System Configuration its effect is now immediate.
- If a font was specified in the PDFInputFonts section of the FontsSpecs.xml file that referred to a soft font (PCLTypeface="-1"), then the reference would go to the first font that it found in the FontSpecs.xml with a PCLTypeface="-1" and not necessarily the font you wanted. This has been fixed.
- When printing, sometimes the spacing of the resident printer fonts did not match the spacing of the font described in its .tff file. There was some optimization that assumed the fonts matched up and each character did not have to be positioned explicitly, but since that is not the case, the optimization has been removed and now each character is positioned explicitly.
- The port number for the SMTP server can now be appended to the server name or IP address using a colon as the separator. (ie: "hosting.companyname.us:2525")
- Input from UNICODE and UTF-8 data files is now supported. Modifications to the FontSpecs.xml file was necessary to include changes to the "CharacterSet" entries. There is a new selection in the Form Properties to select the input character set. This is only useful for data files that don't contain PCL escape sequences that specify the character set. Presently output to PCL is still generated with single-byte character encoding. Future releases will permit the output of multi-byte character sets using true type font files that support multi-byte character encoding.
- A new level has been added to Conditions. It is called a Condition Group and all items within it are ORed together. Any node which is conditional has a root level Condition Group. Each item within the Condition Group is a set of Conditions that are ANDed together. The whole conditional tree is recursive, in that one of the items in the set of Conditions can be a Condition Group, which can contain multiple sets of Conditions. When the whole or any part of the conditional tree is collapsed, the description of the collapsed node displays all the condition groups and condition below it connecting them together with ANDs and ORs as necessary.
- The layout for dialog boxes is in the process of being changed. The layout will be based upon the size of each component in the dialog. This eliminates problems of some components being truncated in certain look-and-feels.
- Content Segments can now contain multiple images from a TIFF image file, or multiple pages from a pdf file. The main use of this would be to include multiple pages from image or pdf files in the output for a project.
- Conditional vertical increment option added to Place Text action to increment the vertical placement of data in the output 'conditionally'. When set, the vertical coordinate for actions using repeating variables only gets incremented when the action is actually executed (when the condition is satisfied or there is no condition set).
- To help facilitate easier access to modifying the properties of a Project/Page/Form, the "Properties" menu choice has been moved to the first item in the drop-down list. The same holds true for the "Edit" drop-down for Variables, Procedures and Rules.
- Fix was applied when a form was copied using the CNTL + drag-n-drop.
- Some optional RTF blocks that should have been ignored were being processed causing positional problems. This has since been fixed.
- Negative entries are now permitted in the form and data offsets for the horizontal and vertical positions in all the form constants and rule actions. Note that if you position something outside the page's margin it may not print correctly.
- Page dimensions have been added to the eFORMzCfg.xml file allowing the product to add new page size choices that some newer printers may have without requiring code changes. The configuration requires a "PCLNumber" attribute which is used in the PCL escape sequence to select the page size.
- Positioning of the viewer window when selecting a variable now makes the start of the variable visible as opposed to the end, when the variable extends beyond the viewing area.
- PCL outputter has been modified to output Unicode. eFORMz processes everything internally as Unicode and makes use of the decoding capabilities built into Java to convert incoming data to Unicode. The "CharacterSet" entries in the FontSpecs.xml file were modified to reference registered character set names (registered by IANA) with the attribute "IANAREgistry". Output routines were modified to generate all characters as Unicode when outputting to the screen or PDF.

		<ul style="list-style-type: none"> - Project tree pull down menus have been adjusted to place the “Add” oriented choice more towards the top. - A new option on the form, “Suppress output when empty”, will suppress the outputting of a page generated by this form if there is nothing to output. Empty indicates that no data from the data file is transferred over or the page of data is completely empty. This condition is normally only set if loading an image or page(s) of an image that does/do not exist. - Occasionally a file lock would occur if attempting to update an image within the project. This has been fixed. - Support for reading text and barcodes from IBM’s AFPDS and IPDS formatted spoolfiles. To download one of these file types from an iSeries server then uncheck the “Data Conversion” checkbox. The Composer will automatically detect the file type as long as the extension is not “.pdf” or “.efd”. - Bitmaps added for MICR CMC7. “MICRCMC7” added as a new choice in the Special Fonts action and dialogs. This is a widely accepted standard font used by the banking industry throughout Europe, South America and many other countries. - Provide support for Ecometry’s release of FedEx server (ver 10.0) which generates the FedEx (PDF417) barcode. - New versions of third-party jar files are included which fix a problem with loading pages from a pdf file as an image. With certain types of images on the page, the resolution was off and would appear larger than it should. - For a procedure that uses a multi-occurring variable and has a set variable action to a single-occurring variable, the single-occurring variable will be set multiple times. Before, the variable would only be set for the first occurrence. - Removed “Java support” menu item from the Help pull down. - Added a new menu item to the Help pull down. The “Display Available Character Sets” is used to show the IANA registered names of the character sets supported by the currently running JRE. - Modified the parameter to the AS/400 submit statement within the AS400 Toolkit to reference Java 5 and associate the default directory for <u>all</u> logins to the ‘/minisoft’ directory. The command should now appear as follows: <pre style="margin-left: 40px;">SBMJOB CMD(JAVA CLASS('/minisoft/Run.jar') PROP((java.awt.headless true)(java.version 1.5)(user.dir '/minisoft')) PARM('/minisoft' 'com.minisoft.HostTools.AS400.PrintMonitor' '/minisoft/AS400pm.cfg')) JOB(EFZPM) JOBD(*USRPRF)</pre> eFORMz will automatically transfer the necessary configuration & license files to the appropriate install directory. - Updated the release of Java, which accompanies the product, from version 1.6.0_16 to 1.6.0_21.
00	02/03/10	<p>Release 7.03 – eFORMz</p> <ul style="list-style-type: none"> - Mouse selection on constant, input field or rule action overlap in the form/data viewer pane of the Composer will now be based upon the smallest item defined by width x height, even if covered by another. The previous method was to select the first one from the project tree. - Added a new external function to the eFORMz configuration file. This new function will permit the generation of the Newgistics SmartLabel (Mod-36 check digit) barcode. - The internal windows are no longer resized when the main window frame is resized, maximized or restored. - Configured a new Variable window to permit immediate viewing of the data value contained within the variable. This Window can be enable/disabled via the ‘Window’ drop-down selection on the top taskbar. - Copyright graphics updated in all executables. - Apostrophes and quotation marks in RTF files were not being read in correctly. Fixed. - Parsing of pcl escape sequences for shaded rectangles is now supported. - Included the file ‘msvcr71.dll’ in the /Minisoft/eFORMz_6 folder to avoid problems with starting up the Windows service. This is a work-around for a Java issue still pending.
01	12/18/09	<p>Release 7.02 – eFORMz</p> <ul style="list-style-type: none"> - Fix for Composer hang when exiting resulting from modifications made in prior release. - Attempting to stop the eFORMz Windows Service would result in an error and the service would have to be terminated manually from the Windows Task Manager. This has been fixed. - The code which converts color to gray scale would generate numerous Exception_Access_Violation errors during processing if a color image was present and failed to convert. This caused either the Composer or Toolkit to crash with the errors reported in hs_error_pid###.log files. A different method was utilized to get around this issue. - Incorporated eReader java classes into the core eFORMz jar.
00	12/09/09	<p>Release 7.02 – eFORMz eReader – 01.05.00</p> <ul style="list-style-type: none"> - Data suppression regions can now be enabled/disabled within the forms property dialog. - Project images can be rescaled without having to reload them. - An enhancement has been made to the Unix/Linux Toolkit allowing one to start or stop the monitor via a separate tab. In doing so the toolkit issues remote shell commands to a Unix/Linux server using a SSH2 connection to activate or terminate the automated monitoring and processing of print files on these servers. - Release 7.01.05 issued a warning notification <u>and</u> halted processing if an attempt was made to open a project from the Composer/Toolkit(s) saved in a later release. The halt has since been removed but the warning message is still displayed and logged.
05	11/23/09	<p>Release 7.01 – eFORMz</p> <ul style="list-style-type: none"> - RTF (Rich Text Format) support has been added to eFORMz allowing for easier form design input. Previously the only method of importing form images was to direct the form output to a ‘virtual’ printer (efzprinter) or import

as images. With RTF functionality, the saved document file can now be imported directly into the project therefore no longer requiring the extra steps.

