BizFAX E Series User Manual

Version 9.22.0.15

Yeastar Technology Co., Ltd



Table of Contents

1. Introduction
1.1 Product Introduction4
1.2 Functions4
1.3 Hardware Specification6
1.4 Package Contents7
2. System set up8
2.1 Connection Drawing8
2.2 Connecting Ethernet Line8
2.3 Connecting Power8
3. Manage BizFAX
3.1 Manager Log in
3.2 Basic
3.2.1 Extension
3.2.1.1 Physical Fax Machine Extension11
3.2.1.2 Virtual FAX Extension12
3.2.2 Trunks
3.2.3 Outbound Routes15
3.2.3.1 Create Outbound Route
3.2.3.2 Delete Outbuond Route
3.3 Inbound Call Control
3.3.1 IVR
3.3.1.1 Auto Attendant19
3.3.1.2 Delete IVR21
3.3.2 Inbound Routes 21
3.3.2.1 Create Inbound Route 22
3.3.2.2 Delete Routes
3.3.3 Blacklist
3.3.3.1 Create Blacklist24
3.4 System Settings 25
3.4.1 General Settings
3.4.2 System Prompts
3.4.3 E-Mail Settings
3.4.4 Network Setting27
3.4.5 File Sweep
3.4.6 Backup and Restore28
3.4.7 Firmware Update
3.4.8 Reset and Reboot
3.4.9 Password Settings 31
3.5 Reports
3.5.1 FAX Logs



3.5.2 Backup FAX Logs	33
3.5.3 System Infomation	
Use BizFAX	
4.1 Usage of Sending Fax	
4.2 Usage of Receiving FAX	



1. Introduction

You may skip section 1- Introduction and directly move to section 2- Before you Proceed. However, we recommend reading through the introduction to familiarize yourself with the features and functions of BizFAX and help improve its operation. Thank you for purchasing BizFAX!

1.1 Product Introduction

BizFAX — Paperless Fax Server

BizFAX paperless fax system is an intelligent fax server that combines the traditional fax technology and network technology.

After connected the PSTN telephone line and built up the connetion with the LAN or internet, by using the BizFAX Client software on their computers, users can easily to create a safe, efficient and affordable fax system for enterprise.

Through BizFAX Client software or BizFAX Web Client, every user is able to get the auto-receive, auto-fax and management features. When sending a fax, users only need to submit file to BizFAX server, and then system will auto fax the files in order.

Administrator has the authority to configure the system parameters and manage the users' information.

1.2 Functions

1. Auto Receive & Send Fax

To receive and send faxes automatically on computer that dispense with additional fax machine, BizFAX delivers a significant reduction in document delivery costs by eliminating the need for paper-based print, stand-alone fax machines and associated maintaenance, supply and labor costs. All the operations of traditional fax like print, dial, fax, re-dail when busy, postpone delivery or send in groups can be easily done within few seconds.

2. Electronic Signature

BizFAX system help users to make their own signature and company stamp on a electronic document directly. All the signatures and stamps are safely protected and managed through high-end cryptography technology.



3. Remote Receive & Send Fax

Users are allowed to check and send faxes remotely by using BizFAX Client software at any time any places as long as they can access into internet.

4. Intelligent Voice Operating System

When receiving a fax, BizFAX will auto play the voice prompts. User can customize the voice files according to their own demands.

5. System Shareable

Users will be glad to get rid of an uninteresting task that must run around in order to make a fax. They can send or receive a fax on any of the computers in LAN. Moreover, BizFAX will auto send a document to corresponding extension after received a fax.

6. Multiple-Line Support

If there is quantity of documents waiting to receive or send, system will find an idle line automatically and balance the load among lines.

7. Auto converting format

BizFAX can auto convert documents in any format (word, excel, pdf, jpg and gif) to required TIFF format before sending out.

8. Listing of task

All of the submitted fax tasks will form a fax queue automatically before sending out by BizFAX.

9. Send Group Faxes

Simple organize the different users to a group for sending faxes to they at the same time. All the success and failure fax information are recorded on history for reference.

10. Retry of failed fax

We will try the best to ensure each fax can be sent successfully to the destination in time. When the other party is busy, unanswered or something else that result in the failure, system will auto resend fax. Here user can set the time (when) and number of retry times.

11. Auto Distributing

BizFAX can auto distribute the received faxes to corresponding users by user's extension number. If system is uncertain of the receiver, fax administrator will get the faxes and mange them together.

12. Internally Transferring

It supports the free fax and document transfer internally among all virtual



fax extension users.

13. FAX Notifier

BizFAX will send a notifier to sender whether it successfully finishes the fax task or not. Either of the computers in LAN receives a fax, system auto will notify users in time to view and back up all the received and sent faxes.

14. Fax to E-mail

When system is auto distributing the received faxes, and meanwhile it is sending faxes to a pre-set Email address once users enable the Fax to Email function.

15. Caller ID

BizFAX support the international FSK CID format and recognize the fax source correctly for block spam faxes directly.

1.3 Hardware Specification

1) Front Side





Figure 1-1 BizFAX Front Panel Picture

No.	Identifying
1	Green Light: Indicates the power connection is normal.
2	Green Light blink: Indicates the server system is in working.
3	Green Light: Indicates the system is ready.
4	Green Light blink: Indicates the internet interface in use
5	Green Light: Indicates the PSTN lines connect successfully.
6	Green Light blink: Indicates the PSTN line in use.
$\overline{7}$	Green Light: Indicates the port is work well.
8	Green Light blink: Indicates the FAX machine in use.

2) Back Side



Figure 1-2 MyPBX Back Side Picture

1.4 Package Contents

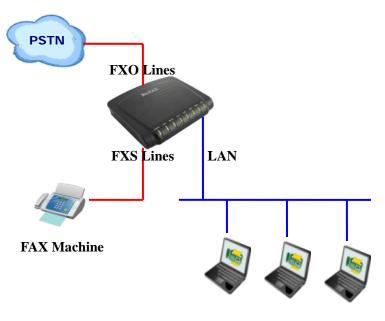
- ▲ 1 unit of BizFAX server
- ▲ 1 power supply
- ▲ 1 Internet line
- ▲ Few telephone cables [RJ-11]

Note: If any of the above items is damaged or missing, contact your reseller.



