

Technical Specifications For ImageNow 6.2



These product technical specifications are for ImageNow 6.2 use only. They are not intended as a guide for earlier versions of ImageNow. All other Perceptive Software products listed in this document require ImageNow 6.2 to run. Refer to www.imagenow.com for the latest copy of this document.

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About the technical specifications

These technical specifications provide the specifications for the ImageNow product line produced by Perceptive Software, Inc. The technical specifications in this document are specific to ImageNow, version 6.2. A new technical specification will be provided for each release (6.2) and point release (6.2.1). For the most accurate information, refer to the technical specifications document that matches your version of ImageNow.

A required amount of memory and disk space is provided for each ImageNow product. You must meet these requirements to support your ImageNow system. These requirements specifically list the needs of the ImageNow product line and do not include any amount of memory or disk space you require for the operating system, environment, or other software that runs on the same computer.

In addition, some technical specifications also provide recommendations. While requirements define the minimum system required to run ImageNow products, the recommended specifications serve as suggestions to improve the performance of your system.

Requirements for third-party products that work with ImageNow, such as scanners and fax boards, are provided in separate documents. For information about supported scanners, refer to the *Scanner Options Reference Guide* document. For information about supported fax boards, refer to the *Fax Agent and Fax Board Options* document.

ImageNow Server 6.2

The ImageNow Server is the engine that powers the ImageNow system. The minimum technical specifications required for the ImageNow Server, as well as recommendations, appear in the following table:

Specification	Description																		
Hardware	A server class system is required to run ImageNow in an enterprise environment. ImageNow performance is directly affected by the processing power of this server.																		
Operating Systems	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #4F81BD; color: white;">Operating System</th> <th style="background-color: #4F81BD; color: white;">Supported Version</th> <th style="background-color: #4F81BD; color: white;">Supported Processor</th> </tr> </thead> <tbody> <tr> <td>Microsoft Windows Server</td> <td>Microsoft Server 2003 SP2 or later, or Microsoft Server 2008 requires the following Microsoft patch: http://support.microsoft.com/kb/949700</td> <td>As a minimum requirement, use a dual core processor running at 2 GHz.</td> </tr> <tr> <td>HP</td> <td>HP-UX 11i</td> <td>The PA-RISC processor.</td> </tr> <tr> <td>Linux</td> <td>RedHat Linux, version 4 and 5 SUSE Linux, Enterprise 9 and 10, SP1 or later</td> <td>The X86 (Intel and AMD) processor. As a minimum requirement, use a dual core processor running at 2 GHz.</td> </tr> <tr> <td>AIX</td> <td>AIX version 5.2 and 5.3. You must have the C++ compiler installed for AIX.</td> <td>The POWER processor on system i and system p.</td> </tr> <tr> <td>Sun</td> <td>Solaris 9 and 10</td> <td>The SPARC processor.</td> </tr> </tbody> </table>	Operating System	Supported Version	Supported Processor	Microsoft Windows Server	Microsoft Server 2003 SP2 or later, or Microsoft Server 2008 requires the following Microsoft patch: http://support.microsoft.com/kb/949700	As a minimum requirement, use a dual core processor running at 2 GHz.	HP	HP-UX 11i	The PA-RISC processor.	Linux	RedHat Linux, version 4 and 5 SUSE Linux, Enterprise 9 and 10, SP1 or later	The X86 (Intel and AMD) processor. As a minimum requirement, use a dual core processor running at 2 GHz.	AIX	AIX version 5.2 and 5.3. You must have the C++ compiler installed for AIX.	The POWER processor on system i and system p.	Sun	Solaris 9 and 10	The SPARC processor.
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Sun	Solaris 9 and 10	The SPARC processor.																	
Accessibility	100 Mb network minimum, configured at full duplex, is required for the ImageNow Server and the database server. In addition, a 1 Gb network is recommended. Ports 6000 and 7200 should be unblocked in the LAN for client access.																		
Disk Space	Minimum required disk space is 20 GB.																		
Memory	Minimum required available system memory to run ImageNow Server is 1 GB RAM plus 100 K for each user. In addition, include any virtual memory requirements recommended by your operating system manufacturer.																		
Virtual Machine	ImageNow Server is supported on VMware ESX, version 3.5.x in the Windows environment.																		

ImageNow Database

The database stores the metadata of each document, not the actual document itself. A storage location with high performance and high availability is required for the database, such as RAID 10. Network Attached Storage (NAS) devices are not recommended for the database.

