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RightFax 9.4 Recommended Hardware Requirements & Supported Software Versions

SUPPORTED OPERATING SYSTEMS FOR THE RIGHTFAX APPLICATION SERVER(S)

SUPPORTED WINDOWS SERVER OPERATING SYSTEMS

Please contact your Advantage representative for more information on running RightFax in a virtual environment.

- Windows 2003, Standard Server Edition x86, Service Pack 2 or later
- Windows 2003 R2 Standard Edition x86, Service Pack 2 or later
- Windows 2003 Enterprise Server Edition x86, Service Pack 2 or later
- Windows 2008, Standard Server Edition x86, Service Pack 2 or later
- Windows 2008 Enterprise Server Edition x86, Service Pack 2 or later

WINDOWS CLUSTER SERVICES

- Microsoft Windows 2003 or 2008 Enterprise Edition x86, Service Pack 2 or later cluster services
- Supports Active-Passive clustering
- Active-Active clustering is not supported (*Active-Active clustering is not supported. Please ask your Advantage representative about configuring RightFax in a multi-member collective*)

INTERNET BROWSER

- Microsoft Internet Explorer 8.0 Service Pack 1 or later

WINDOWS TERMINAL SERVICES

- Windows 2003 or 2008

MICROSOFT SQL SERVER

Microsoft SQL Server is required to run RightFax. RightFax Business Server and Enterprise Server licenses include a licensed copy of 2005 SQL Express. Your Advantage Technologies engineer will make a recommendation whether or not SQL Express should be used based on your RightFax configuration and daily faxing volumes

OPERATING SYSTEMS

- SQL 2000 Server Standard and Enterprise Editions
- SQL 2005 Server Standard and Enterprise Editions
- SQL Server 2005 Express Edition (only recommended for basic RightFax Business Server systems)

HARDWARE

Open Text follows the minimum hardware requirements specified by Microsoft at the following links:

- <http://www.microsoft.com/sql/evaluation/sysreqs/2000/default.asp>
- <http://www.microsoft.com/sql/prodinfo/sysreqs/default.msp>

Most installations will need additional memory and processor speed than the minimum.



RIGHTFAX APPLICATION SERVER HARDWARE REQUIREMENTS

- Intel 2.4 GHz or higher Xeon or Pentium processor (Supports single and multi CPU systems)
- 2GB Memory or greater (we recommend 4GB the SQL database will run on the local machine)
- Installed programs require 1.2 GB hard disk
- 2x 76GB Hard Drives, Raid 1 (for better performance 3x 76GB, Raid 5) or greater
- Display – SVGA or greater 800 x 600 or higher
- CD-ROM or DVD drive
- Keyboard
- 2U Minimum Racked Server (if a fax board will be part of your RightFax system configuration)
- Server chassis must be able to accommodate a full-length, full-height PCI fax board
- PCI, PCI-X and PCI-Express slots for Dialogic (Brooktrout) fax boards unless otherwise noted by Advantage Technologies. *Please provide your Advantage representative with your server's PCI slot/riser card configuration in order to make sure the correct board is shipped.*

RIGHTFAX VIRTUAL SERVER REQUIREMENTS

- ESX Server version 3.0.1 or later within the 3.0.x product line
- Using the following O/S:
 - Windows 2003 Standard Edition, Service Pack 2
 - Windows 2003 Enterprise Edition, Service Pack 2
 - Windows 2008 Standard Edition, Service Pack 2
 - Windows 2008 Enterprise Edition, Service Pack 2
- The VMware virtual environment created for RightFax must meet SR140 minimum requirements as well as the minimum processor emulated by VMware which is the Xeon. Therefore, the minimum requirements of the virtual machine presented to SR140 are: Single Xeon - 2 GHz, 2MB memory.

RIGHTFAX REMOTE DOCTRANSPORT OPERATING SYSTEM AND SERVER HARDWARE:

Any Intel server running a Windows based Operating Systems (2003 and 2008) and has the correct PCI, PCI-X or PCIe slot configuration and be used as a RightFax Remote DocTransport.

Customers can also use virtual environments for RightFax Remote DocTransports when using the Brooktrout (Dialogic) SR140 FoIP communications layer.

RIGHTFAX CLIENTS SUPPORTED OPERATING SYSTEMS AND SOFTWARE

OPERATING SYSTEM

- Windows XP Professional Service Pack 2 or later, x86 and x64 versions
- Windows Vista Business, x86 and x64 versions
- Windows Vista Enterprise, x86 and x64 versions
- Windows Vista Ultimate, x86 and x64 versions

INTERNET BROWSER

- Microsoft Internet Explorer 8.0 Service Pack 1 or later, is required for the RightFax Web Access and Enterprise Fax Manager Web Edition



SUPPORTED EMAIL SYSTEMS & EMAIL CLIENTS

RightFax Business Server and Enterprise Server include the RightFax SMTP/POP3 Email Gateway. This email integration is typically used for fax delivery notification and routing of inbound faxes to email. Customer interested in advanced email integration features will need to purchase either the RightFax Microsoft Exchange or the RightFax IBM Lotus Notes Modules.