2. System set up

2.1 Connection Drawing



Virtual FAX Extension

2.2 Connecting Ethernet Line

BizFAX provides two 10/100M Ethernet ports with RJ45 interface and LED. Besides transporting voice, Ethernet port can also send information of managing, maintaining and operating.

Plug Ethernet line into BizFAX's Ethernet port, and then connect the other head of Ethernet line with hub, switch, router, LAN or WAN. Check the status of LED after connection, yellow light indicates port is in connecting process, green light indicates the port is in working.

2.3 Connecting Power

BizFAX utilizes the high-performance switch power, which supply the enough voltage and electrical energy that required by BizFAX system. AC Input: 100~240V



DC Output: 12V,1A

Note: Prior to connect power, it's better to use the three-phrase power outlet of neutral-point joint or multi-function computer power outlet.

Please follow the below steps to connect power socket:

- 1. Push the switch on 'OFF' on power outlet.
- 2. Connect one head of the accessory power cable with the power input port on BizFAX's back panel, and plug the other head of power cable into 220V power socket.
- 3. Push the switch on 'ON' on power outlet.
- 4. After wired up power, please check the Power LED on front panel whether it lighted or not. Lighted LED indicates the correct operation of power; if unlighted, please repeat the step 1 to 3 again.



3. Manage BizFAX

3.1 Manager Log in

Double click icon to open the IE browser, and input the IP address of BizFAX server.

If user is first time to configure BizFAX by web, please use the BizFAX default IP address to log in: http://192.168.5.150

The default Username is **admin** and password is **password**.

BizFAX - Busniess FAX S	erver - Microsoft Internet Explorer	
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	<u>I</u> ools <u>H</u> elp	AT
🚱 Back 🝷 🛞 🕤 💌	🔰 🏠 🔎 Search 🤺 Favorites 🤣 🔗 - 嫨 🖅 - 🛄 🛵 💱 🏭 🦓 🍪	
Address 🙋 http://192.168.5.12	4/static/config/index.html	🔽 🄁 Go 🛛 Links 🎽 🔩 👻
BizFAX	Busniess FAX Server	
	BizFAX Configuration Panel	
Yeastar	BIZFAX Client Software	
	User Login	
	Username: admin	
	Password:	
	Login Reset	
	When you login to manage page or web-bizfax client,	
	if it can't access to next page, <u>click here</u> for help	
	Copyright 2009 Yeastar Technology, Co., Ltd. All Rights Reserved.	
ê		Internet

Figure 3-1



3.2 Basic

3.2.1 Extension

Fax extension has two kinds: physical fax machine extension (FXS) and virtual fax extension.

ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites	<u>T</u> ools <u>H</u> elp				4
🕽 Back 🝷 🕥 🕤 💌	2 🏠 🔎	🔵 Search 🛛 👷 Favorites	🚱 🎯 • 🌺 📧 • 🛄 ,	👃 📴 🋍 🥢 🦄	
iress 🕘 http://192.168.5.12	4/static/config/ir	ndex.html			Go Links » 🐑
BizFAX	Busnie	ss FAX Server			Logout
asic 🏾 🖈	▶ Extensi	ons ¢			
Extensions			List Of E	Extensions	
<u>Frunks</u>	FAX Mac	hine Extensions			
Outbound Routes	Port	Extension	Full Name		
nbound Call Control 🔹	1	601	FAX	🔊 Edit 🗴 Dele	te
<u>VR</u> n <u>bound Routes</u> Blacklist		AX Extensions te New Extension	elete Selected Extensions		
		Extension	Full Name		
ystem Settings 🛛 🔕 General Settings		501	501	🔊 Edit 🛛 🗶 Deleti	•
Bystem Prompts		502	502	🔊 Edit 🗴 Deleti	9
-Mail Settings		503	503	🔊 Edit 🗴 Deleti	2
Vetwork Settings		504	504	🔊 Edit 🗴 Deleti	9
<u>Tile Sweep</u> Backup and Restore		505	505	🔊 Edit 🗴 Deleti	9
irmware update		506	506	🔊 Edit 🗴 Deleti	9
Reset and Reboot		507	507	🔊 Edit 🗴 Deleti	9
assword Settings		508	508	🔊 Edit 🗴 Deleti	9
eports 🙁		509	509	🔊 Edit 🔰 Deleti	•
AX Logs		510	510	🔊 Edit 🗴 Deleti	e
<u>System Info</u>					
🔎 Yeastar					
•					
Done					🥑 Internet

Figure 3-2

3.2.1.1 Physical Fax Machine Extension

Edit Physical Fax Machine Extension

On the administration page of FXS extensions, click 'Edit' on the extension that you want to edit, and modify the following information on prompt window: 1) Authentication

Fytopsion

Extension

The numbered extension, i.e. 1234, that will be associated with this particular User / Phone.

2) Profile

Name

A character-based name for this user, i.e. 'Bob Jones'



Group

Edit Extension - 601		x
 Authentication 		
	Extension 🛈: 601	
	Port : 1	
Profile		
	Name 🛈 : 601	
	Group : ungroup 💌	
	Save X Cancel	

Figure 3-3

3.2.1.2 Virtual FAX Extension

Virtual Fax Extension is an Account allows BizFAX Client or BizFAX web Client to Login.

1. Add Virtual FAX Extension

Go to Extensions \rightarrow Virtual FAX Extensions \rightarrow Create New Extension

1) Authentication

Extension

The numbered extension, i.e. 1234, that will be associated with this particular User / Phone.

Password

The password for the BizFAX Client, Ex: '12t3f6'

2) Profile

Name

A character-based name for this user, i.e. 'Bob Jones'

•Group

Extension's Group.