Specification	Description										
Hardware	<p>When using ImageNow with Microsoft SQL Server, Oracle, or IBM DB2, we recommend that the database is installed on a separate server accessible by ImageNow Server. Hardware requirements specified by respective DBMS vendors are required in addition to the ImageNow-specific requirements listed below.</p> <p>For embedded ImageNow SQL, an additional core on the ImageNow Server computer is required to manage the additional CPU utilization by the DBMS.</p>										
DBMS	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #4F81BD; color: white;">DBMS</th> <th style="background-color: #4F81BD; color: white;">Version</th> </tr> </thead> <tbody> <tr> <td>ImageNow SQL</td> <td>The embedded database is installed on the ImageNow Server computer as part of the installation. If required, the embedded ImageNow SQL DBMS can be removed.</td> </tr> <tr> <td>Microsoft SQL Server</td> <td>Microsoft SQL Server 2005, Standard and Enterprise editions.</td> </tr> <tr> <td>Oracle</td> <td>Oracle 10g, version 10.2.0.4 or above</td> </tr> <tr> <td>IBM DB2 8.2</td> <td>IBM DB2 8.2</td> </tr> </tbody> </table>	DBMS	Version	ImageNow SQL	The embedded database is installed on the ImageNow Server computer as part of the installation. If required, the embedded ImageNow SQL DBMS can be removed.	Microsoft SQL Server	Microsoft SQL Server 2005, Standard and Enterprise editions.	Oracle	Oracle 10g, version 10.2.0.4 or above	IBM DB2 8.2	IBM DB2 8.2
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Oracle	Oracle 10g, version 10.2.0.4 or above										
IBM DB2 8.2	IBM DB2 8.2										
Disk Space	Database size varies by implementation and use of the product. For sizing information that is specific to your ImageNow product solution and anticipated business usage patterns, ask your Perceptive Software representative to refer to the Perceptive Software Sizing Tool.										
Memory	For external DBMS requirements, refer to the manufacturer’s documentation. For embedded ImageNow SQL, 1 GB RAM is required.										

ImageNow Object Storage Manager

All content that is managed by ImageNow is stored in the Object Storage Manager (OSM). The OSM stores the content in its original format. The minimum technical specifications required for the OSM appear in the following table:

Specification	Description
Hardware	A storage location with high capacity and high availability is required for the OSM. This storage can be set up as Direct Attached Storage, a SAN, or NAS device.
Accessibility	The OSM must be directly accessible by ImageNow Server. Locate the OSM on a local drive or a network drive using a UNC path (\\server\share).
Disk Space	The disk space required depends on the amount of content that must be stored. The OSM for scanned images and other documents can grow quite large. As a guide, 1 million black and white scanned pages (scanned at 300 DPI) will consume 70 GB of storage.

ImageNow Client

The ImageNow Client is a desktop interface that provides access to all ImageNow functions including document capture, indexing, viewing, workflow, and document control functionality. The minimum technical specifications required for the ImageNow Client appear in the following table:

Specification	Description
Hardware	<p><u>Processor</u>: Requires a 2.0 GHz or greater processor. A dual core processor is recommended for increased performance.</p> <p><u>Screen Resolution</u>: The required minimum screen resolution is 1024 x 768. A 1280 x 1024 SVGA screen resolution is recommended. Dual monitors are supported.</p> <p><u>Scanning</u>: For scanning, the ImageNow Client computer must be either USB compatible or able to accept a SCSI expansion card based upon the interface of your scanner. For USB scanners, revision 2.0 is recommended. The scanner may require a faster computer or more memory than required by ImageNow. For more information about scanner requirements, refer to the manufacturer’s documentation.</p>
Operating Systems	<p>Microsoft Windows XP Professional SP2 or SP3, or Microsoft Vista.</p> <p><u>Scanning</u>: When implementing scanning on Vista on an ImageNow Client computer, check with the scanner manufacturer to verify that the scanner has a Vista-certified driver. USB scanners are supported in a Windows Vista environment. SCSI scanners currently are not supported by Windows Vista 64-bit editions.</p>
Accessibility	<p>A dedicated, “always on” connection is required from the ImageNow Client to the ImageNow Server.</p> <p>For a LAN environment:</p> <ul style="list-style-type: none"> • A 10 Mb connection is required. A 100-Mb connection is recommended for performance. • <u>Scanning</u>: A 100 Mb Ethernet connection is required for a Scan station. A 1Gb Ethernet connection is recommended for best performance. <p>For a WAN environment:</p> <ul style="list-style-type: none"> • A 1.5 Mb connection is required. A 4.5 Mb connection is recommended. • <u>Scanning</u>: A high-volume Scan station in a WAN is not recommended.
Disk Space	<p>1 GB available hard disk space is required. Scan stations may require more temporary storage space, depending on scanning volume.</p>
Memory	<p>1 GB of available RAM is required.</p>

ImageNow Client in a terminal server environment

A terminal server environment requires third-party products like Citrix or Microsoft Terminal Services. These requirements can vary depending on whether the terminal server environment uses a server farm, and how many users are in the farm. The following table shows typical recommendations for the ImageNow Client in these environments:

Specification	Description
Hardware	<u>CPU</u> : 1 core per every 25 users is required.
Operating Systems	Microsoft Server 2003 SP2 or Microsoft Server 2008, which requires the following Microsoft patch: http://support.microsoft.com/kb/949700 .
Accessibility	A dedicated, "always on" connection is required from the ImageNow Client to the ImageNow Server.
Disk Space	Requires the same disk space as a full ImageNow Client installation, plus 5 MB per user in the application data (%APPDATA%) folder.
Memory	30 MB of available RAM per user is required.

