

Rexto Network Fax Server



Easy Setup
Plug N Fax

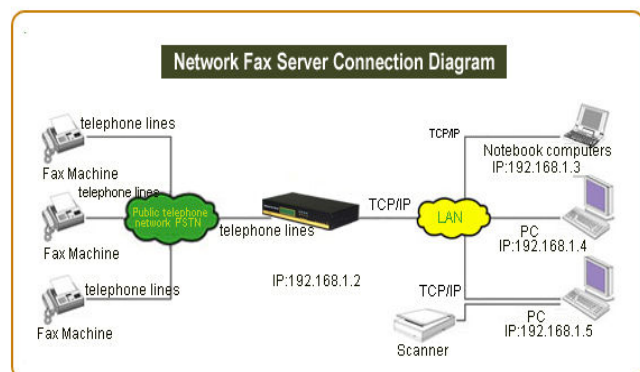


The Rexto Network Fax Server is a complete, highly economical, easy-to-use network fax server. It was designed to meet the needs of small to mid-sized businesses or workgroups, and comes with all the necessary hardware and software to allow network users to send and receive faxes from the desktop or browser.

Rexto Network Fax Server is a turnkey solution that connects to PSTN fax lines. It provides both software and web management interface, and allows you to receive faxes wherever you are as e-mails and send faxes from any application that can print. The system provides distributed faxing capabilities, over a WAN, from a corporate office to small remote offices as well as to field sales people. By S series V.34 Network Fax Server, it offers V.34/33.6K Super G3 fax and JBIG fax compression, reduces fax transmission time by more than half when compared to traditional fax modems. The result is faster fax transmissions and significant cost savings over time.

Features:

- No client software required. Web interface for system configuration and fax management
- Fax broadcasting. Build one fax of multiple document
- Faxes converted to TIFF files
- Faxing preview
- Super G3 V.34/33.6K fax speed
- JBIG, MMR, MR and MH fax compression
- Schedule faxes to be sent at a later time
- View all the faxing progress in fax queue
- Print to fax. Document faxing directly
- Faxing via PBX or DID/DDI service
- Remote faxing support
- SSL support
- Fax to email
- Email to fax
- Fax to folder, backup all sent and received faxes automatically
- Address books can be imported or exported
- E-mail informs user of transmission result
- Connect to 10/100BaseT Ethernet, 3 IP address support



**REXTO NETWORK FAX
SERVER**

Super G3 Solutions:

Introduction to V.34 High-Speed Fax

Dubbed "V.Fast", the V.34 fax standard is heralded as an important development in fax technology. Fax devices supporting the V.34 protocol also can deliver more reliable fax transmission, requiring fewer resends, under a wider range of line conditions than those supporting older fax standards such as V.17 and 9.6 kbps.

The adoption of the V.34 standard allows:

- Data rate of up to 33.6Kbps, more than twice the speed of its predecessor, V.17 (14.4Kbps)
- Support fast handshaking, which can cut call setup and session-management time by one-third.
- High-speed transmission enables transport of color fax data

What is the ITU-T V.34 Fax Standard

The V.34 fax standard was derived from the V.34 data modem standard established by the International Telecommunications Union (ITU). The V.34 data modem standard is a full-duplex implementation for sending and receiving data across telephone lines with a maximum data rate of 33.6Kbps. Certain elements of the V.34 data modem standard were eliminated for V.34 fax while new features, such as a control channel and mandatory ECM, were added to enable fast and reliable fax transmission.

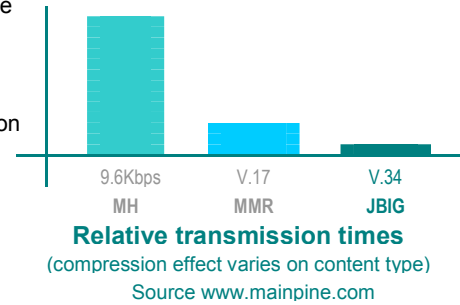
Data Rates Supported (Kbps)	ITU Standard		
	V.27&V.29	V.17	V.34
2.4	✓		✓
4.8	✓		✓
7.2	✓	✓	✓
9.6	✓	✓	✓
12		✓	✓
14.4		✓	✓
16.8			✓
19.2			✓
21.6			✓
24			✓
26.4			✓
28.8			✓
31.2			✓
33.6			✓

Comparison between Fax Modulation Speeds
Source www.gaoresearch.com

JBIG Compression

JBIG is the most effective compression (up to 80% better), and an average document when compressed using JBIG becomes 1/20th of the original size. The main features of JBIG are:

- Lossless compression of one-bit-per-pixel image data.
- Ability to encode individual bitplanes of multiple-bit pixels.
- Progressive or sequential encoding of image data.



Transmission times

The table below shows the time it takes to transmit a 4 page fax using 9.6k, v.17 and V.34 Super G3. These figures account for the connection, transmission and retraining times.