•Mobile Phone

User's mobile phone number.

•Send FAX to E-mail

This option defines whether or not FAX are sent to the Email Address as attachments. Note: You need to have an smtp server configured for this functionality.



New Virtual FAX Extension	x
C Authentication	
Extension 🛈 :	501
Password 🛈 :	•••
Profile	
Name 🛈 :	Michael
Group :	ungroup
Mobile Phone :	
🔽 Send Fax to E-Mail 🛈 :	chy@yeastar.com
Note:If you want to send FAX to email,please defin	ne E-Mail Settings from the 'E-Mail Settings' panel.
V Save	× Cancel

Figure 3-4

2. Edit Extension

Click 'Edit' on Extension administration page or click 'Modify Selected Extensions' to edit.



3.2.2 Trunks

	erver - Microsoft Internet Explor Tools Help	er	
G Back - S - X		es 🚱 🔗 - چ 📧 - 📜 🛵 💱 🎒 🦓 🍪	🕑 🏹 Go Links 🎽 🎲 🗸
Biz FAX	Busniess FAX Server		Logout
Basic 🔊 Extensions Trunks	 Manage trunks PSTN Trunk 	List Of Trunks	
Outbound Routes	Trunk Name	Analog Ports	
Inbound Call Control 🔹	PSTN1	2	🔊 Edit
MR Inbound Routes Blacklist System Settings Ceneral Settings System Prompts E-Mail Settings Network Settings File Sweep Backup and Restore Firmware update Reset and Reboot Password Settings			
Reports (*) FAX Loas System Info Yeastar			•
E Done			

Figure 3-5

Edit PSTN Trunk (FXO Port)

On PSTN Trunk administration page, click 'Edit' on selected trunk and modify information on prompt window:

1) General

Trunk Name

A unique label to help you identify this trunk when listed in outbound rules, incoming rules etc. Ex: 'Port 5'

Audio Setting

Normally you should not have to adjust your analog ports beyond the initial calibration. Should you still need to fine tune your audio settings, please use the adjustments.

2) Advanced Options

Busy Detection

Busy Detection is used to detect far end hang up or for detecting busy signal. Enable to turn this feature on.

Busy Count

If Busy Detection is enabled, it is also possible to specify how many busy tones



to wait for before hanging up. The default is 4, but better results can be achieved if set to 6 or even 8. Mind that the higher the number, the more time that will be needed to hangup a channel, but lowers the probability that you will get random hangups.

Busy Pattern

If Busy Detection is enabled, it is also possible to specify the cadence of your busy signal. In many countries, it is 500msec on, 500msec off. Without Busy Pattern specified, BizFAX will accept any regular sound-silence pattern that repeats <Busy Count> times as a busy signal. If you specify Busy Pattern, then BizFAX will further check the length of the sound (tone) and silence, which will further reduce the chance of a false positive.

·Caller ID Start

This option allows one to define the start of a Caller ID signal:

Ring, to start when a ring is received (Caller ID Signaling: Bell_USA, DTMF).

Polarity, to start when a polarity reversal is started (Caller ID Signaling: V23_UK, V23_JP, DTMF).

Before Ring, to start before a ring is received (Caller ID Signaling: DTMF).

·Caller ID Signaling

This option defines the type of Caller ID signaling to use: bell (bell202 as used in the United States), v23_UK (as used in the UK), v23_JP (as used in Japan), or dtmf (as used in Denmark, Sweden, and Holland).

Edit PSTN Trunk:Port2		x		
	Trunk Name 🛈 : PSTN			
	Audio Setting 🛈 : 🛛 Soft 🛛 🔽			
Advanced Options				
Busy Detection 🛈 :	Yes 💌 Busy Count 🛈 : 4			
Busy Pattern 🛈 :	Caller ID Start 🛈 : 🛛 Ring 💌			
Caller ID Signalling 🛈 :	Bell - USA 🛛 💙			
Save Save				

Figure 3-6

3.2.3 Outbound Routes

Outbound routing mainly works for guides outgoing calls to go through trunks.



🗿 BizFAX - Busniess FAX S	Server - Microsoft Internet Explorer
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	Tools Help
🚱 Back 🝷 🐑 🖌 📘	🗟 🏠 🔎 Search 👷 Favorites 🤣 😥 - 🌺 🖅 - 🛄 🛵 除 🏭 ᡝ 🖄
Address 🕘 http://192.168.5.126	i6/static/configlindex.html 💽 🖸 🖬 Links 🎽 🎨 🗸
Biz FAX	Busniess FAX Server
Basic	Manage Outbound Routes 🚸
Extensions Trunko	New Outbound Route Outbound Routes
<u>Trunks</u> Outbound Routes	Route Name Dial pattern
Inbound Call Control	outbound_default 9 Sedit Celete
Inbound Routes	
Blacklist	
System Settings 🔹 🛞	
<u>General Settings</u>	
<u>System Prompts</u> <u>E-Mail Settings</u>	
Network Settings	
File Sweep Backup and Restore	
Firmware update	
Reset and Reboot	
Password Settings	
Reports 🙁	
<u>FAX Logs</u> <u>System Info</u>	
Veastar	
ど Done	🍏 Internet

Figure 3-7

3.2.3.1 Create Outbound Route

Click 'New Outbound Route' and fill in the responding information on prompt window.

1) General

·Route Name

Name of this Outbound Route. Ex: 'Local' or 'LongDistance' etc.

·Dial Pattern

In dial patterns, some characters have special meanings:

- X ... Any Digit from 0-9
- **Z** ... Any Digit from 1-9
- **N** ... Any Digit from 2-9

[12345-9] ... Any Digit in the brackets (in this example, 1,2,3,4,5,6,7,8,9) Wildcard, Matches Anything Remaining; i.e. 9011. Matches anything starting with 9011 (excluding 9011 itself)

! ... Wildcard, causes the matching process to complete as soon as it can unambiguously determine that no other matches are possible.

