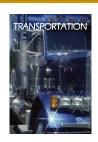
# Real Vision Imaging

# System i & iSeries Document Imaging Report Capture & Archiving System

May 2007













# Cross Industry Provider for Content Management















System i & iSeries Based Imaging System Seamless Application Interface User Friendly Design
Cost Effective CPU Pricing Only

RVI Supports WebSphere HATS & WebFacing

For Additional Information, Please Contact

Real Vision Software, Inc.

www.realvisionsoftware.com 318.449.4579

#### Welcome to RVI

RVI offers a complete Content Management solution for any type of industry.

From accounting and distribution to E-commerce and customer relationship management, RVI can expand to accommodate your business growth.

As an RVI customer, you will appreciate the functionality that it has to offer. If you are seeking a more complete imaging solution, RVI is the next logical step.

Once implemented, it will not take long before you realize why RVI is the leader in document imaging for the System i & iSeries. Plus, our Tech Support Specialists offer you exceptional software support to ensure your business continues to operate smoothly.

The advantages of RVI are truly numerous. Read further to discover why RVI represents the logical software choice.

## Benefits of using the RVI Imaging System vs. doing "business as usual"

- ▶ Higher work productivity for employees.
- ▶ Higher customer satisfaction. Questions and problems are resolved much faster.
- ▶ Reduced dependency on paper. Information is available to all System i & iSeries users electronically.
- ▶ Eliminates the problem of lost files or important documents.
- An instant microfilm or microfiche replacement system that is more cost effective and easier to retrieve historical data
- ▶ Eliminates the need for printing multiple copies of reports for different departments or remote locations.
- ▶ Eliminates the need for expensive, non-productive storage areas that could be production areas.
- Reduces accounts receivable billing cycles.
- ▶ Brings a higher level of efficiency to day-to-day business operations.
- ▶ One of the greatest benefits enjoyed by RVI users is the ability to use one host based imaging system software, interfaced with their business application, that maintains black & white documents, color pictures and spool file reports in one native System i & iSeries database. This eliminates the need for several different stand-alone imaging systems to provide all the needed functions.
- ▶ No need to have multiple vendors to deal with.
- ▶ The lack of continuity for support issues and product enhancements.
- ▶ Eliminates the need for expensive off site storage space.
- Provides for disaster recovery.

#### RVI **SPOOL FILE** IMAGING SYSTEM (COLD)

The RVI Spool File System is an entry level imaging solution for System i & iSeries spool file capture, storage and retrieval. It eliminates the need for microfiche and multiple copies of printed reports. This system is fully upgradeable to the RVI Complete Imaging System.

#### **RVI BASIC IMAGING SYSTEM**

The RVI Basic Imaging System is an entry level imaging solution for scanning, storing and retrieving black & white documents. Commonly referred to as an *Electronic File Cabinet*, it is fully upgradeable to the RVI Complete Imaging System.

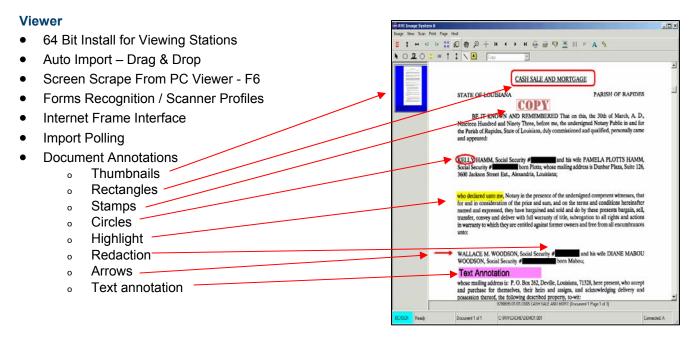
#### RVI COMPLETE IMAGING SYSTEM

The RVI Complete Imaging System is a powerful and robust imaging solution that incorporates all features of the two entry level systems plus, advanced imaging functions to satisfy a variety of business needs. Like the Spool File and Basic Systems, RVI Complete is easily integrated with an System i & iSeries application, user friendly and scalable from a pilot program to an enterprise wide solution.