- Added a "Reload" option on the form drop-down. This will reload a RTF form from an original MS Word RTF file.
- Added new buttons for "Reload Form" (on main toolbar) and "Open Datafile" (in viewer window).
- Parent directories will automatically be built if output files generated by eDIRECT do not contain directories which already exist.
- Variable selection can be performed in any direction. Note: if you want to go right-to-left and/or bottom-to-top and you've specified 'snap-to-grid', you must start one grid position either to the right and/or down.
- Site specific configurations for preprocessor and/or external functions can now be placed in a file referred to as "eFORMzCfg_User.xml"
- Site specific font references for the viewer, print and PDF output can now be placed in a special fonts file formatted like that of the FontSpecs.xml file which accompanies the product. This new file is referred to as "FontSpecs_User.xml".
- Alphabetized the displayable fonts (both fixed and proportional) within the Fontspecfile.
- Text output to a PCL printer via the place text rule selected to print white on black background now appears.
- Paper sizes "Ledger" and "International B5" did not produce correct escape sequences in PCL – fixed.
- Enhanced viewer toolbar with a number of cosmetic changes.
- Added a repeat interval spacing setting on the 'Load Image Action' rule dialog screen. One existed for text and barcodes but not for images.
- Added a disable option for functions associated with a variable.
- Modified the eVS Barcode generator so that invalid characters, non-digits or shortened field will no longer generate an error and freeze the process.
- Added PDF encryption for PDF output generated by eDIRECT. An 'Options' button has been added to the output process display screen and will be enabled if PDF attachment is selected. Please see manual for a full list of options.
- Enabled trash can icon (remove) to variable functions and procedures on main toolbar and within project menu.
- Includes revisions to several supported java jar files.
- Improvements made in outputting color images to b/w printers. This includes better rendering and proper scaling.
- Modified the PDF Input Font names from 'Times Roman' to 'Times New Roman' within the Fontspecfile.
- Ability to select images from PDF files for forms or specific image display. The option has been added to the Load Image dialog box which also allows one to select a page reference.
- Dynamic scaling of images during the load process is now possible. This option has been added to the Load Image dialog box with values of zero indicating no scaling is to take place. Scaling choices are:
 - None** - no action taken
 - Shrink to desired Size** - will reduce the size of the image if it does not fit in the desired size rectangle
 - Fit to desired size** - will change the size of the image to match the desired size rectangle
 - Lock aspect ratio** - keep the ratio of the images dimensions the same when scaling
- Empty strings did not compare "Equal to" or "Not equal to" correctly. This has since been fixed.
- The reference to "Barcode" has been changed to "1D Barcode" in all appropriate menus.
- Previously one could not change a procedure name by editing its project tree node. This has been fixed.
- A warning message will now be displayed during the opening of a project if one of the two scenarios is true:
 - Project was created by a version of the Composer with a major version number greater than that being used (ie: Composer -> 7.xx Project -> 8.xx)
 - Project was created by a version of the Composer with a major version number equal to but minor version number greater than that being used (ie: Composer -> 7.00 Project -> 7.02)

		<ul style="list-style-type: none"> - New host installer dialog display. The display also remains on the screen until "Done" is pressed. Previously the display would vanish once the install was complete. - Updated the release of Java, which accompanies the product, from version 1.5.0_16 to 1.6.0_16. As a result of this update a change had to be made to the java call statements for the Composer and Toolkits. Upgrading to version 1.6 now permits pcl & image printing without the need for the call to the older jps (java print service). - Replaced executables with new versions as a result of the Java upgrade.
04	06/03/09	<p>Release 7.00 – eFORMz</p> <ul style="list-style-type: none"> - Control characters in constant eDIRECT elements were being evaluated as spaces. This caused a problem with some fax server software that used 'newlines' as delimiters between commands, but not spaces. The result was a blank page at the start of a fax. <ul style="list-style-type: none"> →Note: this change resulted in a bug fix within eDIRECT resulting in the previous truncation of spaces preceding or adjoining any text associated with a filename. As a result, this may cause filenames to extend beyond what was previously defined. To adjust for this, simply add a right/left trim function to the associated variable(s). - Fixed a bug with printing in color and generating 90 degree print orientation. - Data suppression regions can now be specified in the forms properties dialog. Any incoming data that is completely inside one of the regions will be suppressed. The positional values entered are in decipoints and a dotted rectangular box will be displayed in the data viewer noting the area 'white-shaded'. Note: this is performed after the form condition is evaluated, but before any rules are executed. - Fixed a bug when attempting to open a project that included images which are PCL files.
03	05/11/09	<p>Release 7.00 – eFORMz</p> <ul style="list-style-type: none"> - If data was selected from the data grid and 'Add Rule' was chosen in place of 'Add Variable', the selected Use Variable field would appear as system variable heading and not the actual variable. This has since been fixed. - If one referenced a database in the eDIRECT specs and then deleted all the items which referenced the database the database was still being opened. Now databases referenced in eDIRECT are only opened if used by an item. - Some SMTP servers were returning illegal address errors as general connection errors. A change was made to simply log these errors and continue processing rather than halting the eDIRECT process (which normally occurs on a connection error).
02	04/28/09	<p>Release 7.00 – eFORMz</p> <p style="text-align: right;">eReader – 01.04.00 OnDemand Print – 1.0.1</p> <ul style="list-style-type: none"> - 2 dimensional barcode support. Unlike conventional (1D) linear barcodes, 2D barcodes provide much greater flexibility and data storage within the images. These images can be decoded with a PDF compatible laser or CCD scanners. The individual 2D fonts are: <ul style="list-style-type: none"> Aztec - matrix barcode type that does not require quiet zones MaxiCode - used primarily by UPS to route and track packages Data Matrix - a matrix symbol which allows efficient encoding of data into a square barcode, includes data correction PDF417 - unique 2D barcode type is commonly used on Fedex shipping labels - USPS Intelligent Mail barcode is now available. The US Postal Service is promoting the use of this barcode because it expands the ability to track individual mail pieces and provides customers with greater visibility into the mail-stream. USPS will require the use of this barcode to qualify for automation pricing beginning in May 2011. - New Secure Numeric font. This new feature adds an extra layer of security to your printed checks by super-imposing a unique font image, representing the dollar value of the check, below the amount field. This option can be selected from the drop-down selection on the barcode action dialog screen. - New Global Variables implemented. Permits data from one page to be stored and displayed on subsequent pages. - New Procedures implemented. Includes mathematical calculations (+ - / x), column sum and numeric formatting. - Modified the OnDemand Print utility to include the default (file select) directory path within the <i>eFORMzPrint.ini</i> file. Included an option to delete the print file after redirecting the output to a printer device. - When attempting to add more than five entries to the 'Multiple replace occurrences of a string' pre-processor an error condition would occur. This has since been fixed. - In prior releases the use of the "%" referred to the first file name in an external command. One can now specify "%n", where 'n' is a zero-based index of the names of the files produced by a file output or e-Direct process. A '%' by itself still refers to the first file (backward compatibility). - Replaced all executables with new versions which contained the splash screens for 2009. - A project that produced no output would hang or throw an exception when printing or outputting to a file. This has been fixed.

		<ul style="list-style-type: none"> - Occasionally the selection box for selecting data for a variable would appear as a thick line. This was a side effect of a previous change made in the function which paints lines in the output to the screen. Has been fixed. - The Comboboxes for selecting a variable that are in various configuration dialogs have been changed to categorize the variables under three different categories. - Size of barcode type fields in 'Barcode Action' and 'Barcode Element' dialogs has been increased. - MICR13B, OCRA and Secure Amount barcodes have been removed from the barcode action and barcode constant dialogs and new dialogs for them have been added. Existing projects will convert automatically when read in. - Title change from e-Direct to eDIRECT. - A fix was included so that Adobe's Acrobat Reader would immediately read PDF output when called from the Composer. - Printing is processed in a separate thread and the output fed back to the main process through a pipe. If an error condition occurred during printing the thread just quit which could cause a file to remain in the print queue in a 'printing' state. A fix was applied so that the pipe is closed before the thread quits. - Soft font symbol sets can now be suppressed from the incoming datastream. A new button was added to the existing 'Data Parsing' tab of the Project properties dialog box. - A new command line option "PROP((java.awt.headless true))" was added to the AS/400 submit line within the AS400 Toolkit. This requirement was necessary in order to take advantage of new options for color to gray scale conversion which rely on direct calls to java awt routines to non-native versions of these routine. The command should appear as follows: <pre style="text-align: center;">SBMJOB CMD(JAVA CLASS('/minisoft/Run.jar') PROP((java.awt.headless true)) PARM('/minisoft' 'com.minisoft.HostTools.AS400.PrintMonitor' '/minisoft/AS400pm.cfg')) JOB(EFZPM) JOBD(*USRPRF)</pre> - Reads and outputs the bitmapped soft fonts used for barcoding in the Manhattan Associates output. - Password field in SMTP Options dialog box now disguises the entered text. 	
03	12/10/08	<p>Release 6.11 – eFORMz</p> <ul style="list-style-type: none"> - Wildcard selection added to the INPUT directory selection for all Toolkits. As with the file selection option, one can now specify either an asterisk "*" and/or "?" to search multiple directories. - Discovered a problem when attempting to read in eFORMz document files (.efd) created for eReader. Fixed <p>-> Do not install this release on AS400!</p>	eReader – 1.3.1
02	11/25/08	<p>Release 6.11 – eFORMz</p> <ul style="list-style-type: none"> - Added color support for barcodes. - A new pre-processor 'Text file pagination' was added which permits form-feeds/page breaks to be entered into the data stream file based upon the discovery of a search string in the input file. - Extended the decipoint decimal position for the height and width of barcodes from .1 to .0001. <p>-> Do not install this release on AS400!</p>	
01	11/10/08	<p>Release 6.11 – eFORMz</p> <ul style="list-style-type: none"> - Initially eFORMz was relying on the JDBC driver to close its connections when the driver's connection object was garbage collected. A fix was applied so that the connection would close after the files were processed. 	
00	10/27/08	<p>Release 6.11 – eFORMz</p> <ul style="list-style-type: none"> - Variables can now be used as bookmarks in PDF output. A new field was added to the Variable dialog - "Use as a bookmark in PDF output". When set, a bookmark in the form of "variablename = variablevalue" will be placed in the PDF output for each page. You can output as many variables, as bookmarks, as you wish. - The licensee is now displayed in the title of the Composer and all Toolkits. It is also displayed in the Help dialog of the Composer - The "runUnix.cmd" is now included in the host transfer of files to Unix/Linux servers. - Added 'Compare as Numeric' as a compare option to our conditional logic check. 	eReader – 1.3.0
13	10/06/08	<p>Release 6.10 – eFORMz</p> <ul style="list-style-type: none"> - Improved log error reporting for easier problem resolution. - A new option was added to the Printer Control tab to exclude the unprintable left and right edge from PDF output. - Permit a negative value in the horizontal position of a form to allow the adjustment of the left margin closer to the edge for pdf output. A negative value for the form will not have any effect with printing because the cursor cannot be positioned left of the left margin (negative x). - Corrected the Height Factor of the Line Printer font within the FontSpecs.xml file. Previous reference to this font would cause the font to defer to Courier. 	
12	08/25/08	<p>Release 6.10 – eFORMz</p> <ul style="list-style-type: none"> - Occasionally executing batch files as post process external commands would cause a hang. This has been fixed. - The print process could hang running under Unix/Linux if the printer was offline. Project printing is now performed under a separate thread and should resolve this problem. - SQLLookup and TableLookup functions were not closing the JDBC statement handles. This was a problem when 	