For example, **NXXXXXX** would match normal 7 digit dialings, while **1NXXNXXXXX** would represent a three digit area code plus phone number,



proceeded by a one.

Strip

Allows the user to specify the number of digits that will be stripped from the front of the dialing string before the call is placed via the trunk selected in 'Use Trunk' One might; for example, want users to dial 9 before their long distance calls; however one does not dial 9 before those calls are placed onto analog lines and the PSTN, so one should strip 1 digit from the front before the call is placed.

·Prepend digits before dialing

Allows the user to specify digits that are prepend before the call is placed via the trunk. If a user's trunk required 10 digit dialing, but users were more comfortable performing 7 digit dialing, this field could be used to prepend a 3 digit area code to all 7 digit strings before they are placed to the trunk. User may also prepend a 'w' character for analog trunks to provide a slight delay before dialing

·Calls From Extensions

Defines the Extension that calls, matching the specified pattern, will be placed through.

•Make Outbound Calls on Trunk

Defines the Trunk that calls, matching the specified pattern, will be placed through.



Edit Outboud Route			X
Route Name 🛈 :	9		
Dial pattern 🛈 :	9		
Strip 🛈	1 digits from	n front	
Prepend these digits 🛈		before dialing	
Calls From Extension(s) 🛈			
Available Extensions		Selected	
	>>> → ≪≪	501(Virtual) 502(Virtual) 503(Virtual) 504(Virtual) 505(Virtual) 506(Virtual) 507(Virtual) 508(Virtual)	
🦳 Make Outbound Calls On 🛈 👘			
Available Trunks		Selected	
	>>> → ←	PSTN(Analog FXO)	
	🗸 Save 🛛 🗙 Car	incel	

Figure 3-8

3.2.3.2 Delete Outbuond Route

Click 'Delete' on selected trunk to remove the trunk.



3.3 Inbound Call Control

3.3.1 IVR

When there's an incoming call aims at Auto Attendant, BizFAX will play the IVR and guide the caller to the required extensions (such as 'Welcome to XX company, for sales press 1, for technical support press 2, for operation press 0, or dial ext. number directly. System will transfer the call to corresponding extension according to DTMF).

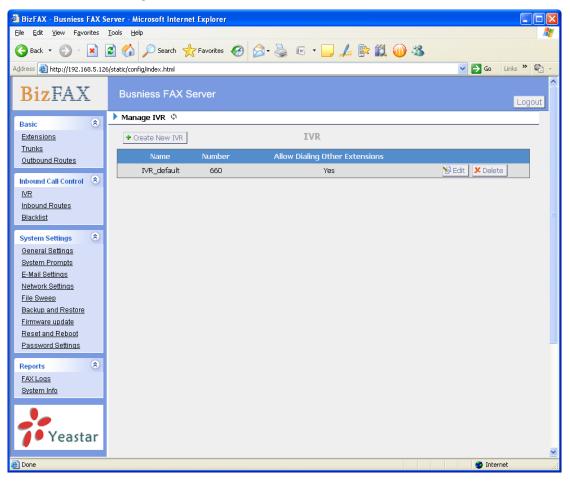


Figure 3-9

3.3.1.1 Auto Attendant

Click 'Create New IVR' as shown on Figure 3-10.

1) General

•Number

My PBX treats IVR as an extension; you can dial this number access the IVR.

•Name

A name for the IVR

Prompt

A Prompt file for the IVR.



•Custom IVR Prompt

If you want to use your prompts, please click this link, and upload the sound file.

·Play Times

The times of the selected IVR prompt file will be played.

WaitExten

Wait for the user to enter a new extension for a specified number of seconds.

·Allow Dialing Other Extensions

Check this option if the user want to dial extensions directly.

2) Key Press Events

Allow key press events will cause the system to listen for DTMF input from the caller and define the actions that occur when a user presses the corresponding digit.

·Time Out

Defines the timeout action. Timeout occurs when no DTMF entry is detected for 3 times after the IVR has finished playing its prompts.

Invalid

Defines the invalid action. The invalid action is triggered if the user enters a DTMF that is not otherwise defined for the IVR.

·Detect FAX Tone

The detect fax tone action is triggered if it receive the fax tone and user not input the extension number.



New	IVR					X
N	lumber 🛈 : 660					
	Name 🛈 : welcome					
1	Prompt 🛈 : 🛛 default	*	Custom IVR Pr	ompts		
Pla	ıy times 🛈 : 🔳 🔽					
W	aitExten 🛈 : 🖪 💌					
	🔲 🛈 Allow Dialing Otl	her Extensions				
	🔍 KeyPress Events					
	Key	Action		Destination		
	0	Connect to Extension	*	User Extension 501	*	
	1	Connect to Extension	*	User Extension 502	*	
	2	No Action	*		~	
	З	No Action	*		~	
	4	No Action	~		~	
	5	No Action	*		Y	
	6	No Action	~		~	
	7	No Action	~		*	
	8	No Action	~		~	
	9	No Action	~		~	
	#	No Action	*		Y	
	*	No Action	*		~	
	TimeOut 🛈	Connect to Extension	~	User Extension 501	*	
	Invalid 🛈	Connect to Extension	~	User Extension 501	*	
	Detect fax tone	501	*			
		🗸 Save	🗙 Cancel			

Figure 3-10

3.3.1.2 Delete IVR

Select the item you'd like to remove and click 'Delete' key.

3.3.2 Inbound Routes

Inbound routing mainly works for guides incoming calls to reach destination extension within the working hours.