#### New 8.0 Release Enhancements

#### **General Enhancements**

- Supports up to 99 indexes per image
- Drop down value list for index lookups in scanning, indexing, and image inquiry
- Non-EHLLAPI emulators supported
- View image selection screen in PC Viewer
- F20 to print the Image Selection List from the Green Screen



#### **Scanning**

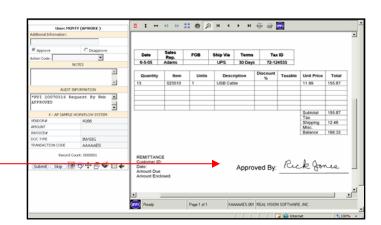
- Auto Redaction for scanning and indexing by document type
- Support for scanning to multiple servers
- Scan profiles expanded to include OCR scanning
- Supports 99 indexes
- Drop down value list for index entry

#### Indexing

- Screen Scrape and Batch Indexing
- Assign index values for up to 99 indexes
- Option for repeating last values keyed
  Ability to skip items
  Attach to last indexed item
  Versioning of OEM documents

#### **Spool File**

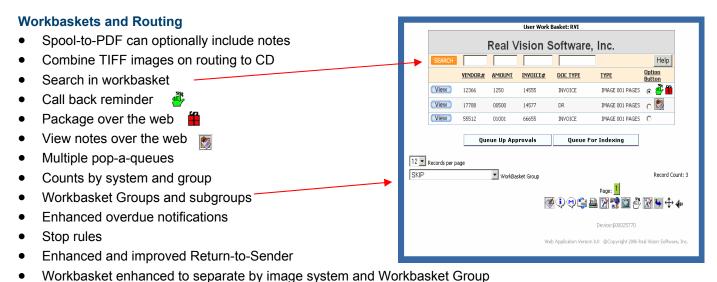
- Manual signature merge
- · Standard capture indexing up to 99 indexes
- Form Profile name easily added to document types



#### New 8.0 Release Enhancements, continued

#### **OCR**

- Scan Profiles expanded to include OCR scanning
- Highlight of OCR words
- OCR results searchable by Image System ID and Index Value

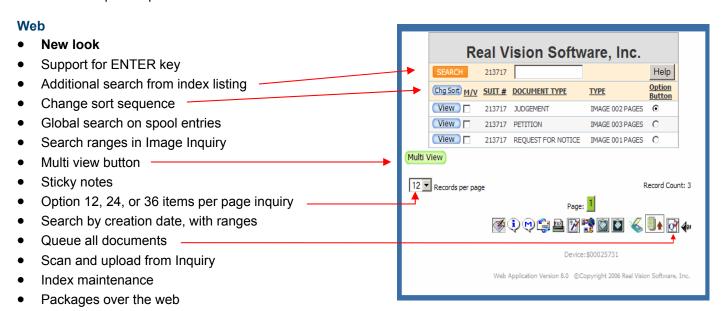


#### **Imports**

- Import and burst most multiple-page PDF documents. Manually indexed or with exit program
- Improved auditing for imported documents
- Import rules and capture

Enhanced auditing

ASCII-to-Spool Import



- Custom menus
- HATS or WebFacing in Internet Frame
- Drop down values list for indexes for pre-determined indexes

#### Additional Product Features

#### **Image Management-Workflow**

- Overdue notifications by email, report or message to user and supervisor
- Approval or Disapproval status of items within a work queue
- ▶ Auto-delete and additional routing from that users work queue after Approval/Disapproval
- ▶ Combine multiple documents into one file to email or fax

#### **Image Management-Route To CD**

- ▶ HTML file with column sorting capabilities
- Spool files and images converted to PDF

#### **PC Viewer**

- External list of associated file types to launch an external viewer
- Thumbnail view of documents
- Pick and choose selected pages from thumbnails for viewing
- Enhanced Permanent History functions with selected delete option
- ▶ RVI PC Viewer externally callable from user PC application
- Multiple colored highlights
- Search for text within OEM documents
- Embedded Web capability inside RVI PC Viewer for inquiry, workflow, and scanning

#### **GUI Spool File Viewer**

- Now embedded within the RVI PC Viewer and supports Sticky Notes
- Multiple GUI reports viewable concurrently