		<p>a connection was made through Minisoft's JDBC driver. This issue has since been resolved.</p> <ul style="list-style-type: none"> - Log entries are now posted to the eFORMz log file when sending email without an attachment.
11	08/13/08	<p>Release 6.10 – eFORMz</p> <ul style="list-style-type: none"> - Project form constants can now be assigned unique names. The default name 'Text' can be overwritten by selecting the constant and pressing the 'F2' key (or right-click and select Edit). - Now when a cursor hovers over variables, constants, input elements or rule actions within the Form Viewer, an informational balloon will appear providing reference to the item.
10	08/06/08	<p>Release 6.10 – eFORMz eReader – 1.2.6</p> <ul style="list-style-type: none"> - Generate output in Zebra™ XML format. A new tab has been added to the form property dialog screen to permit Zebra™ specific field names to be referenced in order to call the proper label within the Zebra™ printers memory. A new file format option was also added to the Printer dialog boxes of the Composer, Toolkits and eReader. The previous xml output format has been renamed to Zebra XML files. - Repeating elements can now be grouped when specifying HTML within e-Direct. By starting and ending a constant element with "{ ... }!", text and elements can be inserted between these codes resulting in a repeat for all pages within the group. - Discovered a problem with the "Load Image from File using Rule Variable' action. The radio selection button would not remain set if selected. It has since been fixed. - Modified the file read process for the AS400 toolkit to read in non-standard print files. - Discovered that fonts, provided with the product (\fonts folder), were being erroneously registered to Windows and overwriting existing system fonts. As a result, if eFORMz was uninstalled, these same fonts would be deleted in the process. The registering of these fonts, during the install, has now been disabled. - Option to reference the value of a rule variable, as an image filename, to load and display an image from within the project. Previously one could only do so referencing an external filename.
09	n/a	<p>Release 6.10 – eFORMz</p> <ul style="list-style-type: none"> - Added an option to request status notifications on emails generated by e-Direct. In order to use this function, the SMTP server must be able to support delivery status notifications. eFORMz has no way to determine this. - The printer selection dialog box will only display the maximum number of printers licensed. - Replaced the MiniSpooler print utility with a customizable OnDemand Print program. The utility permits files to be renamed within a specified directory allowing the eFORMz Print Monitor to process and/or reprocess these files. Configuration changes can be made via the eFORMzPrint.ini file. The utility also provides for a method for direct printing of any file on a Windows pc. This is often useful for printing test input files and/or e-Direct generated pcl output files.
08	07/07/08	<p>Release 6.10 – eFORMz</p> <ul style="list-style-type: none"> - Modifications were made within the e-Direct module to permit Page Grouping. A new group condition tag has been added to the Print, e-Mail and Fax dialog boxes of these output processes. This feature permits page grouping based on a selected field, such as an item number, within a multi-page order. - Updated the release of Java, which accompanies the product, from version 1.5.0_15 to 1.5.0_16.
07	06/23/08	<p>Release 6.10 – eFORMz</p> <ul style="list-style-type: none"> - Modifications were made to allow for the proper sizing of both the project and viewer windows when first installed. - Additional images are now supported via the drop-down list of extensions in the file open dialog box. This list of extensions include (.bmp, .jpg, .jpeg, .gif, .png, .wbmp, .prn).
05	06/09/08	<p>Release 6.10 – eFORMz eReader – 1.2.5</p> <p style="text-align: center;">*** NOTICE *** Printer Licensing Check Now Implemented for Windows Local Toolkit *** NOTICE ***</p> <p>~~~~~</p> <p>A new user interface was added to handle licensing based on the number of printers. A warning message will be issued in the eFORMz log file notifying our customers to contact their Minisoft sales representative if they purchased a license file, for the Windows operating system, supporting more than two devices. An updated license file will need to be issued if licensed over two printers. <u>No interruption in printing will occur with this release.</u></p> <p>If your maximum printer license is 12 or less, a new "Printers" configuration tab is displayed within the Local Toolkit configuration screen. In addition, the printer selection dialog, shown by the browse buttons in the Print Process and Print Files dialog, will ONLY display the printers configured on the "Printers" tab. If the maximum printers is greater than 12 the "Printers" tab will not be displayed and the printer selection dialog remains as it was.</p> <p>When printing via the Local Toolkit, if the 'Max. Printers' in the license is below 13 then the printer name is checked against the printers configured in the "Printers" tab. If the printer name is not found, a warning message is issued (reported in the eFORMz log file). If the print process or print files is configured with a valid printer name but the name no longer appears in the "Printers" tab, then the printer in the original position is used and a warning is also issued.</p> <p>Each time the configuration file is read, the printer names are checked against the devices in the "Printers" tab and a record of the position is kept. If the configuration file is saved, then the above feature, redirecting to a newly configured printer will work. It also prevents problems arising from a printer moving positions in the list.</p> <p style="text-align: center;"><i>Note: Existing license files will default to 2 printers. Therefore if an extended license was purchased a new license file will need to be issued by technical support.</i></p> <p>~~~~~</p>