🗿 BizFAX - Business FAX Server - Microsoft Internet Explorer				
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	Iools Help			
🌀 Back 👻 🛞 🖂 💌	🗟 🏠 🔎 Search 🧙 Favorites 🤣 😥 - 🌺 🖅 - 🛄 🛵 除 🏭 ᡝ 🖄			
Address 🙆 http://192.168.5.12	26/static/config/index.html 🔽 🄁 Go	Links 🎽 🌚 👻		
Biz FAX	Busniess FAX Server	Logout		
Basic	Manage Inbound Routes 💠			
<u>Extensions</u> <u>Trunks</u>	New Inbound Route Manage Inbound Routes			
Outbound Routes	Route Name Pattern			
	inbound_default 🕥 Edit 🗴 Delete			
Inbound Call Control (***) IVR Inbound Routes Blacklist				
System Settings General Settings System Prompts E-Mail Settings Network Settings File Sweep Backup and Restore Firmware update Reset and Reboot				
Password Settings Reports System Info				
Yeastar				
ど Done	🍅 Inter	net 🤃		

Figure 3-11

3.3.2.1 Create Inbound Route

Click 'New Inbound Route' to enter to the page.

1) General

·Route Name

Name of this Inbound Route. Ex: 'pstncallin' etc.

Pattern

Define the Caller ID Number to be matched on incoming calls. Leave this field blank to match any or no CID info.

In patterns, some characters have special meanings:

- X ... Any Digit from 0-9
- **Z** ... Any Digit from 1-9

N ... Any Digit from 2-9

[12345-9] ... Any Digit in the brackets (in this example, 1,2,3,4,5,6,7,8,9) Wildcard, Matches Anything Remaining; i.e. 9011. Matches anything starting with 9011 (excluding 9011 itself)

! ... Wildcard, causes the matching process to complete as soon as it can unambiguously determine that no other matches are possible.

For example, **NXXXXXX** would match normal 7 digit dialings, while **1NXXNXXXXX** would represent a three digit area code plus phone number, proceeded by a one.



2) Trunk Sequence

This selection shows all Trunks. Checking Trunk here makes them a member of the Inbound Route.

3) Destination

You can choose the options for receive the incoming fax.

Edi	t Inbound Route	×
ſ	General	٦.
	Route Name 🛈 : FaxIn	
	Pattern 🛈 :	
	Trunk Sequence 🛈	
	Available Trunks Selected	
	>>>> PSTN(Analog FXO)	
	←	
	Destination	
	C Public FAX Folder	
	C IVR IVR 3333	
	C FAX Machine Extensions 601	
	Virtual FAX Extensions	
	Available Extensions Selected	
	502 501	
	502 503 504	
	505	
	506 507 ←	
	508	
	509	
	🗸 Save 🛛 💥 Cancel	

Figure 3-12

3.3.2.2 Delete Routes

Select the item you'd like to remove and click 'Delete' key.

3.3.3 Blacklist

Blacklist is an easy to use function which used to block an incoming call; it will refuse any incoming call which you don't want to answer.



If the incoming call number in the blacklist, system will prompt "The number you have dialed is not in service. Please check the number and try again", and then system hang up the call.

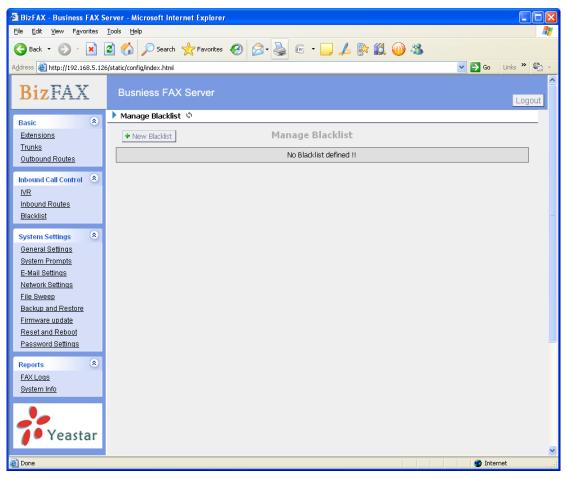


Figure 3-13

3.3.3.1 Create Blacklist

Click 'New Blacklist' to enter to the page.

New Blacklist		×
	Blacklist Number 🛈 :	
	Save Cancel	

Figure 3-14

·Blacklist number

Enter the number you want to block.



3.4 System Settings

3.4.1 General Settings

1) FAX Settings

•The fax left page header: this value will be showed on the fax left page header when sending out.

•The fax right page header: this value will be showed on the fax right page header when sending out.

•**The retry times for failed faxes:** When system failed to send fax, it will try X times as configured.

•**The retry times if called is busy:** The callee is busy when system send fax, it will try X times as configured.

•Backup Faxes: Only the faxes that virtual extensions send or receive from PSTN Trunks and the faxes that FXS extensions send to virtual extensions will be back up.

2) Prompt callee send FAX signal

·Prompt callee send FAX signal

Sometimes customers use the Two-in-One machine that sends fax and receives telephone call by the same equipment. When you want to send fax to those customers, please remind them to send a fax single.

Prompt

The prompt tone asks for a fax signal from callee.

Play times

The times of the selected prompt file will be played.

WaitExten

Wait for the user to enter a new extension for a specified number of seconds.

3) Date & Time

Set the date and time for BizFAX Appliance.



🗿 BizFAX - Busniess FAX Server - Microsoft Internet Explorer							
Eile Edit View Favorites Iools Help							
🕞 Back 🝷 🌍 🐇 🚺	🖹 🏠 🔎 Search 🤺 Favorites 🤣 🔗 - 🌺 📧 - 🛄 🙏 🕅 🎇 🍈 🖏						
Address 🙆 http://192.168.5.126	i/static/config/index.html 💽 🔁 😡 Links 🎽 🔩 🛩						
Biz FAX	Busniess FAX Server						
Basic) General Settings 10						
Extensions	FAX Settings						
<u>Trunks</u> Outbound Routes	The fax left page header: BizFAX-E100						
Inbound Call Control 🙁	The fax right page header 0: ext=(ext)						
<u>MR</u>	The retry times for failed faxes: 0						
Inbound Routes	The retry times if callee is busy: 0						
Blacklist	Prompt callee send FAX signal						
System Settings 🔹							
<u>General Settings</u>	Prompt callee send FAX signal						
<u>System Prompts</u> <u>E-Mail Settings</u>	Prompt : WaitToneSound-cn 💟 Custom Prompts						
Network Settings	Play times 🕖 : 🛛 💌						
File Sweep Backup and Restore	WaitExten 🕃 : 3 💌						
Firmware update	Date & Time						
Reset and Reboot	Server Time: Fri Oct 09 4:47:59 2009						
Password Settings							
Reports 🏾 🍣	Time Zone: GMT-08:00 Pacific Time (US and Canada)						
<u>FAX Logs</u> System Info	Automatically Synchronize With An Internet Time Server						
	NTP Server : pool.ntp.org						
Veastar	C Set New Date & Time Manually						
•	Date						
	Time 💙 : 💙 AM 🗸						
	Save X Cancel						
ど Done	🖉 🖉 Internet						