WebNow

WebNow enables users to view and work with ImageNow documents in a web browser. WebNow is comprised of the WebNow Server and WebNow Client browsers that access ImageNow through the WebNow Server.

WebNow Server

The minimum technical specifications required for the WebNow Server appear in the following table:

Specification	Description																		
Hardware	A server class system is required to run WebNow in an enterprise environment. The supported processors are shown below. Consult your web application server manufacturer's documentation to make sure that the minimum requirements are met.																		
Operating Systems	The WebNow Server supports the same operating systems as the ImageNow Server. (On Linux, only Sun's version of Java is supported.)																		
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Specification	Description
Web Application Servers	The following J2EE Web application servers are supported: Macromedia JRun 4.0 updater 7, BEA WebLogic 9.x, IBM WebSphere 6.1.x, Apache Tomcat 6.x, and Oracle Application Server 10.1.2.
Accessibility	100 Mb network minimum, configured at full duplex, is required and a 1 Gb network is recommended.
Disk Space	<p><u>Web server requirements:</u> The WebNow Server must meet the minimum disk space requirements of the selected web application server.</p> <p><u>WebNow requirements:</u> An additional 10 MB is required for WebNow, plus the following:</p> <ul style="list-style-type: none"> • Additional temporary storage is required for documents and worksheets. • The actual amount depends on system use, but plan for approximately 5 MB per user.
Memory	The WebNow Server must meet the minimum memory requirements of the selected web application server with an additional 5 MB per user.

WebNow Client

The WebNow Client communicates with the WebNow Server through a browser. The minimum technical specifications required for the WebNow Client appear in the following table:

Specification	Description
Hardware	<p><u>Processor</u>: Requires a 2.0 GHz or greater processor. A dual core processor is recommended for increased performance.</p> <p><u>Screen Resolution</u>: The required minimum screen resolution is 1024 x 768. A 1280 x 1024 SVGA screen resolution is recommended. Dual monitors are supported.</p>
Operating Systems	<p>This client supports the same operating systems as the ImageNow Client, with the addition of Macintosh Intel 10.4 and 10.5. Note that Vista requires Sun JRE 1.6.</p>
Software	<p><u>Java</u>. Sun JRE versions 1.5.x or 1.6.x is required and the following releases are recommended:</p> <ul style="list-style-type: none"> • Using Sun JRE 1.5.x, the minimum recommendation is 1.5.13. • Using Sun JRE 1.6.x, all versions to 1.6.7 are supported. <p>Earlier versions of 1.5.x and 1.6.x JRE can be used. However if issues arise, update the JRE to the recommended version to receive support. The following JRE versions have known issues and should be avoided: 1.5.14 and 1.5.15. Only the 32-Bit version of the JDK and JRE are supported.</p> <p><u>Browsers</u>. WebNow supports web browsers Internet Explorer 7.x for Windows; and Apple Safari web browser 3.1 and Mozilla Firefox 2.x for Windows and Macintosh.</p>
Accessibility	<p>WebNow requires a high-speed Internet connection capable of 1.5 Mbps download and 384 Kbps upload. 1.5 Mbps upload is recommended when using the client to capture documents.</p>
Disk Space	<p>This client requires 103 MB, which includes Java requirements. When uploading files, allocating additional VPN bandwidth is recommended.</p>
Memory	<p>The amount of memory depends on the version of the Sun JRE:</p> <ul style="list-style-type: none"> • Using JRE 1.5.x, 400 MB of available RAM is required. • Using JRE 1.6.x, 250 MB of available RAM is required.

Capture Products

ImageNow capture products provide enhanced importing, scanning, and image recognition capabilities across your enterprise, at both the desktop and server level. These products include:

- ImageNow DataCapture
- ImageNow Fax Agent
- ImageNow Mail Agent
- ImageNow Recognition Agent

ImageNow DataCapture

ImageNow DataCapture automates data extraction from forms. DataCapture can apply a predefined rule set to automatically extract key data from a variety of form types, submit the auto-indexed form to ImageNow, and share its validated data with existing host applications.

The ImageNow DataCapture Suite includes one Processing Server and one Verification Station installed on an ImageNow Client for character repair and validation of data. The optional DataCapture Forms Designer Station includes three powerful tools to comprehensively manage custom forms design, structured form recognition, and semi-structured form recognition.

