



Optimum Business Trunking and the Fonality Trixbox Pro IP PBX Standard Edition V4.1.2p13 Configuration Guide







Table of Contents

1.	Overview	3
2.	SIP Trunk Adaptor Set-up Instructions	3
3.	Additional Set-up Information	7
4.	International Calling	8
5.	PBX Configuration	9



1 Overview

The purpose of this configuration guide is to describe the steps needed to configure the Fonality Trixbox Pro IP PBX for proper operation Optimum Business Sip Trunking.

2 SIP Trunk Adaptor Set-up Instructions

These instructions describe the steps needed to configure the LAN side of the Optimum Business SIP Trunk Adaptor.

Step 1:

Log on to the Optimum Business SIP Trunk Adaptor

1. Connect a PC to port 4 of the Optimum Business SIP Trunk Adaptor, the silver device labeled Edgewater Networks, 4550 series.



- 2. Open a Web browser and go to IP Address http://10.10.200.1. A login box will appear.
- Enter login and password and click 'OK'. Login: pbxinstall Password: s1ptrunk



Step 2:

Click on the LAN Settings Link

1. Assign an IP Address to the LAN interface of the SIP Trunk Adaptor. The IP address must be on the same subnet as the IP PBX. This changes the address on port 1 of the Optimum Business SIP Trunk Adaptor.

Note: This will become your local SIP proxy IP address. No other IP addresses will be provided by Cablevision.

2. Optional: Specify a VLAN for your voice traffic. Click the 'Enable Voice VLAN Tagging' check box. The default VLAN ID is 100.

Note: VLAN 200 should not be used. It is dedicated to port 4 for management.







- 3. Optional: Enable the DHCP server. This will allow the SIP Trunk Adaptor to act as a DHCP server, which will provide IP addresses to the voice network, and create a dedicated voice LAN, as per diagram 2.
- 4. Click 'Submit'.

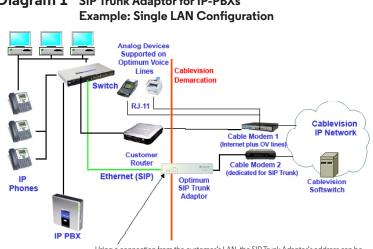
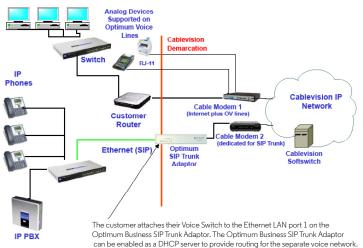


Diagram 1 SIP Trunk Adaptor for IP-PBXs

Using a connection from the customer's LAN, the SIP Trunk Adaptor's address can be a statically assigned private IP address. It may not be assigned a Public IP address.

Diagram 2 SIP Trunk Adaptor for IP-PBXs Example: Separate Voice and Data Networks Configuration





Step 3:

Click on the SIP Trunk Configuration Link

- 1. Select your IP PBX make and model from the drop-down menu.
- 2. Specify how the IP PBX will register to the Optimum Business SIP Trunk Adaptor.
- 3. The Cablevision network only supports Inband DTMF. Click on the check box next to "Convert Inband DTMF" if you cannot configure your IP PBX to

optimum.	SIP Trunk Configur	ation Help
Configuration	Select your PBX:	Asteriak
Menu • Customer • LAN Settings SIP Trunk Configuration		sing the local, private IP address of the PBX he same subnet as the IP Address that is specified for the LAN
Diagnostics System	 Active connection usin User Id: 	ng registration
	Password:	
	Convert Inband DTMF:	
	Submit Reset	
	Status:	
	Trunk Status:	Not Registered
	DID's	
	5164939899 (Pilot number) 5164939768 5164939769 5164939769 5164939795 5164939841	* *

send out Inband DTMF. The DTMF tone duration generated by the phones and/or PBX may need to be increased from their default setting. Some phones and/or PBX have a default setting between 180ms to 200ms. This setting is too low. The recommended setting is 600ms.