Figure 3-15

3.4.2 System Prompts

Admin can upload prompt as follow:

- 1) Click 'Upload a system Prompt'.
- 2) Click 'Browse' to choose the file to upload.
- 3) Click 'Upload' to upload the selected Prompt.

Note: The sound file format: GSM 6.10, 8.000kHz, Mono, 1kb/sec

Upload System Prompt	×
WAV format:GSI	M 6.10 8.000 kHz, Mono, 1kb/sec
Choose file to Upload $oldsymbol{0}$:	浏览
Upload	X Cancel

Figure 3-16

3.4.3 E-Mail Settings



·E-mail Address

The E-mail Address that BizFAX will use to send voicemail to users' email.

·Password

The E-mail password.

·SMTP Server

The IP address or hostname of an SMTP server that the BizFAX may connect to, in order to send e-mail notifications of your voicemails; i.e. mail.yourcompany.com

·Port

The SMTP Port

·Use SSL/TLS to send secure message to server

This functions, must be selected for gmail and exchange server.

3.4.4 Network Setting

•DHCP

If this option is set, BizFAX will use DHCP to get an available IP address from your local network.

Hostname

Set the host name for BizFAX Appliance.

·IP Address

Set the IP Address for BizFAX Appliance.

Subnet Mask

Set the Subnet Mask for BizFAX Appliance.

Gateway

Set the Gateway for BizFAX Appliance.

·Primary DNS

Set the primary DNS for BizFAX Appliance.

Secondary DNS

Set the secondary DNS for BizFAX Appliance.



BizFAX - Busniess FAX S	ierver - Microsoft Internet Explorer	
<u>F</u> ile <u>E</u> dit ⊻iew F <u>a</u> vorites	<u>T</u> ools <u>H</u> elp	a da ser esta de la companya de la c
🕞 Back 🝷 🌍 👻 📘	💈 🏠 🔎 Search 🤺 Favorites 🤣 😒 - چ	🖻 • 🛄 🛵 除 🏭 ᡝ 🚳
Address 🙆 http://192.168.5.12	6/static/config/index.html	So Links 🎽 🗣 🗸
Biz FAX	Busniess FAX Server	Logout
Basic	Networking setting 🔅	
<u>Extensions</u> Trunks	Netv	work Setting
Outbound Routes	DHCP:	no 🗸
Inbound Call Control 🙁	Hostname:	BizFAX-E100
<u>IVR</u> Inbound Routes	IP Address:	192.168.5.150
Blacklist	Subnet Mask :	255.255.255.0
System Settings 🔹	Gateway:	192.168.5.1
General Settings	Primary DNS:	192.168.5.1
System Prompts	Secondary DNS:	
<u>E-Mail Settings</u> Network Settings	Secondary Divs.	
File Sweep		
Backup and Restore		✓ Save X Cancel
Firmware update Reset and Reboot	-	
Password Settings		
Reports 🙁		
FAX Logs		
<u>System Info</u>		
🥖 Yeastar		
Done		Marinet .:
Cono Cono		Triceller 🤤

Figure 3-17

3.4.5 File Sweep

•File Sweep when available space is less than:

The default value is 30M.

Delete

If the space less than the setting value, it will delete 50 faxs (50 is the default value).

3.4.6 Backup and Restore

Backup / Restore BizFAX's Configuration.



BizFAX - Business FAX Sector Secto	erver - Microsoft Internet Explorer	
<u>Fi</u> le <u>E</u> dit ⊻iew F <u>a</u> vorites	Iools Help	2
🚱 Back 🝷 🕥 🕤 💌	🗟 🏠 🔎 Search 🧙 Favorites 🤣 😥 - 🌺 🖅 - 🛄 🛵 🔯 🎱 🥸	
Address 🕘 http://192.168.5.126	/static/config/index.html	💌 🔁 Go 🛛 Links 🎽 🔩 👻
Biz FAX	Busniess FAX Server	Logout
Basic 🏾 🎗	File Sweep ψ	
Extensions	File Sweep	
<u>Trunks</u> Outbound Routes	File Sweep	
Inbound Call Control 🔹	File Sweep when available space is less than: 30 $${\rm M}$$	
<u>IVR</u>	Delete: 20 Faxs	
Inbound Routes		
Blacklist	Save 🗶 Cancel	=
System Settings 🔹 📚		
<u>General Settings</u> System Prompts		
E-Mail Settings		
Network Settings		
File Sweep Backup and Restore		
Firmware update		
Reset and Reboot		
Password Settings		
Reports 🙁		
<u>FAX Logs</u> <u>System Info</u>		
orstenning		
1 Yeastar		
- reastar		×
ど Done		🌍 Internet

Figure 3-18

3.4.7 Firmware Update

With new version, we can upgrade the firmware in GUI through a TFTP Server or HTTP URL.

Enter your TFTP Server ip address and firmware name, just click 'start', you will update your firmware easily.