Specification	Description
Operating Systems	Runs on Windows. Can connect to an ImageNow Server running on any supported operating system via TCP/IP.
Additional Hardware	DataCapture requires a dedicated computer. A Kofax compatible scanner running VRS at 300 DPI resolution.
Accessibility	100 Mb network minimum, configured at full duplex, is required and a 1 Gb network is recommended. Not recommended for same computer as ImageNow Server.
Processing Capability	A single Processing Server supports volume up to 100,000 pages per month, while a single Verification Station can typically verify about 20,000 pages per month.
Available Memory	400 MB required.
Disk Space	1 GB required.
Processors/Verification Stations	<p>The Verification Station must be installed on the same computer as ImageNow Client.</p> <ul style="list-style-type: none"> • For 100K Pages Per Month (PPM): Server requires 1 to 2 Dual Xeon processor with 1 GB RAM; 5 Verification Stations are recommended for this volume. • For 250K PPM: Server requires 3 to 4 Dual Xeon processor with 1 GB RAM; 13 Verification Stations are recommended for this volume. • For 500K PPM: This server requires 6 to 8 Dual Xeon processor with 1 GB RAM; 25 Verification Stations are recommended for volume.

ImageNow Fax Agent

ImageNow Fax Agent is a scalable, inbound and outbound fax solution that is tightly integrated with ImageNow workflow. For inbound faxing, ImageNow Fax Agent is designed to allow customers to capture high volumes of inbound faxes, perform bar code processing and automatically route them through various workflow processes based on predefined rules. For outbound faxing, Fax Agent's outbound faxing capability is fully integrated into the ImageNow user interface, giving users with proper permissions the option to fax from the ImageNow Explorer, ImageNow Viewer, or iScript.

Specification	Description
Operating Systems	Runs on an ImageNow Server using Microsoft Server 2003 SP2 or Microsoft Server 2008, which requires the following Microsoft patch: http://support.microsoft.com/kb/949700 ; or on Microsoft Windows XP Professional SP2 or SP3 on the ImageNow Client. Can connect to an ImageNow Server running on any supported operating system via TCP/IP.
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Processing Capability	Refer to the fax boards listed in the <i>Fax Agent and Fax Board Options</i> document.
Available Memory	1 GB required.
Disk Space	100 MB required.

ImageNow Mail Agent

ImageNow Mail Agent automatically captures and indexes e-mails and attachments based on values such as sender and recipient name, subject, date, and keywords. E-mails and documents are imported directly into the ImageNow repository. They can optionally be routed into an ImageNow workflow process. ImageNow Mail Agent works with most POP3 and IMAP mail servers: including Exchange, Domino, Sun ONE, and others.

Specification	Description
Operating Systems	Runs on Windows. Can connect to an ImageNow Server running on any supported operating system via TCP/IP.
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Available Memory	The amount of memory depends on the version of JRE: <ul style="list-style-type: none"> • Using JRE 1.5.x, 400 MB of available RAM is required. • Using JRE 1.6.x, 250 MB of available RAM is required.
Disk Space	Requires 200 MB, which includes Java requirements.

ImageNow Recognition Agent

ImageNow Recognition Agent enables robust capture technologies to meet enterprise needs. The Recognition Agent provides excellent recognition accuracy on a wide variety of documents, including faxes, photocopies, and documents with complex layouts. The Recognition Agent extracts data from scanned documents and automatically populates any or all document properties with the extracted data.

Specification	Description
Hardware	As a minimum requirement, use a 2 GHz processor. When running, each Recognition Agent requires an additional core.
Operating Systems	Runs on Windows. Can connect to an ImageNow Server running on any supported operating system via TCP/IP.
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Processing Capability	Plan on about 2000 pages per hour per Recognition Agent.
Available Memory	1 GB required.
Disk Space	400 MB required.

Server Extensions

Perceptive Software offers extensions to complement the core ImageNow functionality provided by a standard ImageNow Server and Client installations.

- ImageNow Connector for SAP
- ImageNow Content Server
- ImageNow ERM Server
- ImageNow HL7 Agent
- ImageNow Message Agent
- ImageNow Output Agent
- ImageNow Report Server
- ImageNow User Replication Agent

ImageNow Connector for SAP

The Connector for SAP is an extension to ImageNow that provides the functionality to upload metadata stored in ImageNow to SAP to create financial (FI) documents in SAP. The connector currently supports the following SAP transactions: F-43 (Enter Vendor Invoice), FB60 (Enter Incoming Invoices), FV60 (Park Incoming Invoices), FB70 (Enter Incoming Credit Memos), FBV0 (Post Parked Document), MIRO (Enter Invoice), MIRA (Enter Invoice), MIR7 (Park Invoice), MIR4 (Call MIRO – Change). SAP transactions can be either parked or posted in SAP. The transactions can be integrated with SAP Business Workflow, if needed. The connector comes with functionality for validation of SAP data.

