

RELAIS EXPRESS V2008 TECHNICAL REQUIREMENTS Revised March 31, 2008

Relais Express is a scanning and delivery software solution. Relais Express PLUS allows you to use Relais Express on a network.

Relais Express V2008 Workstation for Scanning

Operating System	2000 /XP*	
	Recommended *	Minimum **
CPU	2GHz	1GHz
RAM	512MB	256MB
HDD	50GB	25GB

You can run Relais Express Plus either from a network server to the clients, or make one of the clients act as the server. You will use the Windows File Sharing. If one of the clients is being used as the server, then you will create a mapping back to that client.

Scanners

If a scanner is not purchased from Relais International, make sure there is a TWAIN or Kofax compatible driver available for the scanner. In the case of a TWAIN driver, the Relais scanning software opens the scanner's driver interface.

General Notes:

*** 2000 --> Windows 2000 SP4

XP --> Windows XP SP2

2003 --> Windows 2003 SP1

1. Relais International does not supply or license any operating systems.
 2. Relais International will supply a run time license for Microsoft SQL Server Desktop Engine (MSDE) database if appropriate.
- Adobe Acrobat 7 (full) is required to be installed on the Application Server running the delivery applications if you plan to attach PDF files to your requests.
 - Relais is able to convert TIF images to PDF, for use with Post to Web. However, Adobe is required in order to insert Coverpages into existing PDFs. Third party PDF makers cannot be used with Relais.

Web Browser Compatibility

Secure Post to Web with...	IE6	IE7	*Firefox 1.5+2	Netscape 8+9
Adobe Reader 5	Yes	No	Yes	Yes
Adobe Reader 6	Yes	No	Yes	Yes
Adobe Reader 7	Yes	Yes	Yes	Yes
Adobe Reader 8	Yes	Yes	Yes	Yes

*There have been some issues with Firefox and the new security. The reasons are undetermined as of yet.

Relais Express v2008 Firewall Usage

Ensure the following TCP/IP ports are allowed through the firewall. By default, these should already be opened. If they are not, go to the Windows Firewall, found in the Control Panel.

Select the Exceptions tab and click **Add Port**. Name the port and enter a port number. You can leave the default selection of TCP. Click **OK**. You will need this to make a database connection. When you are sure all ports have been added, click **OK** again to exit.

Port #	Used By:
25	Many Relais applications to send out email messages via SMTP. For example, Delivery Email as well as sending various notices and message re errors to the administrator.
80	Delivery Email – Post-to-Web for patrons to retrieve documents when posted to an HTTP server.
419 422	Delivery FTP and Receive FTP to send and receive requests.

Relais File Permissions

Ensure the appropriate file permissions are set for the following directories and files.

Relais directories except Reports	Read
	Write
Reports directory	Read
In the Relais root directory:	
*.exe	Read
	Execute
*.ini	Read
	Write
*.txt	Read
	Write

Once your initial configuration is done and depending on local security requirements, the file permissions for some of these directories and folders may be modified.

Security

Software security is provided by the Windows network on which Relais is running.

Relais applications are secured through Windows file sharing and possibly your VPN, if you have one.

The Relais database can be secured if you provide the secure ODBC connection.

Security for web components (i.e. HTTP, SMTP, POP) are managed by the web server (i.e. Windows, Linux/UNIX).

Hardware security is provided by your own switches, routers, firewalls, etc. on which the Relais system is running.