4. Click 'Submit'.

Step 4:

Diagnostics Link

You can make a test call directly from your phone or use the test call application under the Diagnostics link.

optimum.	Network Test Tools
optimom.	A network administrator may use the test tools on this page to verify connectivity of the System and trace the path of data throughout the
Configuration Menu	network.
Customer <u>LAN Settings</u> <u>SIP Trunk</u> <u>Configuration</u> Diagnostics	Outbound Call Test: This test will place a call to the provided telephone number and play a series of tones for 30 seconds. Pilot Number: \$164425886 Telephone Number: \$164425886
▶ <u>System</u>	Call Reset
	Inboard Call Text: when this text is enabled calls received for the pilot number as diverted to the internal Test UA for 15 minutes is enabled if Enabled w Disabled Semm
	Ping Test:
	IP Address to Ping: Ping Reset
	Traceroute Test:
	Transmite Reset



Step 4 continued

Field	Description	
Outbound Call Test TelephoneNumber		
Pilot Number Displays the provisioned pilot number, which is used for and inbound call tests.		
Call	Initiates a call outbound to a telephone number entered or inbound to the pilot number displayed.	
Inbound Call Test (radio button)	Indicates whether inbound test call will be enabled or disabled. If inbound test calls are enabled, calls made to the pilot number will be redirected to the test UA for fifteen minutes. When the pilot number is dialed, you will hear a test message play.	
Submit	Enables or disables the inbound call test.	
IP Address to Ping	Verifies basic connectivity to a networking device. Successful ping test results indicate that both physical and virtual path connections exist between the system and the test IP address.	
Ping Button	Sends a ping to the IP address specified in the field "IP Address to Ping".	
IP Address to Trace	Tracks the progress of a packet through the network. The packet can be tracked through the WAN or LAN interfaces of the adaptor.	
Interface (radio button)	Indicates whether a packet will be tracked through the LAN or the WAN.	
Traceroute Button	Initiates a traceroute to the specified IP address on either the LAN or the WAN.	
Reset	Clears all fields and selections and allows you to enter new information. Reset applies to outbound call test, ping and traceroute.	



3 Additional Set-up Information

Systems

optimum.	System Help
Configuration Menu	Software Version: Version 11.6.14.1 Fri Jan 4 17:49:28 PST 2013
Customer LAN Settings SIP Trunk	Hostname: 5164939899
Configuration Diagnostics System	Model: EdgeMarc 4552
	Vendor: Cablevision
	LAN Interface MAC Address: A8:70:A5:00:D8:18
	Registration Status:
	The ALG feature is registered. View <u>license key</u> .
	System Date: 02/29/2016 15:03:40 UTC
	Change Password: • pbxinstall

Field	Description
Pbxinstall Link	Select to change the default password for the pbxinstall login ID. Only the password can be changed. The login ID cannot be changed.

Password

optimum.	Set Password		<u>Help</u>
-	Change the GUI password b must be between 6 and 8 ch	y filling in the fields below. The password aracters in length.	I
Configuration Menu • Customer • LAN settings <u>SIP Trunk</u> <u>Configuration</u> • <u>Diagnostics</u> • <u>System</u>	Username: Current Password: New Password: Confirm Password: Submit Reset	pbxinstall	



Field Description	
Username Specifies the username for which the password can be changed.	
Current Password	Specifies the current password.
New Password	Specifies the new password.
Confirm Password Confirms the new password.	
Submit Applies the settings configured on this page.	
Reset	Clears all fields and selections and allows you to enter new information.

4 International Calling

Optimum Voice Business Trunking offers an optional International Calling Service for direct-dialed calls made from the Customer's business or from any phone via the Optimum Voice International Calling remote access number to destinations outside of the United States, Puerto Rico, Canada and the U.S. Virgin Islands at per minute rates. The Customer must login to the Optimum Business Account Center and activate the service on the Optimum Business Trunk Pilot telephone number to activate the service and manage the monthly International spending limit for the account.

Activating International calling on the Pilot TN will enable International calling for all Direct Inward Dial (DIDs) telephone numbers as well. Blocking International calling for one or more DIDs is managed by the customer directly from the PBX phone system configuration. To minimum the exposure to fraudulent calling, It is recommended to limit International calling capability to those DID's that require it and set up an account spending limit that reflects what is necessary to run the business.

It is the Customer (and/or the Customer Agent's) responsibility to properly secure the customer's PBX to prevent the PBX from being compromised and fraudulent calls from being made by unauthorized (internal or external) users. If fraudulent calls are detected, Cablevision reserves the right to disable International Calling until the PBX is properly secured by the customer.

FONALITY

optimum.

5 PBX Configuration

The steps on the next page describe the minimum configuration required to enable the PBX to use Optimum Business SIP Trunking for inbound and outbound calling. Please refer to the Trixbox Pro product documentation for more information on advanced PBX features.