In seconds	9.6 kbps	V.17	V.34
Handshake	16	16	7
Page 1 (3%)	18	12	5
Retraining	6	6	0.25
Page 2 (6%)	27	18	7
Retraining	6	6	0.25
Page 3 (6%)	27	18	7
Retraining	6	6	0.25
Page 4 (12%)	54	36	14
Retraining	6	6	0.25
TOTAL	166 seconds	124 seconds	41

Average Fax Transmission Times (4-Page Fax)
Source www.brooktrout.com

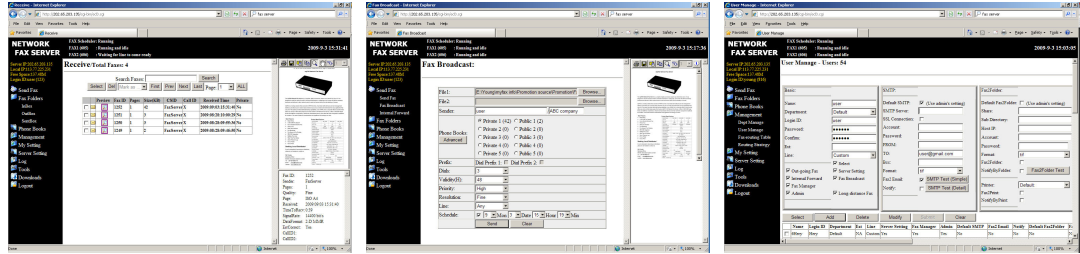
For the fax being sent using V.34, once the handshaking is completed, the first page is transmitted at 33.6 Kbps. This means that the first page of a typical four-page fax will transmit in seven seconds, versus 16 seconds with the older technology. For the example of the four-page fax transmission, the transmission time can vary from 166 seconds with a 9.6 Kbps modem, to only 41 seconds using V.34 fax technology, saving more than two minutes per call on average.

The V.34 protocol is highly adaptive, automatically and intelligently applying the optimum combination of modulation methods and impairment-compensation techniques for each fax call. The result is faster fax transmissions and significant cost savings over time.

Specifications:

Web Interface:

User can send and receive faxes by web interface directly, no additional software request.



Introduction:

- Easy Setup**
 Network Fax Server is integrated in a box. No technical skill is required to setup the server.
- Desktop Faxing**
 Network Fax Server allows you to deploy faxing to your entire user base so that they can send and receive faxes while sitting at their desks.
- Operate Independently**
 System running completely out of the computer. No server side software required. Fax stored in Network Fax Server.
- Fax Status**
 The system automatically indicates real time fax status on top of web interface. It helps user to identify the fax line situation
- PBX Integration**
 Integrated with PBX, Network Fax Server can able to listen DTMF code generated from PBX system. Thus fax can be delivered via PBX setting or analog DID/DDI service.
- V.34 SuperG3 Support ***
 Network Fax Server support V.34 SuperG3 fax enabling transmission speeds of 33.6Kbps for superior performance. Reduce costs.
- Network Fax Sharing**
 Network Fax Server runs in TCP/IP network. User can share faxes and files within local LAN or even internet. Save time for transmission.
- CSID Support**
 User can identify the source of fax. It help to manage faxes more intuitive and more convenient
- Caller ID Support**
 Route all matched CID (telephone number routing) faxes to specify the user.
- Fax Backup**
 It allows to stores and backup the received or sent faxes to any share folder in server or PC automatically.
- Network Printing**
 All received faxes cab be printed out via network printing automatically.

Product Specifications:

Model	RX1510/1510S	RX2515/2515S	RX4520/4520S
Fax Line	1	2	4
Max. User	100	150	200
Memory	256M	256M	512M
Fax Storage	4000pages	4000pages	8000pages
Network Protocol	TCP/IP		
Network Interface	RJ45		
Network Speed	10/100M		
Fax Line Interface	RJ11		
Fax Line Type	PSTN		
Fax Speed	33.6k* / 14.4K / 12K / 9.6K / 7.2K / 4.8K / 2.4K		
Fax Resolution	98 / 196DPI		
Fax Compression	JBIG*, MMR, MR, MH		
Fax Standard	Super G3*, ITU-T G3 / G4		
Fax Routing	Line / CSID / Extension / Caller ID		
DID/DDI Digit	(User Define 1,2,3,.....,25)		
OS Support	MS Windows / Mac / Linux		
Browser Support	IE / Firefox / Netscape		
Language	English, Chinese, French, Arabic		
Remote Access	Support		
Document Format	TIFF/ PDF		
Rack Mount	No	Yes	
Dimension (mm)	280X150X45		450x235x45
Power Supply	External 12V DC,1A		90-240VAC
Weight	1.8KG	1.8KG	3.8KG
Approval	CE ,FCC		

Back panel:

1port Network Fax Server BackPanel:



2port Network Fax Server BackPanel:



4port Network Fax Server BackPanel:



Notice *: S series only

For more info:

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