Specification	Description
Operating Systems	Runs on Windows. Can connect to an ImageNow Server running on any supported operating system via TCP/IP.
Compatible Software	Supports versions of SAP 4.6C and later.
Accessibility	100 Mb network minimum, configured at full duplex, is required and a 1 Gb network is recommended.
Available Memory	No additional requirements beyond the standard memory requirement for the ImageNow Server.
Disk Space	500 MB required.

ImageNow Content Server

ImageNow Content Server adds powerful search and retrieval capabilities to ImageNow object storage using specialized indexing technology. ImageNow Content Server is optimized for text-based retrieval, including advanced query expansion, custom thesaurus creation, natural language query input, automatic highlighting of search terms, combined metadata and full text search.

Specification	Description
Operating Systems	Runs on all operating systems that ImageNow Server supports.
Accessibility	Must be installed on the ImageNow Server computer.
Available Memory	100 MB required.
Disk Space	Varies depending on the amount of documents that are indexed. The disk requirement grows over time, based on content and use.

ImageNow ERM Server

ImageNow ERM Server is an extension to ImageNow that provides highly scalable enterprise report management functionality. It leverages industry-standard SQL servers from Oracle or Microsoft and gives ImageNow customers the ability to store and retrieve virtually all forms of print output including ASCII, EBCDIC text, PCL, Metacode, AFP, PostScript, and PDF.

Specification	Description
Operating Systems	The ImageNow ERM Component must connect to an ImageNow Server running under Microsoft Windows; either remotely via TCP/IP or locally on the same computer.
Accessibility	Supports versions of Adobe Acrobat 5.0 and 6.0. Adobe Writer and Adobe Reader must be installed on the ERM Server computer.
Processing Capability	Per hour, one Intel CPU license can process an estimated 10,000 pages of a simple invoice or statement or 5,000 pages of a green bar report, such as a GL trial balance.
Available Memory	512 MB required.
Disk Space	1 GB required.

ImageNow HL7 Agent

ImageNow HL7 Agent enables ImageNow to send and receive HL7 messages to and from any Healthcare Information System, using both version 2 and 3 of the HL7 messaging standard. These transactions can include outbound report transactions necessary to build links to ImageNow images from the client’s core system (example: URL).

Specification	Description
Operating Systems	Windows XP Professional, and Windows Server 2003 (Standard, Enterprise, R2, and SP2)
Compatible Hardware	Required processor: 2.0 GHz processor, (1 or 2 CPU server)
Compatible Software	Microsoft Message Queuing service is required. This service is an optional component provided by Windows through Add/Remove Programs.
Accessibility	100 Mb network minimum, configured at full duplex, is required and a 1 Gb network is recommended. HL7 Agent requires an ODBC connection to the ImageNow Server computer.
Available Memory	Required 2 GB memory.
Disk Space	Required 80 GB. Space required depends on the message volume and message size anticipated at your site.

ImageNow Message Agent

Perceptive Software's ImageNow Message Agent provides robust inter-application integration capabilities using XML messages. Based on standard protocols for Web services, specifically SOAP and WSDL, it gives customers maximum flexibility to incorporate ImageNow services directly into their existing enterprise systems. This includes, but is not limited to, the ability to log on, log off, store, retrieve, move, copy, delete, and search for documents, place documents into workflow, route workflow items, set and get status, and be notified of workflow events from within any third-party application.

Specification	Description
Operating Systems	Runs on all operating systems that ImageNow Server supports. Can connect to an ImageNow Server running on any supported operating system via TCP/IP.
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Available Memory	128 MB required.
Disk Space	1 GB required.
Compatibility	Due to third-party library incompatibility, do not install Message Agent on the same computer as ImageNow Report Server.

ImageNow Output Agent

ImageNow Output Agent is a server-side process that provides flexible options for printing or exporting data from ImageNow. ImageNow Output Agent can send documents to a specific printer, convert them to .jpg and export them to a specified directory, or create DICOM formatted or PDF output. Output Agent can be driven by events in ImageNow workflow, the ImageNow server-side API, other ImageNow agents, or even text files containing specific values generated by external applications.

Specification	Description
Operating Systems	Runs on Windows. Can connect to an ImageNow Server running on any supported operating system via TCP/IP. When running, Output Agent requires one core.
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Available Memory	512 MB required.
Disk Space	1 GB required.
Compatibility	1 GB required.

ImageNow Report Server

ImageNow Report Server enables you to report on the business intelligence contained in the ImageNow database. This product provides the ability to run complex reports, schedule when reports run, and restrict report management and viewing to certain users. Users can schedule, execute, and view the latest report instances using any compatible browser.