#### Scanning

- Kofax and Twain scanning support during same scanning session
- Shuffle pages during scanning prior to acceptance and upload
- ▶ Delete pages during scan prior to acceptance and upload
- Rotate and save during scan prior to acceptance and upload
- More descriptive indexing from BC/OCR button, based on System Code
- More descriptive index assignment from standalone PC scanning, based on System Code

#### **Web Application**

- ▶ Scanning from the Web in black & white or color
- ▶ Importing external files using a *Drag and Drop* procedure
- ▶ Display scanned images, spool files, spool-with-green bar, spool-with-scanned-overlay as PDF in Web Viewer
- Batch indexing through the Web
- Document Tabbing inquiry through the Web
- ▶ Multi-line notes in Web Viewer
- Web column sorting for inquiry
- View route members workflow entries over the Web
- ▶ Auto detect and download Web Viewer

#### Standalone PC Inquiry

- Choose to display the image inside this application or the PC Viewer
- Scanning in black & white and color
- Importing OEM documents

#### **RVI Complete System**

- ► Email scanned images, spool files, spool-with-green bar, spool-with-scanned-overlay as PDF
- ▶ Multiple PDF overlays for different pages in spool files
- ▶ Supports WebSphere HATS and WebSphere WebFacing

#### **RVI Spool File**

- Automatic Date reformatting
- Multiple report field combined into one index
- ▶ Enhanced Float capabilities
- Right justification of index values including the zero-fill option
- ▶ Enhanced literal value functions
- Enhanced CPI and LPI functions
- Support for including overlays with spool data

#### **Conversion To PDF**

The following types of data can be converted to PDF format:

- ► Most TIFF image formats
- Most JPEG image formats
- ▶ Most MODCA/IOCA image formats
- ▶ AFP spool files
- Text files
- Spool data captured into RVI can now be converted to PDF using user-defined font, point-size, and page sizes

#### **TIFF Image Handling**

► Enhanced System i & iSeries (Direct-Print will print multiple-page and multiple-strip TIFF images)

#### **Email From System i & iSeries**

- ▶ Up to 30 attachments per email from the RVI Inquiry screen
- ▶ Multiple addresses, including To: and Cc: addressing
- Each System i & iSeries user has their own individual return address
- Customizable program to get return address based on System i & iSeries User ID
- ▶ Unlimited message text when sending interactive email
- ▶ AFP documents emailed as TIFF images or PDF

#### **Indexes**

 Release 7.0 will provide setup, maintenance, and search capability for 99 indexes per image

#### **Data Storage/Archive Options**

- DASD / IFS
- ▶ Optical (IBM 3996 or Plasmon G Series Direct Attached)
- Network Drives

