myFAX
Network Fax Server

Easy Setup
Plug N Fax

SUPER G3

The myFAX 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.

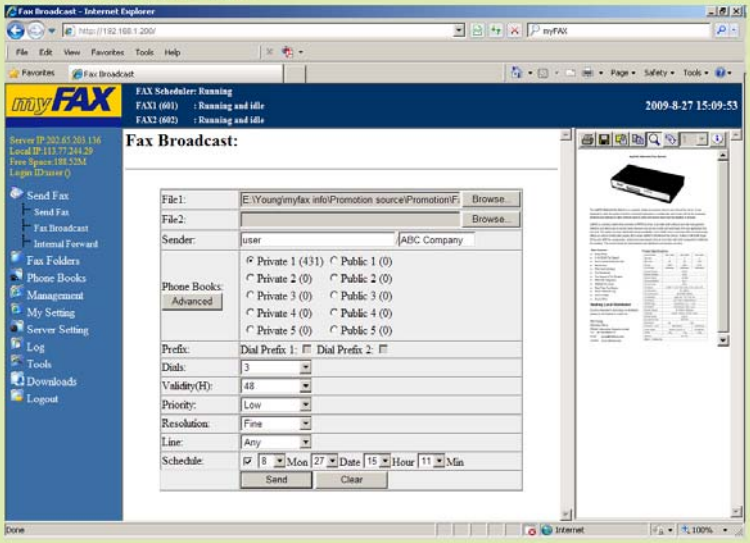
myFAX is a turnkey solution that connects to PSTN fax lines. It provides both software and web management interface, allows you to receive faxes wherever you are as e-mails and send faxes from any application that can print. The system provides distributed faxing capabilities, over a WAN, from a corporate office to small remote offices as well as to field sales people. The S series, myFAX V.34 Network Fax Server, 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 machine. The result is faster fax transmissions and significant cost savings over time. T.38 Real-Time Fax over IP(FoIP) solution allows you to route your faxes over an IP network in real-time leveraging VoIP deployment for immediate cost saving and productivity gains.

myFAX V.34 Network Fax Server
Main Functions:

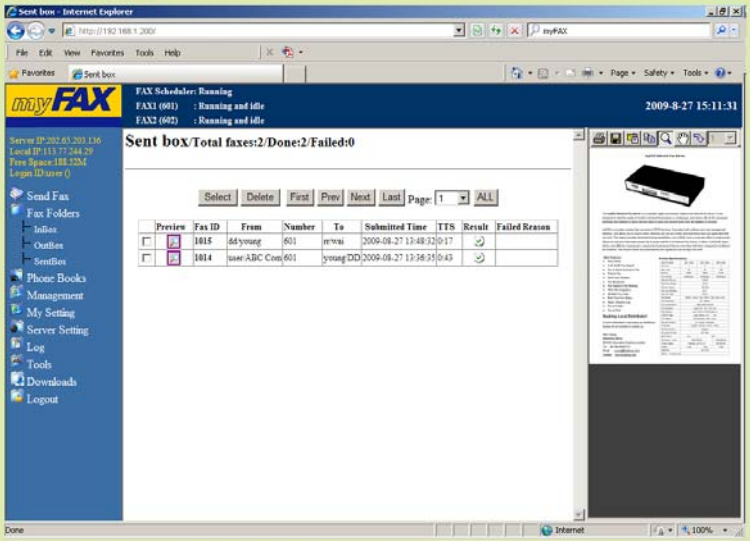
Send and Receive Fax

- **Automatic Format Conversion**
  The user can send fax by selecting myFAX printer to convert the current document to fax format.
- **Fax Queue**
  All sending faxes will listing in fax queue. High priority faxes will be sent out firstly.
- **FoIP (Fax Over IP)**
  Faxes sent via the IP network avoid the PSTN and therefore cut down large long distance call charge.
- **Schedule Fax**
  Faxes can be sent out by schedule time.
- **V.34/ 33.6kbps Fax Speed** *
  With speeds capable of 33.6kbps and JBIG compression that transmission faxes faster.
- **Fax Broadcast**
  myFAX supports multiple faxing. Fax Broadcast result can be exported to Excel format.
- **Fax Resend**
  If the faxing destination is busy or no answer, the faxes will be queued for resend. User can set up the retry times.
- **Inbound Fax Routing**
  myFAX will route the fax according to sender's input of the fax mailbox number and automatically route to users' mailbox.
- **Internal Transfer**
  All faxes can be transfer internally. Just select the user's name on the list.
- **Fax Status**
  The system automatically indicate real time fax status on top of web interface. It helps user to identify the fax line situation.
- **Fax to Email**
  All received fax will be automatically send to user's folder. It also can setup to send to email account by attachment with TIFF or PDF format.
- **Email to Fax**
  User can send faxes from anywhere with internet connection by email.
- **Fax to Print**
  All received faxes can be printed out by specific printers automatically.
- **Fax to Folder**
  All incoming and out going faxes can be stored in specified shared folder automatically.

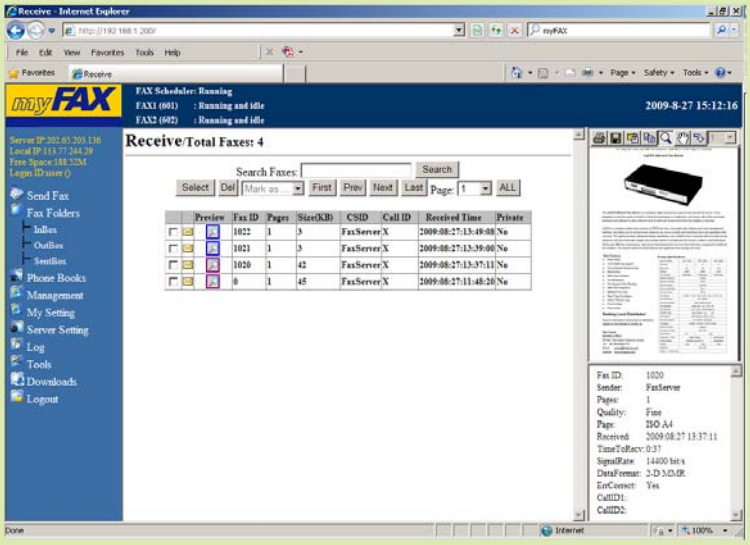
Fax Broadcast:



SentBox:



InBox:

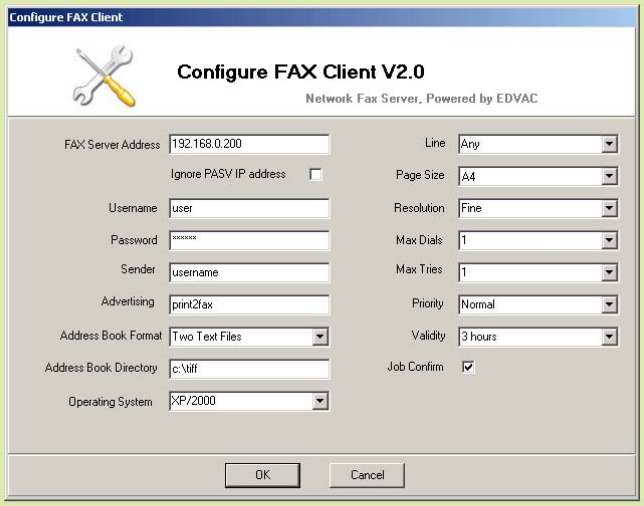


myFAX V.34 Network Fax Server
Main Functions:

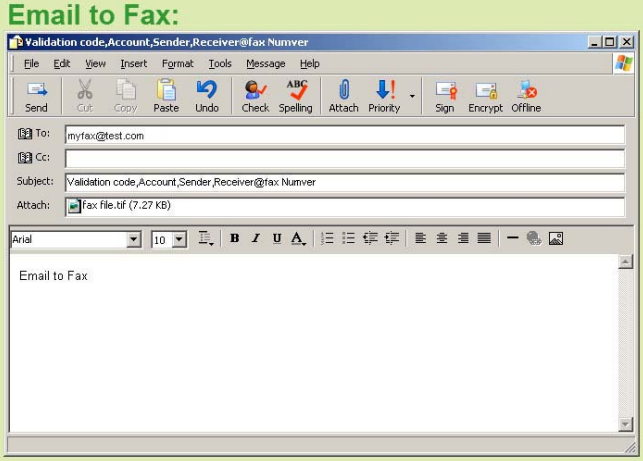
- **Print2Fax**

  myFAX allows users to compose a fax from any application that utilizes a printer. To send, users simply “print” the document to the application. Doing fax as easy as printing.