BizFAX - Business FAX S	erver - Microsoft Internet Explorer	
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	Tools Help	A.
🌀 Back 👻 🌍 🐇 💌	😫 🏠 🔎 Search 🧙 Favorites 🚱 🔗 - 🌺 📼 - 🛄 🛵 除 🏭 ᡝ 🚳	
Address 🕘 http://192.168.5.12	6/static/config/index.html	💌 🔁 Go 🛛 Links 🎽 🔩 👻
Biz FAX	Busniess FAX Server	
Basic	▶ Update Appliance Firmware ψ	
<u>Extensions</u> <u>Trunks</u> <u>Outbound Routes</u>	Download Image From A :	
Inbound Call Control 🛛 🔕	HTTP URL TFTP Server	
<u>IVR</u>	HTTP URL :	
Inbound Routes Blacklist	Reset Configs :	
System Settings General Settings System Prompts E-Mail Settings Network Settings File Sweep Backup and Restore Firmware update Reset and Reboot Password Settings	* Start	
Reports (*) FAX Logs System Info		8
🙆 Done		🥑 Internet

Figure 3-19

3.4.8 Reset and Reboot

·Reboot Appliance

Warning: Rebooting the appliance will terminate all active calls.

·Reset to Factory Defaults

Warning: By resetting your System to factory defaults, you will lose all your configurations! You can't cut off the electricity during restarting till the RUN state light blink, otherwise it will cause the failure performance.



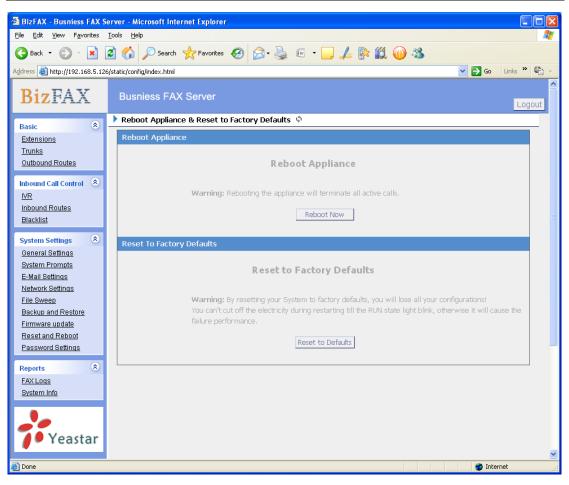


Figure 3-20

3.4.9 Password Settings

The default password is 'password', we need change that first.

Enter new password and click update, then the system will prompt you re-login using your new password.



🗿 BizFAX - Business FAX Server - Microsoft Internet Explorer					
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	Iools Help				
🚱 Back 🝷 🛞 🕤 🔀	😰 🏠 🔎 Search 🥀 Favorites 🤣 😥 - چ 🐷 - 🛄 🙏 🐘 鑬 ᡝ 🖄				
Address 🕘 http://192.168.5.12	i6/static/configlindex.html 💽 🔂 Go 🛛 Links 🎽 🐑 🗸				
BizFAX	Busniess FAX Server				
Basic	Password Settings 🜵				
<u>Extensions</u> Trunks	Password Settings				
Outbound Routes	User Name: admin				
Inbound Call Control	Enter New Password:				
Inbound Call Control 🙁	Retype New Password:				
Inbound Routes					
<u>Blacklist</u>	Update ■				
System Settings 🔹					
General Settings					
<u>System Prompts</u> E-Mail Settings					
Network Settings					
<u>File Sweep</u> Backup and Restore					
Firmware update					
Reset and Reboot					
Password Settings					
Reports 🙁					
FAX Logs					
<u>System Info</u>					
Yeastar					
- Teastar					
Done	🖉 Internet				

Figure 3-21

3.5 Reports

3.5.1 FAX Logs

FAX Log captures all fax details: Date, caller number, callee number, Subject, type, Status and so on. For administrator's convenience, admin can search information by time, type, subject and Status, and export them into CSV file.



🗃 BizFAX - Business FAX Server - Microsoft Internet Explorer							
Eile Edit View Favorites Iools Help							
🔆 Back • 🔊 • 🖹 🗟 🏠 🔎 Search 🤺 Favorites 🚱 🔗 • 🌺 🖅 • 🛄 🛵 💱 🏭 ᡝ 🖄							
Address 🕘 http://192.168.5.126/	'static/config/index.html			🕑 🔁 Go 🛛 Links 🎽 🖷 👻			
BizFAX	Busniess FAX Se	erver		Logout			
Basic	🕨 FAX Logs 🗘						
Extensions	General						
Trunks Outbound Routes	Start Date	1 Oct 2009	Extension All	×			
Inbound Call Control	Expiration Date	9 Oct 2009	Theme				
	Туре	All					
Inbound Routes	Status	All		=			
Blacklist		Refresh	port				
System Settings 🙁							
System Prompts							
E-Mail Settings							
Network Settings File Sweep							
Backup and Restore							
Firmware update Reset and Reboot							
Password Settings							
Reports 🛞							
FAX Logs							
<u>System Info</u>							
Yeastar							
- reastar				~			
🛃 Done				🎱 Internet			

Figure 3-22

3.5.2 Backup FAX Logs

If the server have enable 'Backup Faxes', System will back up the fax log and fax file in this page. Manager can view or delete the fax file via this page. **Note**: when manger deletes the backup fax log, it only deletes the logs in backup fax logs, will not delete the user's fax log.



🗿 BizFAX - Business FAX Server - Microsoft Internet Explorer						
Eile Edit View Favorites Iools Help						
🚱 Back 🝷 🕥 - 🖹 😰 🏠 🔎 Search 🤺 Favorites 🤣 🍰 - 🌺 🖅 - 🛄 🛵 💱 🏭 🍈 🖄						
Address 🕘 http://192.168.5.126	i/static/config/index.html			🖌 🄁 Go 🛛 Links 🎽 👘 🗸		
Biz FAX	Busniess FAX Se	rver		Logout		
Basic	🕨 FAX Logs 🕸					
Extensions	General					
<u>Trunks</u> Outbound Routes	Start Date	1 Oct 2009	Extension All	~		
Inbound Call Control 🛞	Expiration Date	9 Oct 2009	Theme			
IVR	Туре	All				
Inbound Routes Blacklist	Status	All				
System Settings General Settings System Prompts E-Mail Settings Network Settings File Sweep Backup and Restore		Refresh Exp	port			
Firmware update						
Reset and Reboot						
Password Settings Reports FAXLogs System Info Yeastar						
Done				Minternet		
Cons.				Turconiec		

Figure 3-22

3.5.3 System Infomation

State:

Information about Server State and FAX State.