# FEATURES THAT MAKE RVI "THE REAL SYSTEM I & ISERIES IMAGING SYSTEM" >>>>

SYSTEMS	RVI BASIC	RVI SPOOL	RVI COMPLETE
System i & iSeries Software Tier Pricing, no additional scanning station or workstation fees	YES	1 Price \$10,000	YES
Windows 2000, XP, or Vista are supported for viewing stations. Any PC, monitor or printer that can be configured under these operating systems will be supported by RVI. Refer to the RVI Hardware Guide for supported Windows PC's for scanning stations.	YES	PC GUI VIEWER	YES
Intelligent and non-intelligent workstations can be used to view spool file reports.	NO	YES	YES
Cooperative Processing, PC to System i & iSeries using a supported emulator, EHLLAPI support is optional.	YES	YES	YES
IFS Support (Integrated File System)	YES	YES	YES
Lotus Domino support	YES	YES	YES
Images can be stored on the DASD of the System i & iSeries, network drives, the IBM 3996 or Plasmon G Series direct attached optical drive. Additionally, RVI permits the user to determine how long images remain on DASD for online response, with a permanent copy being maintained on optical for near-line access.	B&W SCANNED DOCUMENT	SPOOL FILE REPORT	YES
If inbound and outbound faxing is part of the installation, RVI supports Facsimile Support for the System i & iSeries from IBM , FAX STAR, Fax 400 from cma ettworth.	YES	YES	YES
Two Dimensional Native System i & iSeries Database allows up to 65 individual imaging systems each supporting up to 99 user-defined key index fields.	YES	YES	YES
"Image Enabler", RVI can be integrated into any System i & iSeries application with as few as 4 lines of native code. Screen Scrape interfacing can be used if source code is not available.	YES	YES	YES
PC Application Interface	YES	YES	YES
Auditing for scanned images, uploads, spool file capture and imported documents	YES	YES	YES
Black & White document scanning, storage and retrieval	YES	NO	YES
Advanced Image Processing with despeckle, deskew, deshade, black line removal	YES	NO	YES
Color Capture and Color Scanning, storage and retrieval functions	NO	NO	YES
Document Tabbing allows the user to group similar documents and tabs together for departmentalized viewing. Can be used for convenience or additional security.	NO	NO	YES
Advanced Workflow functions, Image Management using Rules Based Routing, Packages, Online Approval, Call Back Reminder, Aging Notification, Automatic Email, Fax or Printing, plus much more.	NO	NO	YES
A Graphical Workflow Designer is provided as part of the base imaging system for Advanced Workflow users.	NO	NO	YES
RVI PC Viewer support simultaneous viewing of black & white, color, spool file, imported external documents and AFP Spool files. User can merge two images for viewing. Automatic viewer startup on image request.	NO	NO	YES
RVI Basic and Spool File Systems can be upgraded to the RVI Complete Imaging System with only a differential license fee required.	YES	YES	N/A

# COMPARE & SEE THE *DIFFERENCE!*

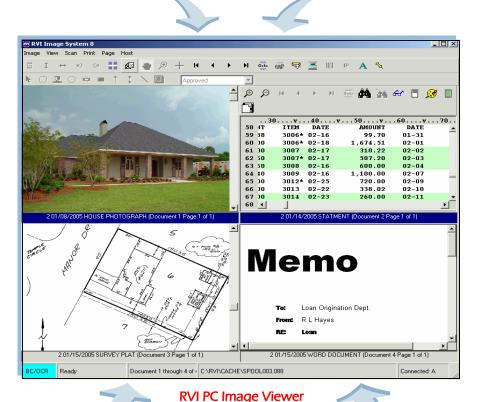
SYSTEMS	RVI BASIC	RVI SPOOL	RVI COMPLETE
Image System Security is User ID, System and Document Group Tab and Index level, (Document Group for RVI Complete only)	YES	YES	YES
Rendition billing allows the user to correlate spool files and images for printing to an attached PC printer or use Direct Image Printing through the System i & iSeries.	NO	NO	YES
Note Pad function is used to add text notes to existing images.	YES	YES	YES
Import and Index External Documents into the imaging system for viewing, printing or faxing. (Word, WordPerfect, Lotus, Excel and many others). Drag & Drop and Full Text OCR is supported.	YES	NO	YES
Non-Proprietary image formats are supported and permits porting down to PC programs such as desktop publishing or into other imaging systems.	YES	YES	YES
Redaction function blacks out areas in an image.	YES	NO	YES
Versioning function keeps track of all versions of the original document.	YES	NO	YES
Spool file report capture, storage and retrieval functions with data compression to DASD and optical, PDF support for captured spool files and support for files greater than 198 columns	NO	YES	YES
Report Distribution, for routing spool file reports to specific users	NO	YES	YES
Standard and Boolean searching of captured spool files reports. (System i & iSeries Advanced Viewer or PC GUI Spool File Viewer), Pre-search for specific data from within multiple reports that results in a subfile listing of matching reports	NO	YES	YES
Range searching from within range from all seven index fields	YES	YES	YES
Branching from within a spool file to associated indexed data through the use of "Hot Spots", Repeat view available from the history log, "Point and Shoot" setup	NO	YES	YES
PC GUI Spool File Viewer, in addition to the Advanced System i & iSeries Green Screen Viewer	NO	YES	YES
AFP capture, index, view, print and fax capabilities, can also print and fax with overlays.	NO	YES	YES
Supports faxing spool files with overlays along with images using the "Rendition Billing Procedure".	NO	NO	YES
Spool file to ACSII conversion	NO	YES	YES
Bar-Code recognition with enhanced review and update procedures	YES	NO	YES
Email supported using the customers installed email system	YES	YES	YES
Video and Audio support	YES	NO	YES
Internet Support is part of the base imaging system with an RVI developed web viewer. Users without RVI Web Viewer can display images using PDF.	YES	YES	YES
Overlay viewing is the ability to merge a pre-scanned template with spool data for viewing at a PC workstation. Overlays can also be queued for viewing. One template is stored and does not require copies of templates to be loaded on each viewing PC.	NO	YES	YES