Print2Fax Interface:



Email to Fax:



System and Management

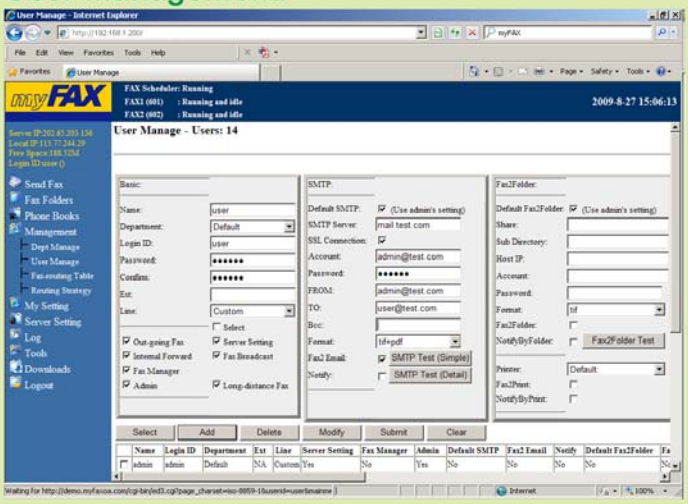
- **User Management**
  Administrators can set up different user accounts passwords, management authority, attributes, lines, document format and email address.

- **Address Book**
  myFAX has its own address books – both shared and private to each user. Contacts may be grouped together into fax lists for rapid dissemination of information using just a few clicks.

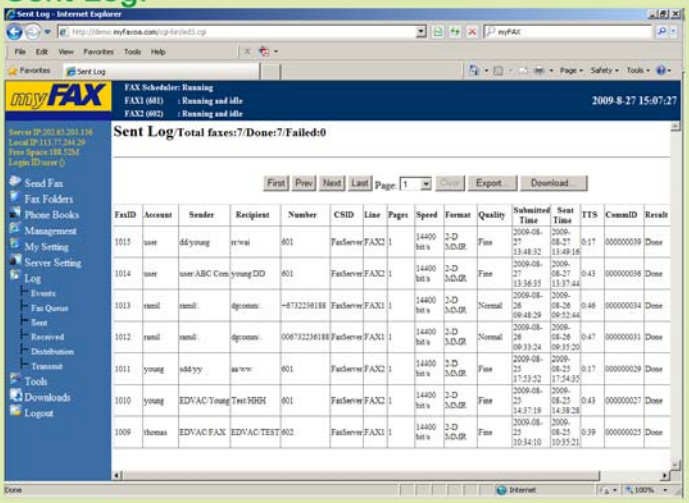
- **Fax Monitoring**
  Administrators can monitor all incoming or outgoing faxes.

- **System Log**
  myFAX provides varies system log for administrator. Included user login and modify log, fax sent log, received fax log, fax distribution log and internal transmit log. All logs can export to excel format.

User Management:



Sent Log:



myFAX V.34 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.

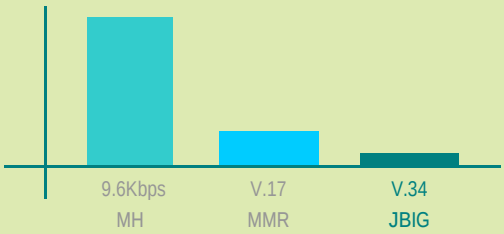
Data Rates Supported (Kbps)	ITU Standard V.27&V.29	V.17	V.34
2.4	√		√
4.8	√		√
7.2	√	√	√
9.6	√	√	√
12		√	√
14.4		√	√
16.8			√
19.2			√
21.6			√
24			√
26.4			√
28.8			√
31.2			√
33.6			√

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.