Specification	Description
Operating Systems	Report Server runs on a Windows 2003 Server. However, it can communicate with an ImageNow database running on UNIX.
Compatible Software	<p><u>Report Server Browser Client</u> Run ImageNow reports on a remote computer using a web browser with the following Sun JDK or JRE versions. Sun JRE versions 1.5.x or 1.6.x is required and the following releases are recommended:</p> <ul style="list-style-type: none"> Using Sun JRE 1.5.x, the minimum recommendation is 1.5.13. Using Sun JRE 1.6.x, all versions to 1.6.7 are supported. <p>Earlier versions of 1.5.x and 1.6.x JRE can be used. However if issues arise, update the JRE to the recommended version to receive support. The following JRE versions have known issues and should be avoided: 1.5.14 and 1.5.15. Only the 32-Bit version of the JDK and JRE are supported.</p> <p><u>Browsers.</u> Report Server supports web browsers Internet Explorer 7.x for Windows; and Apple Safari web browser 3.1 and Mozilla Firefox 2.x for Windows and Macintosh.</p> <p><u>Report Server Database:</u> Report Server requires its own database. Report Server can run on the following DBMSs: Microsoft MSDE 2000 (provided with the installer), Microsoft SQL Server 2000 and 2005 (Standard and Enterprise editions), and Oracle 10g.</p>
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Hardware	Pentium III 700 MHz processor is required.
Web Application Server	<p>Report Server supports the following web application servers on Windows, as specified by Business Objects: BEA WebLogic 7.0 SP5 and 8.1 SP2, IBM WebSphere 5.1.04, 5.1.1x (excluding 5.1.1.4), and 6.x, Apache Tomcat 5.0.27, Oracle Application Server 10g (9.0.4x), and SAP Web Application Server 6.40.</p> <p>Avoid using IIS as a web server for Report Server with the .Net 2.0 framework (for example, Microsoft SQL Server Express 2005 uses the .Net 2.0).</p>
Available Memory	1 GB required.
Disk Space	3 GB required.
Compatibility	Due to third-party library incompatibility, do not install Message Agent on the same computer as ImageNow Report Server.

ImageNow User Replication Agent

ImageNow User Replication Agent simplifies the management of ImageNow users and groups in LDAP-focused identity environments by allowing ImageNow and your LDAP servers to work together. Going a step beyond the application’s standard capability to authenticate users against LDAP servers and import users in bulk from LDAP servers, the ImageNow User Replication Agent module actively manages the relationship to keep the user list synchronous.

Specification	Description
Operating Systems	Runs on all operating systems that ImageNow Server supports. Can connect to an ImageNow Server running on any supported operating system via TCP/IP.
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Available Memory	128 MB required.
Disk Space	1 GB required.

ImageNow Interact

ImageNow Interact is a suite of products that are designed to allow end users to “interact” with the ImageNow repository within the context of their native business and collaboration applications. These products are delivered in the form of toolbars and other controls that may be seamlessly embedded within these commercial applications. It is important to note that none of the products offered within the ImageNow Interact suite require the ImageNow or WebNow Clients to operate.

- ImageNow Interact for eCopy
- ImageNow Interact for Epic
- ImageNow Interact for ESRI ArcGIS Server
- ImageNow Interact for ESRI ArcIMS
- ImageNow Interact for ESRI ArcMap
- ImageNow Interact for HP
- ImageNow Interact for Microsoft Office
- ImageNow Interact for Microsoft SharePoint

ImageNow Interact for eCopy

Use ImageNow Interact for eCopy to provide a seamless integration between ImageNow and any eCopy ShareScan-managed multifunction peripheral (MFP). ImageNow Interact for eCopy provides a way to store documents inside the ImageNow repository from the eCopy console. ImageNow Interact for eCopy can pre-populate any document key, custom property, or workflow queue. In addition, since security is still based on standard ImageNow user privileges, document storage and workflow access can be limited as needed.

Specification	Description
Operating Systems	This product supports the same operating systems as ImageNow Client: Microsoft Windows XP Professional SP2 and Vista.
Compatible Software	<p>ImageNow Interact for eCopy provides integration to ImageNow from any eCopy enabled MFP device running eCopy ShareScan 4.0 or higher and ImageNow.</p> <p>At this time, Interact for eCopy does not support eCopy when it is directly embedded in multifunction peripherals (MFPs). Interact for eCopy supports <u>only</u> the following combination: hardware (eCopy ScanStation) working with eCopy ShareScan 4.0 or higher.</p> <p>To validate the MFP device against the supported list (ScanStation options only), refer to the eCopy website, located at http://www.ecopy.com/support_supported_devices.asp.</p>
Accessibility	100 Mb network minimum, configured at full duplex, is required and a 1 Gb network is recommended.
Available Memory	512 K required.
Disk Space	50 MB required.