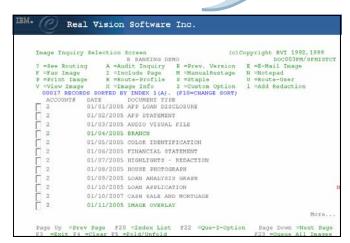
### With RVI, You Choose The Presentation Style





RVI System i & iSeries Green Screen





Real Vision Software, Inc.

Document Imaging For The Host System

ACCOUNTS DATE DOCUMENT TYPE
2 01/02/2005 MF STATEMENT IMAGE OO1 PAGES
2 01/04/2005 BRANCH REPORT OO1 PAGES
2 01/05/2005 COLOR IDENTIFICATION IMAGE OO1 PAGES
2 01/05/2005 COLOR IDENTIFICATION IMAGE OO1 PAGES
2 01/05/2005 HOUSE PROTOGRAPH IMAGE OO1 PAGES
2 01/05/2005 AGAIN SALE AND HORTOGE HANGE OO3 PAGES
2 01/10/2005 HANGE OVERLAY REPORT OO1 PAGES
2 01/11/2005 HANGE OVERLAY REPORT OO1 PAGES
2 01/13/2005 STO IMAGE OO1 PAGES
3 01/13/2005 STO IMAGE OO1 PAGES
3 01/13/2005 STO IMAGE OO1 PAGES
4 01/13/2005 STO IMAGE OO1 PAGES
5 01/13/2005 STORVEY PLAT IMAGE OO1 PAGES
5 01/13/2005 STORVEY PLAT IMAGE OO1 PAGES
5 01/13/2005 STORVEY PLAT IMAGE OO1 PAGES

WebSphere HATS

**PC Stand Alone System** 

#### The RVI Internet Look



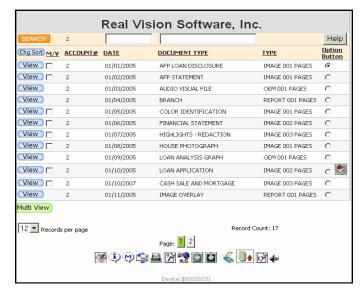
Through the Real Vision Internet Security Screen, the user can establish security for each individual imaging system based on the application requirements. In the Real Vision Complete Imaging System, security can be assigned by User ID, System and Document Tab Group.

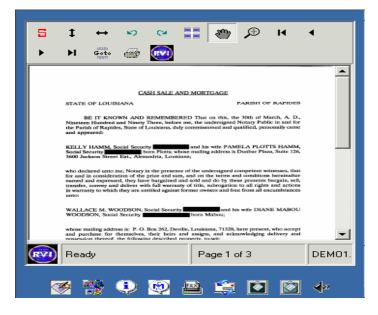
Access is granted here to those customers with a valid Account Number and Password.

The RVI Internet System offers several different methods of obtaining information that has been stored in the Real Vision Imaging System.

- From a company regulated security screen, normally for customer inquiries
- From an interfaced application, company employees or customer inquiries
- Standard image inquiry, normally office personnel
- Work queue access for users in the workflow process

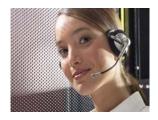
This subfile reflects all the available images that the user has access to and from the RVI Imaging System.





Using the RVI Imaging System, you can view scanned documents, color images, spool file report data and overlays in the RVI Web Viewer, scan and upload to the Host System and perform workflow functions over the Internet.

- View notes
- Add notes
- Route Images
- See Detail Information
- Fax Images
- Email Images
- Audit Inquiry
- Workflow Audit Inquiry



#### Common Questions & Answers

#### 1. What computer system does the RVI Imaging Software support?

RVI is an System i & iSeries based imaging system that maintains all the image indexes in one native System i & iSeries database. RVI uses a PC in cooperative processing for scanning and viewing functions, with all the commands originating from the System i iSeries.

