

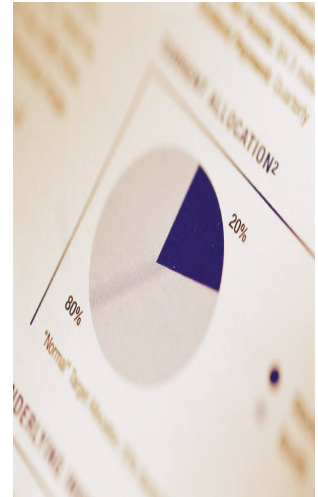
R-Forms Solutions

Increasing IBM iSeries Workflow and Business Efficiency

MessageVision is a leading provider of solutions for automating, managing and delivering business-critical information by harnessing the power of fax, Web, e-mail, and emerging communications technologies.

To further compliment MessageVision's suite of services we partner with our co-subsiary, Resolutions to offer R-Output Manager and R-Forms, providing even more enhanced integration capabilities to MessageVision's information distribution services. R-Output Manager ensures the reliable distribution of individual or production documents and reports to multiple destinations across the enterprise, internet and beyond.

R-Forms 400 is an iSeries based advanced electronic form solution for all production critical documents. R-Forms 400 will handle all document printing and distribution needs. Documents become easier to read and perfectly laid out for the needs of users. R-Forms 400 generates eForms that can be printed, faxed, emailed, archived or posted to the Web. All of this is accomplished without special programming or operator intervention. With R-Forms 400, information becomes more valuable allowing users to make better, more efficient decisions.



R-Output Manager Tools

R-Output Manager is the ideal way to for companies to automate report distribution and archiving. The software, using 'if then' logic based on system values or data, sorts and separates batch spool files into individual pages, and then converts the reports into PDF, TIF or HTML files for emailing, faxing, archiving or placement on a Web server. Extensive implementation of variables allows spool file data and database fields to be passed as command parameters and also enables the creation of dynamic email and fax cover pages.

Basic features:

- Automate production document generation
- Sort & Split a batch file into individual transactions
- Create PDF and HTML output from spool files
- Automatically distribute output via Email, Fax or Web presentment
- Automatically archive production documents into our Archive/Imaging product
- Email directly from iSeries
- Even driven monitoring of output queues

R-Forms...Advanced Electronic Forms Solutions

R-Forms Solutions let customers design and populate electronic documents with ease while eliminating costly pre-printed forms by printing to inexpensive laser printers or delivering documents automatically by email or MessageVision Fax Service. R-Forms Solutions also re-format and enhance iSeries 400 spool file processing by adding conditional logic/data, logos, graphics, bar codes and other document elements with complete accuracy. Users may actually cut document page counts by 40 - 70% while increasing readability and further reducing material costs related to postage and printing.



R-Forms...Advanced Electronic Forms Solutions

R-Forms 400 Basic Features

- Convert the generated PCL output to a TIF file
- Convert your spool files to PDF files ... even add a logo
- Send the TIF or PDF files as Fax through MessageVision-Fax
- Send the TIF or PDF files as E-Mail, directly from your iSeries/AS/400 machine
- Set up and maintain your Data Mapping with a user friendly GUI
- Monitor your Output Queues via Data Queues or Timer
- Add conditional logic and extracted variables to your automation definitions
- Have multiple instances of the monitoring jobs active
- Start/Stop individual monitors or Instances via program

R-Forms 450/460 Feature Additions

- Support color documents • Greater fonts selections
- Maximum resolution support for laser printer
- PDF output (R-Forms 460)
- PostScript, AFP as well as PCL output
- Data string and concatenation functions
- Picture formatting (add floating \$ sign to a number, add leading zeros, etc.)
- Left and right adjustment of data within the fields
- All Barcode types supported including PDF 417
- Page X of Y numbering • Bar & Pie Charts
- Multi-language support with the use of layers

Please refer to the comparison chart at the end of this document to review the different R-Forms solution features.

R-Forms...Improving Production Workflow



R-Forms 400 Production Forms Creation and Process Flow

With R-Forms 400 you define a Transformer which consists of the spool file input definitions and output specifications. The input definitions locate the data elements within the spool file and associates field names for use in the output specification. The output specifications contain the X/Y placement, font and condition for each field, additional text, Barcodes etc. that will be placed on the document.

A form overlay is designed containing lines, images, shaded areas and fixed text. Each different image/form is designed and stored separately on the iSeries.

When the RFLMERGE command is executed, a PCL output file is generated that places the output data on top of the form overlay. The output of RFLMERGE can be distributed in either PCL or TIF format.



R-Forms 450 and R-Forms 460 Process Flow

With R-Forms 450 and R-Forms 460 fields are placed on the form during the design process (if you have existing form overlays, however, you may add the fields to the existing form designs). These fields on the form define the font and size that will be used on the output. This eliminates the tedious measurements required to place fields using the legacy methods of other forms products.



Date	Amount
10/20	\$ 738.97
10/21	526.82
10/22	580.53
10/23	524.21
10/24	362.24
10/27	398.42

R-Forms Function Comparison Chart

	R-Forms 400	R-Forms 450	R-Forms 460
Fully automated interface for document operations (R-Output Manager)	✓	✓	✓
Sort and split spool files	✓	✓	✓
Use data from spool files in automation steps	✓	✓	✓
Use spool file attributes in automation steps	✓	✓	✓
Use values from data base lookup in automation steps	✓	✓	✓
Process selected pages of spool files	✓	✓	✓
Conditional logic in automation steps	✓	✓	✓
Merge Spoolfile with form overlay	✓	✓	✓
Merge Spoolfile with intelligent form	✗	✓	✓
Output in 300 DPI PCL format	✓	✓	✓
Output for color printers + A13	✗	✓	✓
Output in high resolution PCL format	✗	✓	✓
Output in Postscript	✗	✓	✓
Output in PDF format	✗	✗	✓
Present data as 1 dimensional barcode	✓	✓	✓
Present data as 2 dimensional barcode	✗	✓	✓
Present data as Pie-Chart, Bar-Chart or Line-Chart	✗	✓	✓
Convert spool files to HTML	✓	✓	✓
Convert spool files to PDF	✓	✓	✓
Convert spool files to text files	✓	✓	✓
Convert generated PCL output to TIF	✓	✓	✓
Transfer output files to an IFS folder	✓	✓	✓
Preview PCL output from R-Forms 400 GUI	✓	✓	✓
Preview PCL output from R-Forms green screen	✓	✓	✓
Preview PDF output from R-Forms green screen	✗	✗	✓
Create Positive Pay File for checks	✓	✓	✓
Interface for Resolutions' Redmap Imaging and Archiving products	✓	✓	✓
Interface for R-Fax (send and receive faxes from iSeries)	✓	✓	✓
Interface for R-Mail (send E-Mail from iSeries)	✓	✓	✓