ImageNow Interact for Epic

ImageNow Interact for Epic provides embedded integration to your ImageNow documents from within Epic's health information system. This tight integration allows users to instantly retrieve ImageNow documents based upon the currently viewed patient chart without leaving their familiar Epic environment. Whenever new documents are received in ImageNow, an HL7 message with all relevant medical record information is generated and sent to Epic, indicating that a new document has arrived. Epic is instantly updated and documents are ready to be viewed from the embedded ImageNow viewer within Epic.

Enhanced chart-printing functionality allows users to initiate simultaneous printing of entire patient charts, including both ImageNow documents and Epic chart information, from within Epic.

Specification	Description
Operating Systems	Microsoft Windows XP Professional SP2
Compatible Software	Requires HL7 Agent. Requires Epic software and one of the following application modules: registration (ADT/Prelude®), clinical (EpicCare®/Clinical Documentation), or billing (Resolute®).
Compatible Hardware	Requires a J2EE-certified application server. <u>Application Server</u> : Does not require WebNow Server software but has same application server requirements as WebNow Server.
Accessibility	100 Mb network minimum, configured at full duplex, is required and a 1 Gb network is recommended.
Available Memory	512 K required.
Disk Space	80 MB required.

ImageNow Interact for ESRI ArcGIS Server

ImageNow Interact for ESRI ArcGIS Server provides embedded integration. This integration allows the end user to both link and retrieve ImageNow documents based upon the selection of one or more map features, for example, a street, building, or park. This product is provided in the following format: custom task, which is an ESRI term, analogous to a toolbar. In this manner, ImageNow is able to spatially reference its content by linking and presenting documents within a GIS (Geo-Spatial Information System) context.

ESRI ArcGIS Server must be capable of editing feature attributes in order to use the document-feature linking functionality within the Interact for ESRI ArcGIS Server task. This feature may require ArcGIS Server – Advanced Edition to be installed. There are two supported platforms for ImageNow Interact for ESRI ArcGIS Server: .NET and Java.

ImageNow Interact for ESRI ArcGIS Server, .NET platform

Specification	Description
Operating Systems	Windows Server 2003 SP2
Compatible Software	ESRI ArcGIS Server, version 9.2 The .NET 2.0 Framework must be installed on the ArcGIS Server device. All ESRI feature data from which linked documents will be retrieved within ArcGIS Server must be stored in the SDE geodatabase format. Shape files are not supported.
Accessibility	100 Mb network minimum, configured at full duplex, is required and a 1 Gb network is recommended.
Application Server	See ESRI ArcGIS Server system requirements for a complete listing of supported application servers.
Browsers	Internet Explorer, version 7 and Mozilla Firefox, version 2
Integrated Development Environment	Microsoft Visual Studio 2005, or higher. An IDE is required if the ESRI ArcGIS Server Manager console is not utilized to add the custom task to an existing website.
Available Memory	1 GB required. Memory requirements may vary depending on the size and volume of different downloads.
Disk Space	100 MB required.

ImageNow Interact for ESRI ArcGIS Server, Java platform

Specification	Description
Operating Systems	See ESRI ArcGIS Server system requirements for a complete listing of supported operating systems.
Compatible Software	<p>ESRI ArcGIS Server, version 9.2 SP1 and SP6</p> <p>Minimum Java Runtime: Sun JRE 5, update 6.</p> <p>All ESRI feature data from which linked documents will be retrieved within ArcGIS Server must be stored in the SDE geodatabase format. Shape files are not supported.</p>
Accessibility	100 Mb network minimum, configured at full duplex, is required and a 1 Gb network is recommended.
Application Server	Apache Tomcat, version 5.5 and 6.0
Browsers	Internet Explorer, version 7 and Mozilla Firefox, version 2
Integrated Development Environment	Eclipse, version 3.2 through 3.4
Available Memory	1 GB required. Memory requirements may vary depending on the size and volume of different downloads.
Disk Space	200 MB required. Space requirements may vary depending on the size and volume of different downloads.

ImageNow Interact for ESRI ArcIMS

ImageNow Interact for ESRI ArcIMS Server provides embedded integration. This integration allows the end user to retrieve ImageNow documents based upon the selection of one or more map features, for example, a street, building, or park. This product is provided as an embedded toolbar. In this manner, ImageNow is able to spatially reference its content by linking and presenting documents within a GIS (Geo-Spatial Information System) context. This server-side integration allows a custom ImageNow button to be embedded within the existing toolbar of any individual ArcIMS website. Note that this button allows for retrieval of previously linked documents.

Specification	Description
Operating Systems	This product supports the same operating systems as ESRI ArcIMS.
Compatible Software	ESRI ArcIMS 9.1 or 9.2 Each ArcIMS website that is to incorporate the Interact for ArcIMS tool must utilize the ESRI HTML viewer. The ArcIMS server must utilize Java SE v1.4x or higher All ESRI feature data from which linked documents will be retrieved within ArcIMS must be stored in the SDE geodatabase format. Shape files are not supported by the Interact for ArcIMS product.
Accessibility	100 Mb network minimum, configured at full duplex, is required and a 1 Gb network is recommended.
Available Memory	1 GB required.
Disk Space	100 MB required.