The configuration described here assumes that the PBX is already configured and operational with station side phones using assigned extensions or DIDs. This configuration is based on Trixbox Pro Standard Edition v4.1.2-p13.

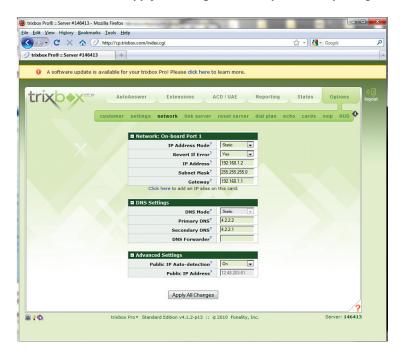
- The PBX, the phones and the Optimum SIP Trunk Adaptor should be on the same LAN segment. The PBX should be configured with a static IP address (i.e.: 192.168.1.2/24) and its gateway set to the Optimum Business SIP Trunk Adaptor's port 1 LAN IP address (i.e.: 192.168.1.1/24). All the Polycom phones are shipped with default set to obtaining an IP address via DHCP. All the Polycom phones also support Auto Discovery that is strongly recommended for the PBX. You should enable the Optimum Business SIP Trunk Adaptor's DHCP server option when connected to the LAN, so the phones can get an assigned IP address and register with the PBX, once the PBX is configured for adding the phones.
- 2. To configure the PBX, launch the browser and access <u>http://cp.trixbox.com</u> from an Internet-ready PC.



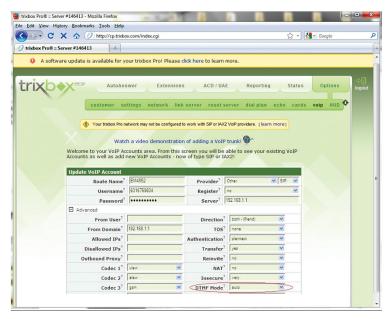
3. Enter the **username** and **password** for the PBX and hit the "Login" button.

🕘 trixbox Pro® :: Server #146413 - Mozilla Firefox	Martin Martin - Lab	- • ×
Eile Edit View Higtory Bookmarks Iools Help		
C X A () http://cp.trixbox.com/index.cgi	☆ - Google	٩
🕖 trixbox Pro® :: Server #146413 🔅		-
Do you want Firefox to remember the password for "tbadmin146413" on trixbox.com?	Remember Never for This Site	Not Now ×
A software update is available for your trixbox Pro! Please dick here to learn more.		
AutoAnswer Extensions ACD / UAE Re	porting Status Options	¢∬ logout
cdr report	s acd reports 🕈	
Welcome to trixbox Pro [®] . It's easy to get your system up and r	unning! Simply:	
Click the extensions tab above to customize your extensions.		
 Then click edit call menu to begin building your call menu. Then, record a personalized greeting by clicking voice prompts 	above.	
For fun, you may upload music-on-hold songs by clicking music-on-hold song by clicking mu		
Your "Annual Software & Support Agreement" is in good standing - with 1:	2 months remaining.	
Download		
TUD Download HUD FONcall		
Lig 🖒 Click-to-call for Firefox		
[More info] [PC MSI Mac] [More info] [Install]		
		<u>/?</u>
B ? ☆ trixbox Pro * Standard Edition v4.1.2-p13 :: © 2010 Fonality, Inc.	Server: 1-	46413

 Select "Options>network" to verify or change the network configuration on the PBX. Hit the "Apply All Changes" button if you make any changes.



- Select "Options>voip" to create a VoIP account for communicating with the Optimum Business SIP Trunk Service.
 - a. Enter a descriptive name in the "**Route Name**" field.
 - b. Select "Other" and "SIP" from the 2 drop-down menus for the "Provider" fields.
 - c. Select "yes" in the "**Register**" field if the Optimum Business SIP Trunk Adaptor is configured to receive SIP registration from the PBX; select "no" if Optimum Business SIP Trunk Adaptor is configured to communicate with the PBX via the PBX's static IP address.
 - d. If PBX registration is required, enter the username in the "Username" field and password in the "Password" field. Note that the username and password must match what are configured on the Optimum Business SIP Trunk Adaptor. In this example, the pilot DID, 6316769604, is used for both the username and the password.
 - e. In the Advanced section, select "no" in the "NAT" field.
 - f. If PBX registration is required, make sure the SIP registration string (see example from screen shot below) entered in the "**Register String**" field is in the form of "username:password@server/username".
 - g. Leave other fields as default and hit the "Add VoIP Account" button.