#### 2. How difficult is it to implement the RVI System?

Not difficult at all. An interface to the System i & iSeries business applications can be accomplished with as few as 4 lines of native code or through the use of Screen Scraping. This provides a seamless interface with the users application and permits them to easily enter and leave the RVI System.

#### 3. Is the RVI Imaging System specific to any one industry?

No. RVI is used as a cross industry imaging solution. RVI, when interfaced with a business application, brings all the needed benefits and features of imaging to any System i & iSeries application.

#### 4. Will RVI function on the newest System i & iSeries operating system?

Yes. RVI is not operating system dependent and supports V5R1 and above.

#### 5. Is RVI limited to just document imaging?

No. RVI is a feature rich content management system that incorporates black & white scanned images, color images, spool file reports and imported external documents into one imaging system that the user can easily access from their business application.

#### 6. Are images stored in proprietary file formats?

No. RVI stores images in PC based file formats like TIFF, IMG, PCX, etc., not proprietary formats like many other systems.

#### 7. Where are images stored?

Images can be stored on the DASD of the System i & iSeries, network drives, the IBM 3996 or Plasmon G Series direct attached optical drive. Additionally, RVI permits the user to determine how long images remain on DASD / IFS for on-line response, with a permanent copy being maintained on optical for near-line access.

#### 8. What is the reason customers use optical for data storage?

The two primary reasons are, (1) if there is a corporate or legal requirement that the data captured must be maintained on a "write once read many media" and (2) as part of their disaster recovery plan the customers wants to be able to maintain a copy of stored data plus daily backups off site, then the optical satisfies those requirements.

#### 9. What can I view using my existing System i & iSeries dumb terminals?

Any terminal attached to the System i & iSeries can view spool file reports from the RVI Imaging System. RVI also offers the ability to add a text overlay to provide descriptive information for data being viewed by the user.

#### 10. What do I need to view black & white scanned documents, color images or imported external documents?

RVI requires a PC configured with Windows 2000, XP or Vista with an approved emulation program like IBM Client Access and connectivity to the System i & iSeries.

#### 11. Does RVI support Redaction?

Yes. The user, based on security, can perform manual redaction on scanned images. RVI also offers Auto Redaction to be performed on pre-defined zones.

#### 12. Does RVI require additional PC servers for the imaging system?

No. RVI is System i & iSeries based, there is no additional requirement for additional PC servers.

#### 13. For Internet access can RVI deliver images as a PDF?

Yes. If the presentation style is set to PDF RVI will enable Internet users to view scanned images, color images, captured spool files and overlays as a PDF for viewing in the Adobe Acrobat Viewer.

#### 14. Does RVI offer routing or workflow capabilities?

Yes. RVI Complete has a function called *Image Management / Workflow* which permits the user to establish routing profiles and assign the people within that profile to accomplish the work. Additionally, RVI Complete offers advanced workflow functions and a GUI Workflow Designer with no user fees.

#### 15. Is there a way to group like documents in the imaging system for ease of use or for security?

Yes. RVI has a function called *Document Tabbing* that permits the user to group similar type documents for convenience or to satisfy specific security needs.

#### 16. How does RVI get the indexing information during the scanning operation?

RVI can accomplish indexing in 4 ways:

- Indexes are passed automatically from the users application.
- Documents are scanned in *Batch* and indexed at a later time.
- Using bar code recognition
- Using OCR, optical character recognition
- Screen scrape indexes

#### 17. Does the RVI licensing involve workstation or user fees?

No. The RVI Imaging System offers CPU pricing with no additional workstation or user fees.

#### 18. Does RVI support a wide range of scanners?

Yes. Kofax Image Controls is the backbone of our PC scanning and viewing operation. Any scanner that is supported by Kofax is supported by RVI. For low-end scanners, RVI also offers TWAIN scanner support as part of the RVI Basic or Complete Imaging System.

