



**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, 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 myFAX 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.

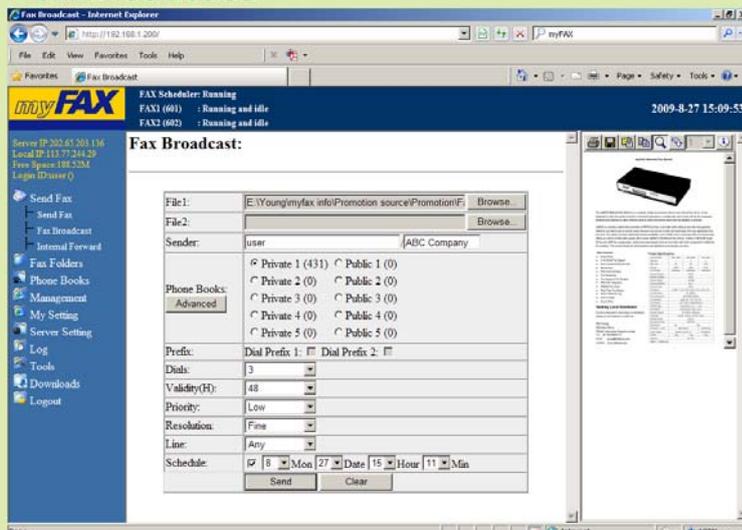
myFAX V.34 Network Fax Server Main Functions:



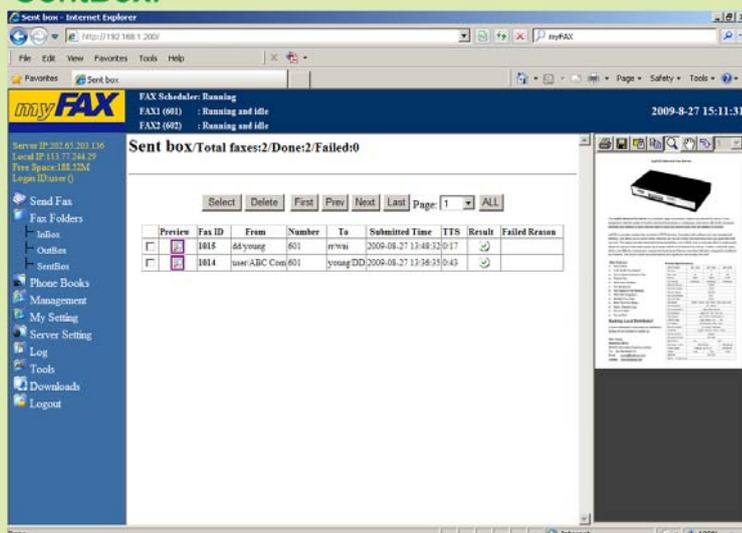
Send and Receive Fax

- Automatic Format Conversion**
 The user can send fax by select myFAX printer to convert the current document to fax format.
- Fax Queue**
 All faxes will be queued within myFAX fax queue. It has priority code to indicate the priority of the fax. Urgent fax will send out by next available line.
- Delay Fax Sent**
 Users can send faxes by specified time.
- V.34/ 33.6kbps Fax Speed ***
 With speeds capable of 33.6kbps and JBIG compression that transmission faxes faster.
- Fax Broadcast**
 Users may also be able to send the fax document to a number of different users. Fax Broadcast result can export to Excel format.
- Fax Resend**
 When the fax destination is busy or no answer, myFAX will queue for resend. Users can set up the retry times in the software.
- 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 fax from anywhere with internet connection. Just add the attachment to email and our fax server will automatically converts your email into fax and forwards it to the destination fax machine.
- Fax to Print**
 All received faxes can be printed out automatically.
- Fax to Folder**
 The sent and received faxes will be stored in any share folder specified by user.

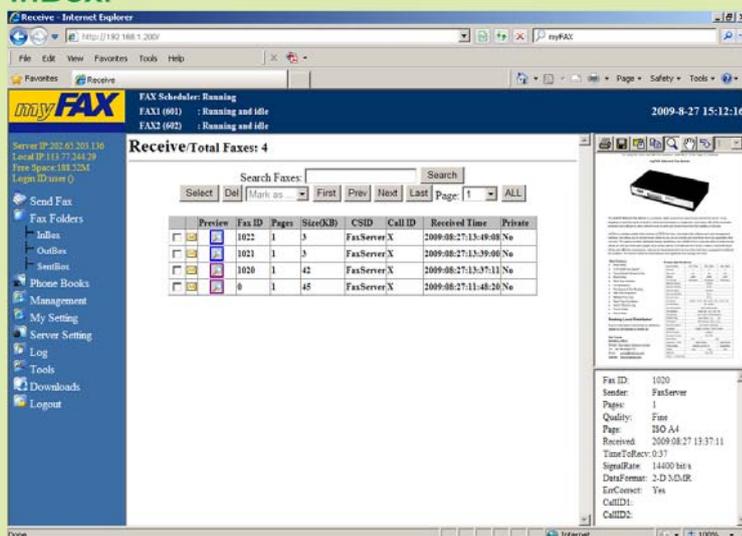
Fax Broadcast:



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. Let sending fax is easy as printing.