- 6. Select "**Extensions>phone numbers**" to add the DIDs/phone numbers assigned for the SIP trunk services.
 - a. Enter the phone number in the "**Number**" field.
 - b. Select "VoIP" in the "**Type**" field.
 - c. Enter a description in the "**Description**" field.
 - d. If the DID is a pilot DID (main number), select "yes" for the "**Primary**" field.
 - e. Hit the "Add Phone Number" button.

C × A () http://cp.trinbox.com/index.cgi C × A () http://cp.trinbox.com/index.cgi trinbox.Pro® = Server #146413 * A software update is available for your trinbox Pro! Please click here to learn more.	trixbox Pro® :: Server #146413 - Moz e Edit View History Bookmarks		
A software update is available for your trivbox Prol Please click here to learn more. A software update is available for your trivbox Prol Please click here to learn more. AutoAnswer Extensions ACD / UAE Reporting Status Options phones add extension view extensions phone number groups Watch a video demonstration of this page! Any phone number used by tribbox Pro must be added to the table below. These phone numbers are used in many places such as for Caller-ID and DIDs (Direct Inward Dials). Mad Phone Number Mumber? Still578564 Type? View Description? Man number/Plat DID Verify? Primary? Image: Add Phone Number Nete: To add a range of phone numbers, read this.? Add Phone Number Add Phone Number Showing O Phone Numbers			☆ - Google
AutoAnswer Extensions ACD / UAE Reporting Status Options phones add extension view extensions phone numbers groups Watch a video demonstration of this pagel Watch a video demonstration of this pagel Any phone number used by tribbox Pro must be added to the table below. These phone numbers are used in many places such as for Caller-1D and DDb (Direct Inward Diab). Add Phone Number Numer [Sib755954] Type? [VaP] Description? [Mannumber/Plkt DD] Verify? [Primary?]vee Neter To add a range of phone numbers, read this.? Add Phone Number Showing O Phone Numbers	trixbox Pro® :: Server #146413	+	
Noter To add a range of phone numbers, read this.? Add Phone Number Showing O Phone Numbers	Any phone number usee such as for Caller-ID an Add Phone Number	AutoAnswer Extensions ACD / UAE phones add extension view extensions phone Watch a video demonstration of this page! by tribbox Pro must be added to the table below. These pho d DDB (Direct Inward Dials).	numbers groups
	Note: To add a range of pl	hone numbers, read this.? Add Phone Number Numbers	
کې ک	D / 6.	trixbox Pro* Standard Edition v4.1.2-p13 :: @2010 Fonality,	7 Inc. Server: 146413

- 7. Select "**Extensions>phones**" to create/add device for phones.
 - a. Enter the MAC address of the phone in the " $\ensuremath{\mathsf{MAC}}$ "field.
 - b. Select the phone vendor in the "Vendor" field.
 - c. Enter a description in the "**Desc.**" field.
 - d. Hit the **"Add Device**" button. If you have trouble getting the phone to register with the PBX, click the **"these instructions"** link for more information.

Edit View History	146413 - Mozilla Firefox Bookmarks Iools Hel				값 • Google	
trixbox Pro® :: Serve		your trixbox Pro! Please did	k here to learn mo	re.		
trixb	Auto	Answer Extensions		Reporting	Status Optio	ins logout
Note: • Yo	our server address for l	ctions, you stand a very lov local phones is: s146413.tri remote phones is: s146413	xbox.fonality.com		r first phones.	
Add Ph MAC [?]	one 0004#2a664cb	Vendor [?] Polycom	320/330	Desc.? Poly	com 320/330	
Showin	ng O Devices	No ph	ones!	Seard	h: p	
						?
0 9 🛠	trixbox	Pro Standard Edition v4.1.2	∙p13 :: ©2010 Fon	ality, Inc.	Server:	146413