Relative transmission times
(compression effect varies on content type)
Source www.mainpine.com

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 seconds

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.

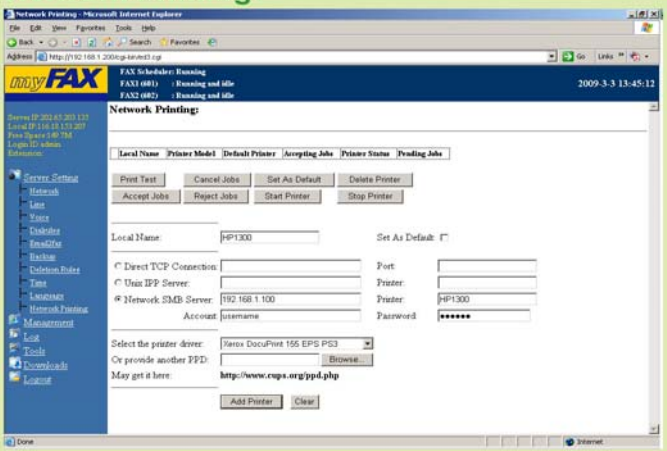
The V.34 protocol is highly adaptive, automatically and intelligently applying the optimum combination of modulation methods and impairment-compensation techniques for each fax call. The result is faster fax transmissions and significant cost savings over time.

myFAX V.34 Network Fax Server
Fax Solution Experts

Main Feature

- **Easy Setup**
  No professional technical skill requested for installation.
- **Desktop Faxing**
  You can send and receive faxes conveniently when sitting at your desks.
- **Operate Independently**
  System running completely out of the computer. No software required and all faxes can be stored in myFAX.
- **PBX Integration**
  myFAX is able to identify the DTMF code which generated from PBX system. So fax can be delivered via PBX setting or analog DID/DDI service.
- **Security and Reliability Real-Time IP Fax**
  T.38 FoIP enables point-to-point, secure fax transmission in real time, leverages VoIP gateway capabilities and related security to connect to the public network.
- **V.34 SuperG3 Support ***
  myFAX supports V.34 SuperG3 fax enabling transmission speeds of 33.6Kbps for superior performance. Reduce costs.
- **Network Fax Sharing**
  myFAX runs in TCP/IP network. User can share faxes and files within local LAN or even Internet. Save time to send fax and save cost.
- **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 you to store and backup all the faxes to any shared folder in server or PC automatically.

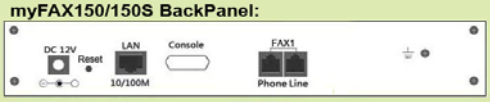
Network Printing:



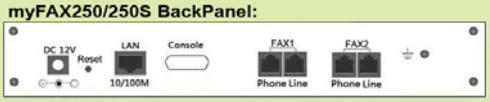
Product Specifications:

myFAX Model	150 / 150S	250 / 250S	450 / 450S
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, SIP T.38		
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, French, Arabic, Turkish, Spanish, Italian, Polish, Japanese…		
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	2.0KG	3.7KG
Approval	CE ,FCC		

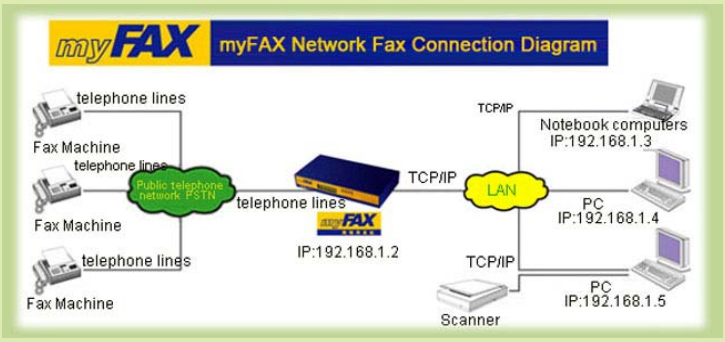
myFAX150/150S BackPanel:



myFAX250/250S BackPanel:



myFAX450/450S BackPanel:



Notice *: S series only

Manufacturer: EDVAC INFORMATION SYSTEMS LIMITED

www.myfaxoa.com