		<ul style="list-style-type: none"> - The ability to INSERT, UPDATE and DELETE data directly from a database can now be performed using the new SQL Update Rule Action. This new function provides 'real time' updates based upon assigned values from variables to parameters (1 thru n) in the rule action's configuration dialog screen. - The SQL Lookup function can now be assigned values from variables to parameters (1 thru n) in the SQL statement. The output from columns 2 thru n of the SQL statement can also be assigned to variables and be configured in the SQL Lookup function's configuration dialog screen. - A version compatibility check of the project has been added to this release. At times there may be project format changes resulting in prior functionality being expressed differently in the file format (ie: an old version that supports a certain functionality may no longer get at the information for that function out of the new project file). Should this occur, the Composer will indicate the error and display the version of the project attempting to be opened. The Toolkit will post an error message in the log file and continue processing. - Recompiled eReader to work with the latest format changes made in this release. - The 'eVSBarcodeDataGenerator' function can now output a displayable version of the barcode data to a variable. - Occasionally opening older version 6 project files with later releases of eFORMz would cause a Java "AWT-Event Queue-0" error for input string: "0 Eval build". This was caused by a change in the format of the version identifier and has since been fixed. - Added a new log subfolder (\log) to the installation of eFORMz. The default log file reference name will be 'eformzlog.txt' - Added the Oracle and MySQL JDBC drivers for connectivity to these databases. - Fix for system variables being overwritten by multiple input queues when running the merge from the Toolkits. Problem surfaced in release 6.09.11 when the new priority setting, for individual input queues, was added. - A new release of the manual was issued which includes up-to-date changes made to eFORMz. - Updated the release of Java, which accompanies the product, from version 1.5.0_13 to 1.5.0_15. - Modified the default ClientCfg.xml file changing the Viewer and Project panes to '0' values. This will format these panes to match that of the external Composer window no matter what display resolution value is used.
12	03/19/08	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - Fixed word-wrap hang on 'Place Text' action if new lines were inserted and the width was set to the default of '0'. - Unix script generator modified to include reference to new Unix java class which was added in previous build. - Toolkit would hang if a large number of error messages were generated from an external batch (.bat) file. This has been fixed. Messages are now reported in the eFORMz log.
11	03/11/08	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - A new option was added to the Concatenate function to append a new line when using the 'word-wrap' feature of Place Text action. The default is unchecked. - A negative value (-1) in the Substring function "starting index" indicates to start from the end of the string. - Added a vertical alignment option (top, bottom, and center) to the Place Text Action dialog box. - Attempting to copy a 'copied' form using the 'drag-n-drop' feature would generate an error. No longer permitted. - Added the 'Coronet-SemiBold-Italic' font entry to the fontspecfile. - Added a quarter inch of empty space to the right and bottom of all project trees for better readability. - New priority setting for individual input queues (or directories). Each input queue executes a queue monitor in a separate thread. The new setting allows the user to control the execution priority of each of these threads individually. Since the handling of threads is controlled by Java's Virtual Machine (JVM), the manner by which Java performs these executions will differ on each platform. The higher the priority (1-10), the more execution time is given to a thread in relation to other threads and processes. - Generated a new java class specifically for the Unix print monitor. In previous versions the Local Monitor code was used for both the Windows and Unix environments. - A new facility to apply external functions to the product has been included. External functions are configured into eFORMz similar to the way pre-processors are configured (eFORMzCfg.xml). <p style="padding-left: 40px;">New function – Generate the checksum digit (MOD10) for eVS (ZIP-USPS Del. Conf.) barcodes.</p>
10	01/03/08	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - The file selection in the print monitor can now contain multiple file selection criteria. The delimiter between each file selection can be a <i>space</i>, <i>comma</i>, <i>plus</i>, or a <i>minus</i>. If the delimiter is a space, comma, or plus then the next file selection goes in an 'include' list. If the delimiter is a minus, then the next file selection goes in the 'exclude' list. A data file must match one of the selections in the include list and not match any of the selections in the exclude list to be processed. For example: <div style="padding-left: 40px;"> <pre>File select statement = PO*.DAT - PO1.DAT - PO2.DAT Files processed = All PO files, with the exception of PO1.DAT and PO2.DAT</pre> </div> <p style="padding-left: 40px;">→ <i>Special note: the "+", "-", or "," must be separated by a space before and after the symbol .</i></p> <ul style="list-style-type: none"> - Multiple pre-processors can now be configured within the 'Advanced Tab' of the Composer. One can also enable or disable the individual processes using the new Activate/Deactivate buttons. - Increased the size of the Project Properties dialog box and a number of its associated tabs for easier reading. - Spaces are now permitted as a search string in the 'Replace and Multiple Replace' pre-processors. - Fix made to the port monitor executable file for the 32-bit version (monset) released in 6.09.04 for Win2003 pc. - Includes the latest MS SQL JDBC driver (ver 1.2) for database retrieval. Note the new driver/url references: <div style="padding-left: 40px;"> <p>New Driver/URL statements:</p> <pre>Driver class - com.microsoft.sqlserver.jdbc.SQLServerDriver URL - jdbc:sqlserver://\$</pre> <p>Old Driver/URL statements:</p> <pre>Driver class - com.microsoft.jdbc.sqlserver.SQLServerDriver</pre> </div>

		URL - jdbc:microsoft:sqlserver://\$	
08	11/27/07	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - Added 'A5' as a new ISO 216 standard paper size option. - Fixed a problem with legal sized paper and rotated text. The bottom margin was not set correctly when the paper size changed. Since the bottom margin becomes the left margin when text is rotated, the text was misaligned. - Updated the release of Java, which accompanies the product, from version 1.5.0_06 to 1.5.0_13. 	
07	11/06/07	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - Added a new option to the Set Value tab of a Variable to permit external file selection of images. - Queue monitor variables can now be used by the Copy, Delete and Print files post -processing commands as well as within the e-Direct process. - A modification had to be made to Run.jar to accept the new format of our release number. 	
06	10/25/07	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - Added two new system variables: <ul style="list-style-type: none"> • Data File Name - returns the name of the current print file being process • Full Data File Name - returns the name and full path of the print file being process Note: processing on the AS400 will return the same value for both since the data resides in a queue. - Fixed a problem with the placement of an underline when code existed in the input file. - A new pre-processor 'Multiple Replace Occurrences of a String' was added which permits multiple search/replace string entries to intercept and change incoming data <i>prior to</i> the merge process. 	
05	10/17/07	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - Option to use the value of the rule variable for the file name of the image to load with a "Load Image" action. - Fix made to the port monitor executable file for the 64-bit version (monset64) released in 6.09.04. 	
04	10/05/07	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - Added 'word-wrap' capability to the Place Text action function of a rule. - Added new port monitor executable files (monset.exe & monset64.exe) to resolve issues w/Windows 2003. - Fixes made to edit the Table Lookup function. Occasionally the information was not being displayed properly. 	
03	10/01/07	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - Variables can now be added which do not have to be associated with text from within the data grid. This can be achieved by generating a new variable specifying a character length of '0'. - Added Variable selection to Form and Variable tree nodes. Defaults to no association with input data. - Added Rule selection to Form tree node - File name and Unique File Name fields added to e-Direct's Fax output menu. - Queue monitor variables (<datafilename>, <datafileext>, etc..) can now be specified on external command lines. - File extensions of ".bat" and ".sh" will automatically create text output. - Disabled items within e-Direct were being evaluated even though no output was generated. Fixed. - Added an attribute that fixed the copy count when printing from the AS400. - With past releases, if an external command line did not contain a '%' the print file name was automatically concatenated to the command. This has since been removed. - The 32-bit 'portmonitor.bat' file contained an old command line reference. Updated. 	
02	09/19/07	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - Added a new variable function 'SQL Lookup' which performs database lookups using standard SQL statements. The sql statement can be a constant or can be referenced by another variable. If there is an input parameter in the sql statement, the value of the input parameter will be the current value of the variable. The variable's value will be set to the value of the first column of the first row of the result set. <i>CAUTION should be used when constructing the sql statement to avoid time consuming queries.</i> - The existing variable function 'Lookup' has been renamed to 'Table Lookup'. This change is backward compatible with all existing projects. - Fix for Ecometry/Escalate Retail Airborne Express shipping label. 	
00	08/14/07	<p>Release 6.09 – eFORMz</p> <ul style="list-style-type: none"> - HTML can now be specified as a file output format type. Two subfolders are automatically created that contain the form image files and any internal images referenced by the html file: <pre> \{ filename }_form_{ macro# }_images \{ filename }_images </pre> - HTML (inline) can now be placed within the body of emails generated by e-Direct. This provides for company logos, images and/or enhanced text to be specified as part of the body. - "Help Index" task bar menu item has been renamed to "eFORMz Manual" - Added several new system 'time' variables. - Addressed a problem with page length escape sequence changing the output page size. - To improve efficiency, a number of changes were made to the email code and the way images are loaded. eFORMz will also attempt to determine the image resolution. - Added support for PNG (Portable Network Graphics) files. - E-mail system errors now provide more detail information. - e-Direct will no longer create empty output files if no data pages are processed. - Ability to use font specifications for absolute typeface values. The typeface value is a combination of a base value which defines the font and a manufacturer value. Until now, eFORMz would strip out the manufacturer value. Now you can have a font specified with the absolute value rather than just the base value. - Added the 'Times Roman by Monotype' font entry to the fontspecfile - Included the Times Roman fonts in the fonts folder. 	eReader – 1.2.4