MICROSOFT EXCHANGE

- Exchange 2003 Service Pack 1 or later
- Exchange 2007

MICROSOFT OUTLOOK

- Outlook 2000
- Outlook XP
- Outlook 2003
- Outlook 2007

IBM LOTUS NOTES

Notes Client, Domino Server and iNotes Web Access

- Lotus Notes R6.5.6
- Lotus Notes R7.02
- Lotus Notes R8.0

***** PLEASE READ THIS SECTION CAREFULLY *****

FAX BOARD AND BOARDLESS SYSTEMS REQUIREMENTS AND INTEROPERABILITY

ATTENTION: The next section of this document "SERVER CHASSIS REQUIREMENTS FOR USE WITH BROOKTROUT TR1034 AND TRUFAX BOARDS" only applies to RightFax system configurations that include the Dialogic (Brooktrout) TR1034 and TruFax fax boards.

If your system has been configured with the Dialogic (Brooktrout) SR140 Fax over IP (FoIP) communication layer for use with T.38 IP-Based phone systems (Cisco, Avaya, Alcatel, NorTel, and others), please review the IP-Based interoperability list for the latest and most updated certified make, model and versions for each vendor:

<http://www.dialogic.com/interoperability/fax.htm>

Detailed information regarding your specific RightFax system configuration type will be included in a statement of work and reviewed prior to any orders being placed and services scheduling.

SERVER CHASSIS REQUIREMENTS FOR USE WITH BROOKTROUT TR1034 AND TRUFAX BOARDS

This section explains the server chassis requirements for the installation of the Brooktrout (now Dialogic) fax boards. TR1034 boards are offered in both uPCI (supports both PCI and PCI-X slots)-X and PCIe (supports PCI Express) formats. A number of the analog fax board also come in half-length dimensions. Your Advantage representative will recommend the appropriate fax board for your RightFax system configuration.

The server that houses the Brooktrout fax board(s) must have sufficient room and air circulation to accommodate a full length, full height PCI card with dimension outlined below.

It is important to provide your Advantage representative with accurate information regarding your server's specific slot configuration and types. Here is some basic information that should be followed:



uPCI FAX BOARDS REQUIRE:

- At least one (1) 32 or 64 bit PCI or PCI-X slot (3.3v or 5.0v)
- A hardware interrupt (assigned by system BIOS)
- A block of consecutive I/O ports (assigned by system BIOS)

12 addresses for two (2) channel boards
 20 addresses for four (4) channel boards

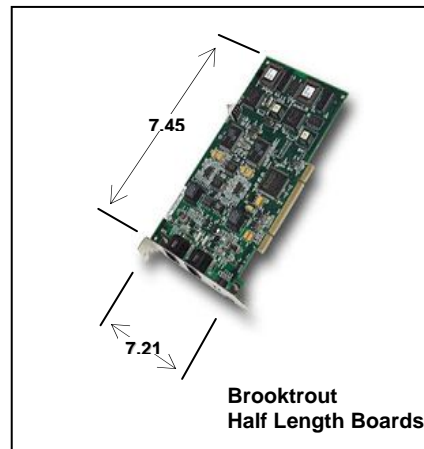
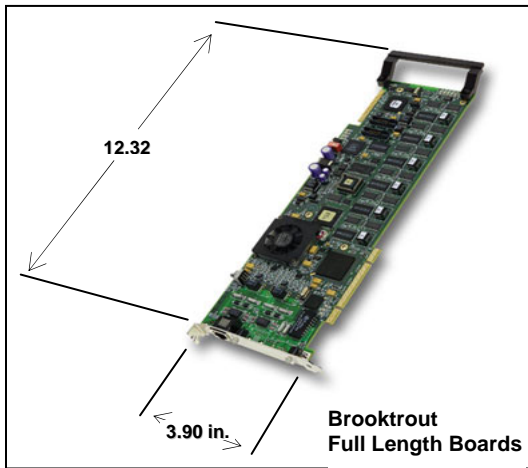
PCIe FAX BOARDS REQUIRE:

- At least one (1) PCI Express slot, 4X (4 Lane) or higher; for each fax board that will be plugged into the server's chassis. *Please note, PCIe 1X (1 Lane) slots are not compatible.*

Lanes	Pins Total	Pins in variable section	Total Length	Length of variable section
×4	64	42	39 mm	21.65 mm
×8	98	76	56 mm	38.65 mm
×16	164	142	89 mm	71.65 mm

- A hardware interrupt (assigned by system BIOS)
- A block of consecutive I/O ports (assigned by system BIOS)

12 addresses for two (2) channel boards
 20 addresses for four (4) channel boards



ABOUT ADVANTAGE TECHNOLOGIES, INC.

Advantage Technologies, Inc. is one of the country's leading integrators of the RightFax fax server and automated electronic document delivery solutions. The company is a national level Captaris Platinum Elite solutions partner and a currently active member of the Captaris Advisory Council. For over 10 years we've been working with organizations of all sizes to help determine their requirements and implement, configure and support the RightFax product. All of our engineers and consultants are certified on the entire RightFax suite of products. For more information on the RightFax fax server and electronic document delivery solutions, please contact Advantage Technologies at toll free 1-866-730-1700 or via email at info@atechnologies.com.

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