Print2Fax Interface:

Configure FAX Client V2.0
Network Fax Server, Powered by EDVAC

FAX Server Address: 192.168.0.200
Line: Any
Ignore PASV IP address:
Page Size: A4
Username: user
Resolution: Fine
Password: *****
Max Dials: 1
Sender: username
Max Tries: 1
Advertising: print2fax
Priority: Normal
Address Book Format: Two Text Files
Validity: 3 hours
Address Book Directory: c:\fff
Job Confirm:
Operating System: XP/2000

OK Cancel

Send FAX
Document: Untitled - f

FAX Number: 123456
Save Number
Select from AddressBook
Delete Entry
Sender: username
Line: Any
Resolution: Fine
Priority: Normal

Send Cancel Time To Cancel: 109

Email to Fax:

Validation code,Account,Sender,Receiver@fax Numver

To: myfax@test.com
Cc:
Subject: Validation code,Account,Sender,Receiver@fax Numver
Attach: Fax file.tif (7.27 KB)

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 various 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:

User Management - Users: 14

Basic: Name: user, Department: Default, Login ID: user, Password: *****
SMTP: Default SMTP: (Use admin's setting), SMTP Server: mail.test.com, Account: admin@test.com, Password: *****
Fac2Folder: Default Fac2Folder: (Use admin's setting), Sub Directory: , Next IP: , Account: , Password: , Format: , Fac2Folder: , NotifyByFolder: , Fac2Folder: , Printer: , Fac2Print: , NotifyByPrint:

Select	Name	Login ID	Department	Ext	Line	Server Setting	Fax Manager	Admins	Default SMTP	Fac2 Email	Notify	Default Fac2Folder	Fa
<input type="checkbox"/>	admin	admin	Default	NA	Custom	Yes	No	Yes	No	No	No	No	No

Sent Log:

Sent Log Total faxes: 7 / Done: 7 / Failed: 0

FaxID	Account	Sender	Recipient	Number	CSD	Line	Pages	Speed	Format	Quality	Submitted Time	Sent Time	ETS	Comid	Result
1013	user	dsyoung	rtwai	601	FaxServer:FAX2	14400	2	hit	2-D	Normal	2009-08-27 13:48:32	2009-08-27 13:49:16	0:17	000000019	Done
1014	user	user:ABC Com:young	DD	601	FaxServer:FAX2	14400	2	hit	2-D	Normal	2009-08-27 13:36:59	2009-08-27 13:37:44	0:43	000000018	Done
1013	msml	msml	aproms	+673226188	FaxServer:FAX2	14400	2	hit	2-D	Normal	2009-08-27 09:48:29	2009-08-27 09:52:44	0:46	000000014	Done
1012	msml	msml	aproms	00673226188	FaxServer:FAX2	14400	2	hit	2-D	Normal	2009-08-27 08:28:08	2009-08-27 08:30:26	0:47	000000013	Done
1011	young	msdyj	msvrv	601	FaxServer:FAX2	14400	2	hit	2-D	Normal	2009-08-27 11:53:52	2009-08-27 11:54:37	0:17	000000029	Done
1010	young	EDVAC:Young	Test:RDGE	601	FaxServer:FAX2	14400	2	hit	2-D	Normal	2009-08-27 14:17:19	2009-08-27 14:18:28	0:43	000000027	Done
1009	thomas	EDVAC:FAX	EDVAC:TEST	602	FaxServer:FAX2	14400	2	hit	2-D	Normal	2009-08-27 10:24:10	2009-08-27 10:25:23	0:39	000000021	Done

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.

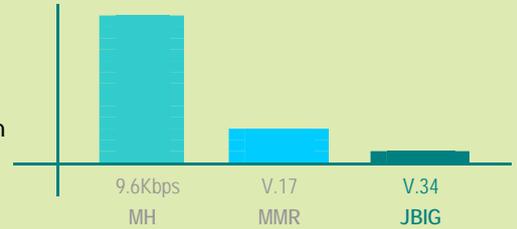
Data Rates Supported (Kbps)	ITU Standard		
	V.27&V.29	V.17	V.34
2.4	✓		✓
4.8	✓		✓
7.2	✓	✓	✓
9.6	✓	✓	✓
12		✓	✓
14.4		✓	✓
16.8			✓
19.2			✓
21.6			✓
24			✓
26.4			✓
28.8			✓
31.2			✓
33.6			✓

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.