		- Updated our license check file utility to provide new prospects with a temporary license file that will permit a maximum page count value to be set for large volume testing. Output generated will still contain a watermark.	
05	06/28/07	Release 6.08 – eFORMz - New option to exclude the timestamps from filenames generated by e-Direct print and email processes. - When opening a project, the first form in the viewer is displayed rather than the last. - Printing in “PCL” or “Color PCL” modes in Windows created temporary files which, if an error occurred, these files would not always get deleted. These temp files are no longer produced. - Multiple email addresses are now permitted in the “FROM” field matching that of TO, CC & BCC. - Modified the Windows service configuration file (<i>jsl.ini</i>) to include the reference to java print service (<i>jps.jar</i>). Discovered that this parameter was missing which resulted in potential print errors if the device was not in a ready state (refer to fix in release 6.6.03).	
04	06/05/07	Release 6.08 – eFORMz - Resolved a time-delay issue when printing PDF output generated by eFORMz. - PDF form fill-in fields generated by eFORMz now print correctly. - First and Last page buttons added to eReader form viewer module. - Page number displayed within the eReader document viewer. - Added a new SMTP dialog box which includes the following email options: <ul style="list-style-type: none"> • Importance • Sensitivity • Request a read receipt • SMTP User/Password If the user entry is not blank then the connection to the SMPT host is authenticated with the user/password configured. - On some Windows systems temporary print files would not be automatically deleted. This has been fixed. - Element names within e-Direct can no longer contain spaces or special characters. Error dialog box will appear. - Addressed memory release issue when performing multi-pass operations (ie: e-Direct, Sorting, eFORMz doc files). - Fix to e-Direct element assignment. One can no longer add an element, as a subordinate, to another element. - New option to append “.hld” to the data file name <u>after</u> the file is processed by the print monitor (Local / Unix Toolkits). Previously the only options were to rename the existing extension or delete the file. New input file disposition choices are available. - eMail error handling has been cleaned up. - Corrected a bug in the port monitor if the capture directory went beyond 75 characters in length. Added option to enable tracing from the port configuration screen and the monitor will now track and assign its own file numbers instead of using the Windows job id, which would max out at 255. → Current port monitor users need to stop the Print Spooler service and copy ‘efzMon.dll’ file to their Window System32 directory. - Includes the latest revisions to many of the supported java jar files.	eReader – 1.2.3
02	04/13/07	Release 6.08– eFORMz - A new pre-processor ‘Sequential Line Marker’ was added which permits inserting text to the incoming data as a line identifier. - Java search routine would always return a match found if the “search for” string was empty. This affected all binary operators and has been fixed. - Color images that use 256 colors or less now have the raster data stored as indexes to a palette. Images that use more than 256 colors will have storage requirements in bytes. Results in an overall reduction in storage usage. Existing projects will work unchanged, however, images will have to be reloaded to take advantage of the storage reduction in the project. - Right border of input field would not always print - fixed. - Null pointer exception and hang would occur if data was read in with a project that had a pre-processor configured with no parameters – fixed.	
00	03/29/07	Release 6.08- eFORMz - Modifications were made to permit Window’s Vista HP LaserJet print drivers to produce form images. → Recommended driver for this new operating system is the HP LJ 5200L. - The Data Viewer window can now be adjusted to display data that may extend beyond the column limits of the form. This new setting can be found in the forms property dialog. The default setting is to match that of the form. - The form viewer resolution value, in dots per inch (dpi), is now displayed in the viewer task bar. - Fix for output format settings when printing to AS400 server. PCL (B/W) was reversed with PCL (color). - Correction made to the Height value in LinePrinter font within the FontSpecs.xml file. - Added a new Project Reference feature to the Local Toolkit which will allow one to perform “table-formatted” lookups on project names based on the name of the print file. The new extension for this reference file is (<i>.efr</i>). - Fix for Ecometry/Escalate Retail USPS shipping label and Code128A barcode. - A new option was added to project properties which specifies whether the output to xml format will be verbose or not. This results in a considerably smaller archived file ported to the eVUE database. The default is checked. - Logic was introduced to omit font elements in xml output when they also exist in a form. As a result, memory usage is reduced by almost 50%, with an additional reduction in xml output file sizes.	eReader – 1.2.1
04	01/12/07	Release 6.07 - Output generated for color pcl (<i>.cpcl</i>), using e-Direct, was not assigned a unique timestamp. Fixed. - Modified the page numbering sequence of output generated by e-Direct to update our archival module (eVUE). - Output generated by eFORMz sent to Windows print queues are given the name of the input printfile. At present time this will only work for “Image printing” output. - OpenType font files are now supported by appending “.OpenType” to the end of the font file name specified with	

		the FontSpecs.xml file.	
03	10/26/06	Release 6.07 <ul style="list-style-type: none"> - Added a new (user-defined) barcode type to allow one to generate solid bars for basic bar chart usage. - If text was printed which had imbedded pcl code for proportional typeface and the spacing was then set to fixed the subsequent text would print out as Courier (default fixed typeface). Fixed. - If barcode type ZIPCODE was specified in a project prior to the name change to POSTNET (ver 6.7.00) the conversion to the new name was not automatically done -reverted to the first barcode in the list (3of9). Fixed. 	
02	10/08/06	Release 6.07 <ul style="list-style-type: none"> - A 'blank' form can now be added internal to a project. A new forms display window will appear requesting either a blank form or an external pcl file. - Data placed over shaded form images, in a multi-copy project, resulted in the characters displayed as white-filled. Fixed. - Using the CNTL key to drag-n-drop a copy of an existing form within the project tree required that the project first be saved and then reopened. Fixed. 	
01	09/26/06	Release 6.07 <ul style="list-style-type: none"> - Fix for backward compatibility problem. "PCL" was changed to "PCL (NONE)" – should be PCL (B/W) within the e-Direct wizard configuration. 	
00	09/20/06	Release 6.07 – eFORMz <ul style="list-style-type: none"> - Added PCL color support for form Text Constants and Place Text actions when output is directed to a color printer equipped with PCL 5. Selected text can now be converted to color for enhanced reporting. - Enhanced control of constant and data color within the Viewer. - PDF output generated by e-Direct included our demo watermark even if a license file existed. This bug was introduced in the previous build (03) and has since been fixed. - Added a new file check to verify that only one copy of the Local Print Monitor or service is running. This check is based upon the name of the configuration file and generates a temporary file if active. The default filename is 'LocalPM_PMRunning' - Changed 'ZIPCODE' barcode to 'POSTNET' to conform to industry standard naming convention. - Added several new icons for item representation within the Toolkits and Input/Constants in the Composer - Added code to permit Newgistic's TM SmartLabel (return label) to be made visible using Ecometry output. - To permit memory allocations to go beyond Java's maximum default setting of 512Kb, a new eFORMz.ini file was added which is user configurable. Excluding the file will revert to the default. - A Unix Toolkit was added which provides similar capabilities as the Local Toolkit. Ability to create a configuration file along with data transfers. Future enhancement will include feature to start/stop a print monitor on this platform. - 'Concatenate' and 'Insert String' functions now permit space(s) as the argument. - Collapsed variable nodes shown to have functions even when they didn't. Fixed. - Discovered that the right border of Input Fields do not always appear when printed using eReader. The temporary work-around is to take the width value and divide by 4.8. The results cannot be an irrational number. - Enabled shell association for pdf files - no longer requires path information to Adobe's Reader on Windows. 	eReader – 1.2.0
03	08/02/06	Release 6.06 <ul style="list-style-type: none"> - Developed a work-around for printing to Windows print queues if the device status was in an 'offline' state. This became an issue with release 5 of Java. Many users experienced a 'Printer not accepting jobs' Java error message during print processing if the printer was offline. A new jar file (jps) has been added along with updates to all exec files. - Drag cursor image was being shown in project tree window after a copy was performed. Removed. - Modification made to allow for the @H UPSP delivery confirm barcode for Ecometry collate. - Added 'demo' watermark to archived output if eVUE licensing was not enabled. - Modified calls to release resources in the JDBC_ODBC bridge driver during processing. 	eReader – 1.1.4
01	06/05/06	Release 6.06 <ul style="list-style-type: none"> - Modified logging output for both the Composer and Toolkit. One can now set a log fence based upon the following parameters:: 0 - 3 - informative messages 4 - 7 - { unused } 8 - 11 - status messages (i.e. pages output, etc...) 12 - 15 - error and other high priority messages (i.e. version and license info) - Output generated by an eFORMz Rule will appear in the output regardless of the 'Exclude Data' form setting - Fixed a problem within the Composer's pre-processor for the find/replace option when specifying pcl codes. 	
10	05/22/06	Release 6.05 <ul style="list-style-type: none"> - Added a new 'Command File' processor for the Local Toolkit. Instead of the input file selection referencing a print file(s) the selection is to a command line containing the parameters necessary to perform the eFORMz process. This option can be esp. useful on host servers, where the form and/or printer devices can often vary (ie: Unix). - Modified the tool-tip buttons in the Composer. Horizontal split now appears as { -- } where as the vertical as { }. - Include the VSIFAX.sh in the host install. - New 'signature' definition added to FontSpecs.xml file. 	
09	05/15/06	Release 6.05 <ul style="list-style-type: none"> - Ability to read in 'form-filled' eVUE document files as input. Data is read back in as text lines delimited by CR/LF. - Modified the ListBox and TextArea input fields to include a 'Max. Output Line' entry. This sets the number of lines the input field will take when read as a data file. - Updated jsl.ini (eFORMz Windows service config. file). The previous configuration could potentially execute both the service and the toolkit causing duplicate processing. Change will only execute the monitor. - Modifications made to correct a problem with the interface to eVUE. 	