ImageNow Interact for ESRI ArcMap

ImageNow Interact for ESRI ArcGIS Server provides embedded integration. This integration allows the end user to both link and retrieve ImageNow documents based upon the selection of one or more map features, for example, a street, building, or park. This product is provided as an embedded toolbar button. In this manner, ImageNow is able to spatially reference its content by linking and presenting documents within a GIS (Geo-Spatial Information System) context.

Specification	Description
Operating Systems	Microsoft Windows XP.
Compatible Software	<p>ESRI ArcMap 9.1 or 9.2.</p> <p>ArcView, ArcEditor, or ArcInfo license within ArcMap.</p> <p>Microsoft .NET 2.0 framework installed on each ArcMap client that will utilize the Interact for ArcMap toolbar.</p> <p>ESRI's .NET extensions for ArcMap must be installed on each client that will utilize the Interact for ArcMap toolbar.</p> <p>All ESRI data that contain features to which ImageNow documents link must be stored within either the Personal or SDE geodatabase format. Shape files are not supported by the Interact for ArcIMS product.</p>
Accessibility	A 10 Mb connection is required. A 100-Mb connection is recommended for performance.
Available Memory	256 MB required.
Disk Space	20 MB required.

ImageNow Interact for HP

ImageNow Interact for HP provides document capture from Hewlett-Packard’s line of multifunction products (MFPs). MFPs enable distributed capture by providing scan and index functionality from any ImageNow-enabled MFP. Once captured, the document is immediately available for subsequent retrieval and optional workflow processing using ImageNow or WebNow Clients.

Specification	Description
Operating Systems	Microsoft Windows Server 2000 and Microsoft Windows Server 2003, SP2 or higher.
Compatible Hardware	<p>Requires a J2EE-certified application server.</p> <p><u>Application Server</u>: Does not require WebNow Server software but has same application server requirements as WebNow Server.</p> <p><u>Supported HP models</u>:</p> <p>Group 10: LaserJet 4345, Color LaserJet 4730, LaserJet 9040, LaserJet 9050, Color LaserJet 9500, Digital Sender 9200c</p> <p>Group 20: LaserJet M3035, LaserJet M4345, LaserJet M5035, Color LaserJet M4730, LaserJet M9040, LaserJet M9050, Digital Sender 9250c,</p> <p>Group 30: CM8060 Color, CM8050 Color</p> <p>Group 40: Color LaserJet CM6030, Color LaserJet CM6040</p> <p>Notes:</p> <ul style="list-style-type: none"> • Multifunction Device Minimum Memory Requirement - Group 10 devices (LJ4345, LJ4730, LJ9040/9050, DS9200c) require at least 384 MB memory (CLJ 9500mfp requires 512 MB). • Multifunction Device Minimum Firmware Requirement - An upgrade to the latest HP Multifunction Device firmware is recommended before installation.
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Available Memory	1 GB required.
Disk Space	80 MB required.

ImageNow Interact for Microsoft Office

Extend the power of ImageNow by bringing document management to every user of Microsoft Office, whether or not they have WebNow or ImageNow Client installed. ImageNow Interact for Microsoft Office provides key ImageNow Client functions in an interface that allows users to create and manage Office-format ImageNow documents directly from Microsoft Word 2003 or Microsoft Office 2007.

Specification	Description
Operating Systems	This product supports the same operating systems as ImageNow Client: Microsoft Windows XP Professional SP2 and Vista.
Compatible Software	Compatible with Microsoft Word, Excel, PowerPoint, and Visio 2003 and Microsoft Word, Excel, and PowerPoint 2007.
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Available Memory	256 MB required. Additional storage is required to open documents in their native application.
Disk Space	1 GB required.

ImageNow Interact for Microsoft SharePoint

Use ImageNow Interact for Microsoft SharePoint to provide a seamless integration between ImageNow and any Microsoft SharePoint Portal website. ImageNow Interact for Microsoft SharePoint provides core ImageNow features such as search, view, document control, document upload, workflow routing, and digital signatures. In addition, the product provides single sign-on integration between SharePoint and ImageNow.

Specification	Description
Operating Systems	This product supports the same operating systems as Microsoft SharePoint Server 2003 or MOSS 2007: Windows Server 2003 R2
Compatible Software	Microsoft SharePoint Portal Server 2003 or 2007 is required. Microsoft .NET 2.0 framework must be installed on the server housing the SharePoint environment.
Accessibility	100 Mb network minimum, configured at full duplex, is required and 1 Gb network is recommended.
Available Memory	1 GB available RAM required.
Disk Space	2 GB hard disk space required (this space also accounts for temporary caching of previewed and retrieved images).