Version:

Information about Hardware version, Firmware version.

Network:

Information about Hostname, MAC, IP Address, Mask, Gateway and DNS.

Disk Usage:

Disk usage information.



BizFAX - Business FAX S	erver - Microsoft Internet Explorer		
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites			
😋 Back 🝷 🌍 🕤 💌	🖻 🏠 🔎 Search 🤺 Favorites 🤣 😥 🖗 👻 🔲 🔺 🔛 🏄 🕢 🎎		
Address 🕘 http://192.168.5.12		Go Links »	e -
BizFAX	Busniess FAX Server	Lo	aout 🗅
	System Information \$		Joar
Basic	State ≈		
<u>Extensions</u> <u>Trunks</u>	Server State:		
Outbound Routes	Run		
Inbound Call Control 🔹	Fax State:		
<u>IVR</u>	Port 0: FXS, state: Idle		
Inbound Routes	Port 1: FXO, state: Idle		
Blacklist			
System Settings 🔹	Version <i></i> ≪		
General Settings	Firmware Version:		
System Prompts	1.0.0.1		
E-Mail Settings	Hardware Version:		≡
Network Settings	1.1		
File Sweep	Network 🛠		
<u>Backup and Restore</u> Firmware update	MAC:		
Reset and Reboot	00:15:65:11:32:77		
Password Settings	IP Address:		
	192.168.5.126		
Reports 🙁			
FAX Logs	Mask:		
<u>System Info</u>	255.255.255.0		
	Gateway:		
	192.168.5.1		
🍊 🖉 Yeastar	Bain and DMO.		
•	Primary DNS: 192.168.5.1		
	Secondary DNS:		
	Disk Usage 奈		
	Total Space:		
	240.00M		~
🙆 Done		🥑 Internet	

Figure 3-23

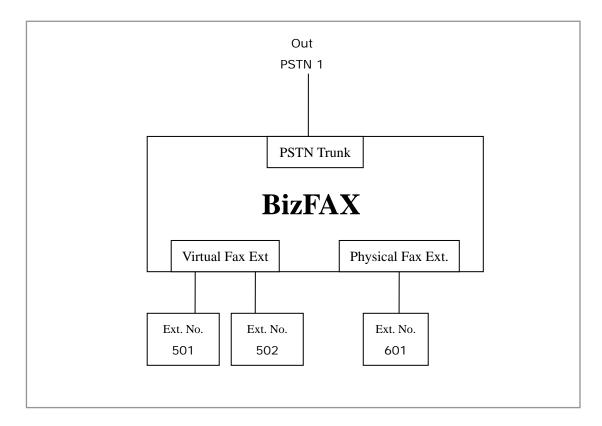


4. Use BizFAX

Make two examples for the below typical applications:

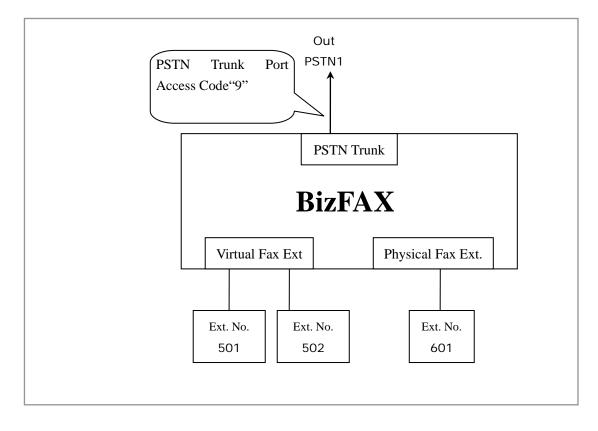
- Usage of sending fax
- Usage of receiving fax

For example, BizFAX has virtual fax Extensions 501 and 502 and physical fax Extensions 601; PSTN Trunk OutPSTN1.





4.1 Usage of Sending Fax



On the above demonstrated environment:

Suppose the settings of outbound routes are as below: Route Name: 9

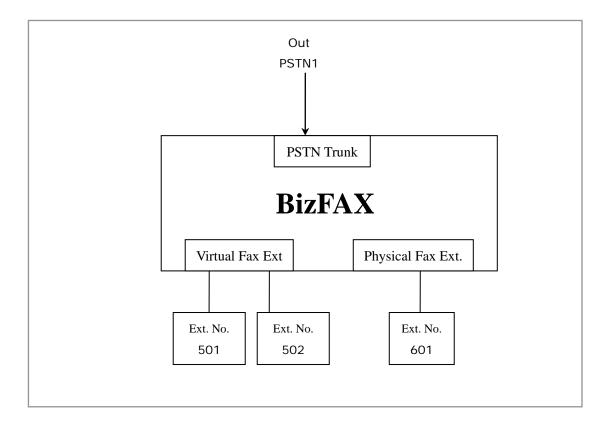
Apply this rule to: fax from extension(s)——All Extensions Make outbound calls on: Trunk Sequence—— All PSTN trunks Other: Deleted Prefix Count——1

Send fax through physical fax machine

If the extension 501 wants to send a fax to 0123-1234123, he can dial: 9+0123-1234123



4.2 Usage of Receiving FAX



On the above demonstrated environment:

Suppose the settings of inbound routes are as below: Route Name: All Source: Trunk Sequence—All Trunks

Route calls to: Destination——IVR 7777

For example: All the incoming calls will be answered by IVR 7777 and then forwarded to corresponding extension according to the transferring list.