07	04/14/06	<p>Release 6.05</p> <ul style="list-style-type: none"> - Local and AS/400 Toolkits: when the window size is changed the components resize accordingly. - Modified the starting point of the Y coordinate for text output from 0 to .75 * VMI. Y locations of text are based upon the baseline of the text, which is the top plus ¾ of the VMI. - Fixed an underlining issue – select appropriate default typeface when font spacing is changed. - Added the ability to parse out HP-GL2 commands imbedded within input files.
04	03/21/06	<p>Release 6.05</p> <ul style="list-style-type: none"> - Added 'NOT' as a condition check.
03	03/15/06	<p>Release 6.05</p> <ul style="list-style-type: none"> - The string for the name of the file that contained the initial page number was not initialized correctly causing new projects not to save. Fix implemented
02	03/14/06	<p>Release 6.05</p> <p>-Added a new pre-process interface to intercept incoming data requiring 'special' modification. Includes a new configuration file (eFORMzCfg.xml) which will contain the information on the available processor(s). This release will include three pre-processor modules:</p> <ul style="list-style-type: none"> • Skip until a string (or nth occurrence of a string) or control character appears • Replace a string value with a different value • Command parsing <p>Escape codes for string properties of preprocessors:</p> <p> \b backspace \t tab \n linefeed \r carriage return \f form-feed \\ backward slash \a<3 decimal digits> character represented by its decimal value (000-255). \x<2 hexadecimal digits> character represented by its hexadecimal value (00 - ff) </p> <ul style="list-style-type: none"> - Discovered and fixed a potential problem with ignored escape codes and the multi-threading capability of the Print Monitor. - Added a new 'page number' system variable. Option to add and/or increment page or check numbers specifying a fixed starting value. Includes the ability to automatically increment this value referencing an external count file. - Variable can no longer be deleted if a Rule, Condition, Sort or applied Image exists. - Added Insert Rule capability to the popup menu of the form/data viewer. - Added code allowing input forms which contained CompoundRaster (object code which could contain raster, text, bitmap text, and barcodes) to be read and viewed properly. Note: will be displayed as text in the viewer. - Added code to parse out an escape code sequence discovered in a users form but not supported by eFORMz.
01	02/28/06	<p>Release 6.05</p> <ul style="list-style-type: none"> - New <u>DATABASE LOOK-UP</u> functionality: Provide database retrieval from a table/key query with connectivity directly from the Composer. Includes a test button on the database dialog box to verify the connection. An 'empty string' is returned if: (a) the connection fails (b) a qualifying record cannot be found or (c) the value of the column is NULL - New <u>FORMS FILL-IN</u> feature: In an effort to provide a method by which vendors and customers can reply back using documents produced by eFORMz, we've added a new feature which allows one to generate forms with 'fill-in' elements. In doing so, the recipient of the PDF file <or> eFORMz document file (.efd) will be able to fill predefined fields for return correspondence. The following 'fill-in' elements can be added directly to an existing form(s) from the eFORMz Composer: <ul style="list-style-type: none"> • Check Box • Combo Box • List Box • Push Button • Radio Button Group • Text Area • Text Box <p>Although output can be generated to PDF and read by Adobe's Reader, the full version of Adobe's Acrobat Professional is required to save these fill-in changes back to disk. The good news is that Minisoft has developed our own document reader (eReader) which can be downloaded <u>at no charge</u> from our website to view, edit and save the files generated.</p> - One can now generate output file names using the same name as their input file (predefined set of variables). <ul style="list-style-type: none"> • Local monitor variables are "directory", "datafilename", "datafileext" and "project" • AS/400 monitor variables are "queue", "datafilename" and "project" <p style="text-align: center;"><i>Example: C:\outputdirectory\<datafilename>.pdf"</i></p> <p>Variables are delimited by the use of the '<' and '>' as specified in the file output name in the config screen.</p> - Added the '-c' argument to the local print monitor permitting the monitor to run on the Unix platform w/o

		<ul style="list-style-type: none"> - requesting a prompt to stop the task. If running from a command line on a pc, the '-c' will need to be added. - Made modification to pdf output so that it matched more closely that of printed output. - Added Load/Save buttons to Archive option dialog box. - If blank checksum character was produced for Code128 barcodes the character was trimmed resulting in an unreadable barcode. Fixed. - The existing .exe files would not work unless they resided in and run from the installation directory. Fixed.
01	12/29/05	<p>Release 6.04</p> <ul style="list-style-type: none"> - Fix for back-to-back variables causing overlapping data to appear when issuing Place Text rule.
00	12/20/05	<p>Release 6.04</p> <ul style="list-style-type: none"> - Added new <u>SORT</u> feature with ascending/descending capabilities. Options include: <ul style="list-style-type: none"> - sort by form - sort by selected variable - Modified Unix script to include the min/max java memory requirements to execute (-Xms128m -Xmx512m) - Modified PJJ parsing routine to exclude printer language code other than 'PCL' from start until Universal Exit - Modified Unix script to include full path information to allow execution outside of the /minisoft directory - Enhanced the print/output range option. Option includes selecting range of pages from start or end. - When rename selected from file selection (toolkits), the logic looked for the first extension but the file select excludes files with ".hld" as the last extension. Fixed. - Discovered that a CR/LF remained behind after HP2934A barcodes were parsed from data file. Fixed. - Reset the font selection before a new macro is created and/or at the start of a new page - Watermark symbol (demo) would appear when reading in PDF files even if license file existed. Fixed. - New definitions added to FontSpecs.xml file. Additional entries required for specific pdf input. - Added additional code for the symbol set "2Y" barcode - Added code to permit an older PCL 4 escape sequence to be processed (affected pitch - Ecometry o/p)
04	11/15/05	<p>Release 6.03</p> <ul style="list-style-type: none"> - If a line had a variable extracted and a single character existed on the same line it would not appear, instead, it was assumed to be part of the variable. Fixed. - Fixed unnecessary prompt to adjust variable coordinates when lpi or pitch were not changed in the Composer - Data now remains in the data viewer window even if 'Exclude data' is checked, excluded from form viewer - Added 'Text' format output option - Added option to edit existing Unix project scripts - Added lock button to the form viewer window, allowing one to disable the ability to drag items
03	11/04/05	<p>Release 6.03</p> <ul style="list-style-type: none"> - Added new icons for Constant and Input fields - FILE choice removed from output type selection dialog in e-Direct wizard. Option was originally intended to generate output files for archiving to eVUE. Replaced with an automated update using 'ARCHIVE' output type. - Output element can now be deleted from e-Direct. Previously could only be disabled. - MICR and OCR info was not outputting to eVUE correctly. Fixed. - Repeating variables will appear as multiple lines when used in an e-Direct output. This will allow someone to assign a variable to a whole page then use that variable as plain text in the body of an email.
02	10/27/05	<p>Release 6.03</p> <ul style="list-style-type: none"> - Modified the way input files are selected from the Toolkit (Local & AS400) - now processed based on the file selection entry position within the configuration file
01	10/25/05	<p>Release 6.03</p> <ul style="list-style-type: none"> - Adjustment made for positioning of Input Fields in pdf output
00	10/24/05	<p>Release 6.03</p> <ul style="list-style-type: none"> - Full support of Ecometry spoolfiles - Constant Field feature <ul style="list-style-type: none"> - text, barcodes or images can be inserted from within the Viewer window of the Composer - color-code feature allowing easy identification (from Viewer tab in System Properties) - PDF Input Field feature <ul style="list-style-type: none"> - text input can be inserted to produce pdf 'fill-in' files generated by eFORMz - color code feature allowing easy identification (from Viewer tab in System Properties) - Ability to edit drag-n-drop actions, constants and input fields by right mouse clicking and selecting 'Edit' - Images loaded by the 'Load Image' action along with constants and input fields are now all drag-n-drop - Fixed a problem where the data selection was using the pitch/height value of the form and not the data - Barcode sizing for proportionally spaced barcodes now included in the external FontSpecs.xml file - New entries added to FontSpec file: <ul style="list-style-type: none"> - for each character set (symbol set), font (typeface) and input fonts (specific for pdf data files) - for barcodes - used specifically to parse barcode escape sequences - for bitmap text such as MICR or OCR - Added 'Compress PDF output' (default) option to Output tab of System Property - Added 'Embed Fonts in PDF output' to Output tab of System Property - Fixed line printer font issue. If this font is selected within form property or place action rule, pitch & height required - Fixed problem when selecting source tray 0 (current) would cause page to print on separate page - Fixed form properties dialog would not display if the 'Exclude data' property were true - Fixed problem when printing completely solid raster line from form. Line would display just not print - Installs FontSpecs.xml file to root and /minisoft directories during AS400 host install - Installs ClientCfg.xml to root and /minisoft directories on AS400 and /minisoft on Unix host install - If FontSpec.xml file is missing, eFORMz will use a default character set of ROMAN8