#### 19. Does RVI offer the ability to attach notes or messages to images on file?

Yes. RVI has a feature called *Notepad* which enables the user to attach a written text note to any image or spool file report that has been indexed into the imaging system. When a note is written, the user ID and date are automatically entered. RVI also permits the user to leave the note open as a reminder for future action and notes can be added to specific pages.

#### 20. Does RVI have the ability to add annotations?

Yes. RVI permits the use of annotations or image mark-up on black & white scanned documents.

#### 21. Does RVI offer inbound and outbound fax support?

Yes. If inbound and outbound faxing is part of the installation, RVI supports Facsimile Support for the System i & iSeries from IBM , FAX STAR, Fax 400 from cma ettworth.

#### 22. Can RVI be implemented in a confined area or application with the ability to expand in the future?

Yes. RVI, as a result of being System i & iSeries based, has the ability to start as small or as large as the customers needs dictate. RVI normally recommends that all new image customers begin their imaging project with a pilot program to enable them to become familiar with the system and all its functions. From the pilot program, they can expand imaging to other applications or departments as needed.

#### 23. Does RVI have security?

Yes. RVI offers security by System, User ID, Document Type down to index level. Additionally, RVI provides the ability to secure the availability of user options, such as print, fax, e-mail, etc.

#### 24. Can RVI use IFS, Integrated File System?

Yes. As an alternative to QDLS for those customers requiring a large amount of data on DASD, RVI recommends using IFS.

#### 25. Does RVI provide software and customer support for the imaging system?

Yes. RVI provides 100% of the support for the imaging system. The customer doesn't deal with multiple vendors for problem resolution. For customers on active support RVI provides software full support and provides enhancements for those customers at no additional charge.

RVI is devoted exclusively to the development, distribution and support of the Real Vision Imaging System and does not sell its own software or related equipment to end-users. Software and equipment sales are accomplished by RVI Certified Business Partners.

#### 26. Does RVI offer Internet support?

Yes. The RVI Imaging System provides Internet support with an RVI developed Internet viewer that supports Internet Explorer. This Internet viewer is part of the RVI Imaging System and is available without user fees for all RVI customers. Internet implementation can be accomplished 4 ways:

- 1. Enable an existing web application
- 2. Secure image inquiry
- 3. Workflow over the Internet using the RVI Internet viewer in a web browser
- 4. Standard image inquiry, this is normally used for Intranet user access

#### 27. Can multiple people access the same image or report at the same time?

Yes. There are no restrictions on the number of users that can access the same image or support simultaneously.

# 28. For viewing overlays, captured spool files merged with a pre-scanned template, invoices, statements, etc., does RVI require the users to have the templates on their viewing PC?

No. With RVI, because spool file capture and document imaging is within one imaging system, RVI only requires the user to scan and save the overlay template one time and store it as a TIFF image. Then, overlay viewing is available to all image users at PC imaging workstations.

# 29. Does the RVI Imaging System require additional software scanning station licensing fees for each scanner installed?

No. With RVI, scanning and viewing are a part of the base imaging system and there are no additional scanning station licensing fees.

# 30. Does RVI incorporate Workflow, Graphical Workflow Designer, Internet support, Report Distribution, a GUI Spool File Viewer, etc., in the base imaging system or are these add on modules like most other imaging systems?

All these functions and much more are part of the base RVI Complete Imaging System, they **are not** sold as add *on* modules and there are no user fees.

#### 31. Does RVI support Report Distribution?

Yes, Report Distribution is supported in either RVI Spool File System or RVI Complete.

# 32. How can RVI incorporate all of this functionality into the imaging system and not require the customer to buy the separate modules?

Unlike most other imaging systems that incorporate a number of other external products or *components* together to provide imaging functions, RVI developed and owns 100% of their imaging system. This gives RVI the ability to control the software pricing because there are not a lot of *component* licensing fees and separate support fees that must be passed on to the end user.

#### 33. What are the 5 most important factors that make customers choose the RVI Imaging System?

- 1. First and foremost, it is System i & iSeries based, not a PC stand-alone system. With the System i & iSeries, the customer knows they will experience much higher system reliability than a PC network system can provide.
- 2. Easy to implement and maintain
- 3. Feature rich
- 4. User friendly
- 5. Cost effective