04	9/28/05	Release 6.02 <ul style="list-style-type: none"> - A Universal Exit escape sequence in the data file that was not followed by PjL commands would cause the remainder of the data file to be processed by the PjL parsing code resulting in no data to appear – fixed - A number of internal changes made relating to how font escape codes in the data file are parsed
03	9/23/05	Release 6.02 <ul style="list-style-type: none"> - Initial vertical grid origin was always set to 0 - now set to page's top margin - Resolved Translate action problem which was introduced when allowing for empty "to" characters from release 5
02	9/22/05	Release 6.02 <ul style="list-style-type: none"> - Removed all classpath entries from the java command line - classes are now loaded from subdirectory (/jars) <ul style="list-style-type: none"> • AS400 submit command and Unix script file modified to reference new command line • Added confirmation dialog to Unix install noting that pre-version 6.2 scripts need to be recreated or mod - Rotation angle (0, 90, 180, 270) can now be specified for Place Text and Barcode actions - Form would not refresh if copied using drag-n-drop - fixed
14	9/12/05	Release 6.01 <ul style="list-style-type: none"> - The 'File' field in the 'File Selection' dialog in the AS/400 Toolkit is now an editable - Added new attribute "Soft" for font specification entry in the FontsSpec.xml file. - Added new system variable name "N/A" to be applied to rules which do not require a variable (ie: Load Image) - Change for wildcard characters in toolkit (* = 0 or more / ?=match any one character). Can appear anywhere. - Fix for "overlay on previous form" - if prior form had different form properties it would print on blank page - Added code for tray selection when specifying 'image printing' format - Added right/center adjustments for barcodes - Mods made to allow for control over # of copies and simplex/duplex processing of image printing
12	9/07/05	Release 6.01 <ul style="list-style-type: none"> - Fixed problem with external process commands becoming suspended during run - Fixed problem with new lines being stripped from output elements - Fixed 'out-of-bounds' exception error if barcode data was empty - Grid in data viewer now configurable - includes option to omit - External commands now output to the eFORMz log file - Added a browse button for the parameter file field of Archive option - Trace option for eVUE no longer set on as default - parameter file must specified - Messages from edbLoader (eVUE) are now sent to the eFORMz log
11	8/23/05	Release 6.01 <ul style="list-style-type: none"> - 'Disabled' output elements were being output to archive output (eVUE). Fixed. - Change of variable name is propagated through to output elements in e-Direct specs that use the variable - Resolved problem with empty element names for conditions in e-Direct specs - Added routine to read and convert e-Direct specfiles from version 5.x projects
10	8/8/05	Release 6.01 <ul style="list-style-type: none"> - Append to log file option added to all logging configuration dialogs. New option "-a" used to append to a log file when using the command line invocation of eFORMz. - eFORMz now 'remembers' the last printer specified when sending output to print from the Composer - Default extension to .efz for the project name field of the Unix script builder - Enable the Project/e-Direct Wizard menu item if a project is opened and contains at least one form - Additional fixes made to assist with the conversion of version 5.x projects to 6.x - Added msbase, mssqlserver and msutil jar files to the default submit command in the AS400 Toolkit for MSSQL
08	7/28/05	Release 6.01 <ul style="list-style-type: none"> - Activated new license check. Beginning with this build, the file (eformz.lic) will replace the previous (eformz.cfg) file as the confirmation for production release. Product will continue to validate if old file exists but issue warning. - Centered all toolkits - Fixed a problem with the notify action not emailing notifications during processing - Added 'Remove Job' and 'View Output' buttons to the Print Monitor window in the AS400 Toolkit - Added routines to read projects from release 5 and convert them to the new (xml) format in release 6 - Added check of variable name for valid XML characters if 'Include Variable in XML Output' is selected - Print process in Local Toolkit has been changed to allow the printer name to be manually entered - New 'internal' post processing commands have been added to Local/AS400 Toolkits (copy / delete / print files) - Post processing commands in current configuration referred to as 'external' commands - Added new dialog for selecting the post-process command if Add button is pressed when o/p process selected - Errors in post process command now considered <i>non-fatal</i> (will be logged but processing continues) - Updated the release of Java, which accompanies the product, from version 1.5.0_02 to 1.5.0_04
04	7/19/05	Release 6.01 <ul style="list-style-type: none"> - Added new dialog box to o/p process in toolkits and Unix script to allow selection of a unique output file name
03B	7/13/05	Release 6.01 <ul style="list-style-type: none"> - Modified the Java Windows service configuration file (jsl.ini) to include min/max memory allocation
03	7/07/05	Release 6.01 <ul style="list-style-type: none"> - Reads in version 5 formatted configuration files from Local/AS400 Toolkits - The optional File Name parameter for print in e-Direct initially required a group tag – no longer necessary - Variables with the same name are no longer permitted - When saving images into project, if image already exists a prompt will appear to overwrite - Resolved 'ghost' folders and toggle switches in project tree - AS400 Disconnect will close the Toolkit upon exit (will prompt for save if necessary) - The Body field of an e-Direct email has been changed from wrap-around to multi-line text

01	6/30/05	<p>Release 6.01</p> <ul style="list-style-type: none"> - If the path for Adobe's PDF reader is not configured (for Help Index display) then a message appears - Characters with MSB set (foreign language characters) disappearing - fixed - Added new menu item on Form Menu to display form with data
00	6/24/05	<p>Release 6.01</p> <ul style="list-style-type: none"> - Added copy settings and selection of printed pages to print dialog display - Added a disconnect menu selection for AS400 and Unix platforms - Last opened list in File and System Menu will now display up to four projects - New 'image printing' feature added. eFORMz can now print color images to any color printer configured in a Windows based environment . Feature also allows printing to non-laser type devices (ie: Deskjet / Inkjet) - Added setting to allow character height to be specified on a Variable - Ability to read text from data files that are in PDF format (images and other such code are ignored) - Right or center alignment, in place action, produced the wrong results if font was changed – fixed - Allow blanks to be entered in search string field of Replace function dialog - Location of Help file changed to the doc subdirectory of the current execution directory
15	6/01/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Resolved issue with source and output tray selection - Default "Save Project As" file name is the name of the currently opened project - Default save project file name for AS400 and Unix Toolkits is the name of the currently opened project - Border display problem in Viewer Tab of system properties dialog
14	5/31/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Option to automatically adjust variables when LPI or CPI settings are changed - VMI settings now available for Place Text and Barcode actions which utilize repeating variable - System date variables added - New AS400 file and directory dialogs
12	5/12/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Fixed email problem on AS400
11	5/10/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Barcode 128 (subset B) is used as default when Code128 is specified - Minor changes to host install. Delay inserted for completion message. Support additional file types. -> Includes the latest revision to mail.jar and activation.jar
10b	5/09/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Fix for barcode 128 - Included activation.jar file in host installs (necessary for emailing from host servers)
10	5/05/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Added data file download/upload for Unix - If Unix connectivity is lost because of inactivity, the connection dialog box is redisplayed - Added Unix command-script builder - Unix connection closed on project connection error - Added Unix connectivity
07	4/28/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Drag of text/barcodes in viewer stopped working after printing - fixed - Occasionally horizontal solid lines would not appear in printed output - fixed
06	4/27/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Fix for viewer split pane (flipping and adjustment problem) - Enabled the hook for the eFORMz manual from the Help Index
05	4/26/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Reduced the number of watermark images for improved print speed in demo mode - Fix for watermark image appearing in viewer - Setting conditions on form properties dialog screen fixed - Post Process command now a separate node under output process in toolkits
04	4/25/05	<p>Release 6.00</p> <ul style="list-style-type: none"> - Fix for lines, boxes and shading missing from form. - Changed .XML extension to .EFZ in the project dialog of the AS400 toolkit
02	4/20/05	<p>Release 6.00</p> <p>Application Features</p> <ul style="list-style-type: none"> - New 'multi-pane' Viewer and Data Editor window <ul style="list-style-type: none"> • Horizontal and vertical display selection • Form and data adjustment toolbar for easier data and form alignment • Optional synchronized window display • Custom zoom control allowing the user to define zoom levels • View data pages fast and easily using the data Forward and Backwards buttons in the viewer • User configurable color text display and data selection options • Drag and drop feature allows text, barcodes and images to be positioned precisely where you want them • Expanded "rules" for data capturing and enhanced data parsing - Enhanced capabilities with Java 1.4 <ul style="list-style-type: none"> • Mouse scrolling • Faster processing

		<ul style="list-style-type: none"> • Optional display environments • Smaller file sizes (output, projects) <p>- Printer control</p> <ul style="list-style-type: none"> • Print output based on a specific page, range, or all selected pages <p>- Toolkits</p> <ul style="list-style-type: none"> • New 'tree' format for print monitor configuration entries • Drag-n-drop capability added to monitor • Nodes in print monitor can be enabled/disabled for testing • Expansion state of each node is remembered <p>Formatting Enhancements</p> <p>- Data Capturing</p> <ul style="list-style-type: none"> • Assign variables to selected ranges of data to allow unlimited actions Actions -> (MOVE / COPY / BARCODE / FONT ...) • Assign Conditions (=, ≠, <, >, STARTS WITH, ENDS WITH, CONTAINS ...) to perform comparisons. <p>- Enhanced Data Parsing Ignore and process vast numbers of control codes such as embedded fonts, barcodes, margin settings, form feeds...</p>
14	1/19/05	Release 5.2 - Fixed problem with orientation sometimes being ignored when outputting to PDF via e-Direct
13	12/6/04	Release 5.2 - Output tray setting fixed
12	11/2/04	Release 5.2 - Check digit generation for USPS barcode fixed - New more accurate micr font code added (MICR13B)
11	10/15/04	Release 5.2 - The disable underline escape sequence now permitted in print file. Previously excluded. - Pass-thru feature in local monitor is now able to handle file names with multiple extensions.
09	08/24/04	Release 5.2 - Fixed erroneous events logged to event log on system startup or spooler reset in port monitor - Print file capture directory can now be extended beyond 40 characters in port monitor - Pass-thru printing in local monitor added (using the '-' in the project name field) - Translate string ending in only a comma (,) will cause the matched string to be deleted - Text no longer broken up when escape sequences in the middle of the line are stripped - Fix for MICR printing on the LJ8150 printer
06	5/26/04	Release 5.2 - Added 'Mixed' option to Data Conversion window, bare LF (linefeeds) replaced with CR/LF in data - Shift In/Out codes removed when 'Strip Esc Codes Sequences' is checked
04	4/15/04	Release 5.2 - Added auto-start parameters to print monitors running from batch - Timeout for connect to SMTP server retries adjusted - Error logging to file added to print monitor - Fixed font size reverting to '0' after creating pages in PDF
01	2/25/04	Release 5.2 - New PDF generation process - Improved quality of PDF output - Esc &l1V interpreted as form-feed - Enabled compression, resulting in smaller PDF file sizes - Removed the queue and job limit entries from the local and AS400 toolkits
50	12/22/03	Release 5.1 - AS/400 configuration problem fix - Extended retry attempts connecting to SMTP host while adding pauses between attempts
48	9/22/03	Release 5.1 - Allow Overlays in Viewer & PDF - Display MICR in Viewer - Display PDF pages as Graphic - Print Select Form and Data supports overlays - Host Install settings retained - Send Project to host, flags forms as 'modified' - Webdimension /e-Direct Update - Font 6,7 added - PDF Landscape support added - Reset Lines per page after rule - Searchable PDF Image - 300 dpi supported - Additional Typeface support - Print Direction

		<ul style="list-style-type: none"> - Vertical motion fix - XML Output with copies - Allow invalid ZBar escape codes - Drag and Drop of rules added - ZBAR data displaying in viewer - fixed - Viewer Fixes - Multiple email address (separated with ';') - Local CFG file fix - ZBar Parsing fixed - XML encoding enhanced - Ecometry Barcode issue - Zipcode/OCRA Barcode fix - Letter gothic font selection code changed to 4102 from 6(applies to rules and form properties) - Letter gothic/fixed spacing fixed - Optional suppression of link to www.minisoft.com in body of emails - Landscape in PDF problem fixed - Blank page at the end of emailed PDFs eliminated - Dialog boxes centered - Center option for rules added - Support for extended characters in viewer and PDF - Include checksum option for barcodes - Line printer font spacing fixed - Centering for proportional fonts fixed - Attachment type setting in E-Direct fixed - Email/Fax operations optimized - Added PDF option for E-Direct print output - Out of Memory errors producing PDF output eliminated - 'Strip ESC codes' option being improperly used in E-Direct - fixed - Output file names from E-Direct changed to eliminate contention - Problem in Local Monitor which caused duplicate output – fixed - Invalid escape sequences in data file eliminated - Duplex printing to pdf fixed - Base macro ID added to project properties
13	04/07/03	<p>Release 5.1</p> <ul style="list-style-type: none"> - PDF Barcode support added - Fonts Optional Form Fix - Resize font 4/5 output - Fax Error fix - Tool-Kit Enhancements - Display Lines default=false - Rules fix for 'IF', 'Then' and 'Else' - Same Line Multiple Font change fix - Email CC/BCC fix - Check for 4.x projects - Print Italic from rules - Viewer Italic from rules added - Replace Form closes .prn after complete - 'Add rule' from Viewer no longer allows negative values - When a form or rule is deleted, all data items no longer expand - When a rule is deleted, all remaining rules no longer compress - Project with no pages/form and data is selected, no longer freezes pgm. - Viewer maintains location when selecting a different page - Display data file name presently opened in tree - AS400 Toolkit stores Submitjob command - Fix for Fonts less than 9 printing too large - Exclude Nulls from data file - Adjusted all fonts for viewing - FF no longer being inserted for blank pages - Optional Form Icon changed - Rules for data adjusting fixed for viewing - Remove Leading/Trailing lines changed to nodes - {Current Font} font in rule, now applies current font - Repeat Rule Option, Line spacing adjusted - Toolkit output file paths displayed - Additional Null data fixes - Postscript to ASCII added, basic support - Extra Space character removed from after LF's - Automatically selects data page - Optional Form will display on Parent form - Embedded graphics will display w/o wiping out form
00	12/31/02	<p>Release 5.0</p>

		<ul style="list-style-type: none"> - Full Data Access. Added features to allow data and escape code manipulation - New Rule Wizard - allows rules to be applied conditionally - Rules can now be repeated without the need to add a new rule for each line - Multiple actions can be performed in a single rule - Rules can be disabled or enabled - Allow removal of ESC Codes - Wildcard selection added to Host Toolkits - Increased font support - e-Direct support for e-mailing, faxing, filing, and printing - PDF support - Licensing changes to eFORMz and e-Direct - Form Viewer has become interactive - Form cache for viewer
09	12/11/02	<p>Release 4.1</p> <ul style="list-style-type: none"> - fix for UPC-A barcode - fix for numeric compare w/dollar amounts - dialog box for linux would hang during login - fixed - fix for Code 128 barcode - MICR adjustments
00	05/15/02	<p>Release 4.1</p> <ul style="list-style-type: none"> - produce PDF output (NT/Unix/AS400 platforms) - added code for Ecometry barcode (order # @ top of page – rel. 5.32) - fix applied to reset font settings after each form is printed - modified text message for spooler program to display 'submit report' - added output tray selection at the form level - removed Code128 trace code left behind from previous test - added European character set - fix to script files for Unix and HP3K servers - modified HP3k login to work w/o passwords - add LPP (lines per page) in & out to page property allowing the expansion of page length
01	11/05/01	<p>Release 3.2</p> <ul style="list-style-type: none"> - started holding LastChar values in HoldLastChar - faster I/O for efzMailer - fixed User Name issues w/Project Send to HP (no more 'hello') - added job or filename selection to AS400pm configuration screen - faster file open/save dialog boxes - removed "Save" dialog from HP3k View SpoolFile option - made a change that may help with memory constraints on AS400 - reduce the size of the CML ACTION, PRINT OPTS columns on the AS400 Toolkit - the Composer lost track of the default directory if canceled out of open/create project ..fixed - if create new project was selected and canceled out, the 'File Already Exists' window used to appear - updated COMDLG32.OCX with newer release - fixed a right justify issue within the rules - fixed local monitor to delete hold file if already exists - fixes for Netprint (HP3K) - added pm options to all Print Monitors (to print, to xml, from xml to print, etc.) - added "Replace Text" rule - added eMail Support (functional) - modified for HP3K Netprint to act as PrintMonitor - modified all fonts, for all labels on all products for linux - modified local PM for Linux/Unix platforms - HP3K ToolKit added (supports NPConfig Mods, Start and Stop Job, Queue Monitor, etc.) - fixed HP3K PM table row widths - added execute on output to Local and AS400 monitors
608	8/22/01	<p>Release 3.0</p> <ul style="list-style-type: none"> - fix for Ecometry barcode (3-across) - fixed insert text rule - changed HPe3000 install from tape to CD
607	7/31/01	<p>Release 3.0</p> <ul style="list-style-type: none"> - split jar into 3 jars - utils, printgen, eformz - renaming of java classes - OCR and Zip+4 fix - added AS400 interface / Print Monitor - fix 2 of 5 barcode (Ecometry zipcode) - fixed the MiniSpooler program to print on NT or Win2000
515	6/13/01	<p>Release 2.2</p> <ul style="list-style-type: none"> - fixed HP spool retrieval utility - improved viewer display - change FTP to send hp3.jar in place of hp3000efz.jar - improvements to hp3000 spool file access - rebuilt as400efz.jar and HP's socket listener so they are smaller

		- additional adjustments made to MICR font
506	5/15/01	Release 2.2 <ul style="list-style-type: none"> - added AS400 GUI interface - fix on host install program - added AS400 and HPe3000 spoolfile access client support - added Host Tools tab on main window - moved Send Project to Host under Host Tools tab - added Java listener capabilities for HPe3000 – requires NetPrint ver 2.28 - replace page ejects with form-feeds when processing Ecometry print files
437	04/26/01	Release 2.1 <ul style="list-style-type: none"> - fix view data page size - added 'To Printer...' option - fixed Rotate Rule - allow XML data to include rules - fix for allowing legal/landscape form to be edited (note: still an issue with displaying from the viewer) - added support for encodings, customer formfeed (FF) and custom line per character - NEW project property screen - fix for Ecometry vertical barcodes (Airborne Express) - fix for barcode (3 of 9) - added padding for lines per page – occurs only if a value exists in lpp and data contains formfeeds - change the way eFORMz handles resets (esc 'E') – will issue formfeeds if data exists - added code for AS400 requirements - close spooler utility program when called from Composer (after printing) - made additional character spacing adjustments to bank MICR code
421	03/12/01	Release 2.1 <ul style="list-style-type: none"> - fix for MICR font. Character spacing adjusted - more in line with standard pre-printed check output - added Windows shortcuts for Composer and Spooler during installation - increased Max Forms to 50
420	03/01/01	Release 2.1 <ul style="list-style-type: none"> - chg 'Top Margin' to read 'Data Top Margin' in Form Property window - fix 'page eject' on Forms Property (would auto select if viewed) - increased Max Forms to 30 - rotated (SGA) labels - would overwrite data when used with pass-thru w/Rules & barcodes (fix was to ignore rotated label in data editor)
415	02/26/01	Release 2.1 <ul style="list-style-type: none"> - added insert form rule / allow "I" in 'Apply Rule If' for multiple selections of data - issue new manual w/recent changes - fix for vertical scroll in tree - enlarge Composer window on startup - fix for Rule property window not opening - fix MICR spelling and change barcode rule name - better XML output w/Include Forms/PCL switches - new pass-thru options - fixed tree
403	02/02/01	Release 2.1 <ul style="list-style-type: none"> - fix for problems found in 400-402 relating to HP FTP transfers & SGA barcodes not printing.
326	12/28/00	Release 1.2.1 <ul style="list-style-type: none"> - address Linux FTP issue - fix NT forms not appearing correctly - still an issue w/graphical headings but will be resolved - address memory leak - resolved ½ line feed issue (requires the use of the Remove Line rule) - fixed issue with pass-thru printing (lines per inch was being ignored) - add code to allow ftp transfers to AS400 - add paper-tray option at the form level - added more font values and new feature for pass-thru & eFORMz barcoding - added OCR font and new MICR font (using E-13B standard)