- 8. Select "**Extensions>add extension**" to create/add extension and associate the extension with the phone and the assigned DID.
 - a. Enter an extension number in the "Extension Number" field.
 - b. Enter a description in the "Description" field.
 - c. Enter the first name and last name of the phone user in the "**First / Last Name**" field.
 - d. Enter a username in the "Web Username" field.
 - e. Enter a password in the "Web Password" field.
 - f. In the **"Inbound Phone No."** field, select the DID for routing incoming calls to this extension. Note that in this example, we use the pilot DID to associate with the first extension number.
 - g. In the "**Outbound Caller-ID**" field, select the DID/username as the caller ID. Note that for PBX registration mode, the Optimum Business SIP Trunk Adaptor will always relay the outbound call with the pilot DID as the caller ID. Also, the caller ID that is used by the PBX for any outbound call must be the same username that is successfully registered with the Optimum Business SIP Trunk Adaptor. For static IP mode, the outbound caller ID can be the same as the DID phone number.
 - h. In the **"Phones / Devices**" field, select the phone/device for this extension. Note that the detected phone/device will show up in the available list even when it can not successfully register with the PBX.
 - i. Enter a password in the "Voicemail Password" field.
 - j. Select "no" in the "**NAT**" field.
 - k. Leave all other fields as default and hit the "Add Extension" button.

trixbox	Pro® :: Server #146413	*			
rix		AutoAnswer Extensions	ACD / UAE Reportin	g Status C	options
		phones add extension view e	extensions phone numbers	groups 🍄	
	Extension Number?	sion: >> step one <<	Add Extension: >> Ring Type [?]		
		Extension 111	Ring Seconds?		
		N111 LN111	Call Forwarding?		
		N111	Department?		
	Web Password?		Queue Auto-logoff?	disabled 💌	
	Employee Email?		Queue Ignore-if-busy?	yes 🖲 no 🔘	
	Instant Messenger?		Queue Pwd Required?	yes 🔍 no 🔘	
	Employee Mobile?		In Name Directory?	yes 🖲 no 🔘	
	Mobile SMS Email?	Select v	In Company Directory?	yes 🖲 no 🔘	
	Inbound Phone No.?	631-676-9604	In Blast Group?	yes 🗇 no 🔍	
	Outbound Caller-ID?	631-676-9604	In HUD?	yes 🖲 no 🔘	
	Phones / Devices?	polycom 331 - SIP/0004F2A664CB (x114	Voicemail Enabled?	yes 🖲 no 🔘	
	Voi	cemail Settings	Advanced S	Settings	
	Voicemail Bo		NAT?		
	Voicemail Password	1? ••• *numbers only	DTMF Mode?	rfc2833 (default) 💌	
	Voicemail Emai	1?	Qualify?	yes 🖲 no 🔘	
	Voicemail Pager Emai	I? this feature disabled	Queue Press-to-accept?	yes 🗇 no 🔍	
	Email Attachment	s? yes 🔘 no 🔍	Multiple Queue Calls?	yes 🔘 no 🔍	
	Delete When Emaile	d²yes ◎ no ●	Private Extension?	yes 🔍 no 🔍	
	Enable CallReturn	n² yes 🔍 no 🐵	Visual-only Extension?	yes 💿 no 🔍	
	Enable CallOu	t² yes 🔿 no 🎯			

9. Select "Extensions>view extensions" to verify that all phones are properly registered with the PBX. A green icon should be shown next to each extension. Mouse-over the "status" header to see what other status you may get. Note that you may need to set the "NAT" field for the extension to "yes" in order to get the green icon to appear.

AutoAnswer Extensions ACD / UAE Reporting S phones add extension view extensions phone numbers groups Phones add extension view extensions phone numbers groups Phones and remote HUD users will not be able to connect to your thotox Pre. [learn more]	one numbers groups	¢	Options
		¢	
Remote phones and remote HUD users will not be able to connect to your trabox Re. [learn more]	trivtey Pro (learn more)		
Remote phones and remote HUD users will not be able to connect to your thatox Pro. [learn more]	trixtex Pro_(learn more)		
Remote phones and remote HUD users will not be able to connect to your tholes Re. [learn more]	trivbox Pro tlearn moret		
You Have 1 license left out of 4. [buy more] Sea	Se	earch: 🔎	
Del Ext▼ Status [?] ▼ User's Name▼ Description▼ Department▼ Direct Dial Blast H	Direct Dial Blast	HUD Fwd.	Login
💥 111 🔍 LN111, FN111 Extension 111 631-676-9604	631-676-9604	1	LOGIN
X 112 O LN112, FN112 Extension 112 631-676-9605	631-676-9605	¥	LOGIN
	631-676-9606	1	LOGIN

- Select "Options>dial plan" to add dial plan for making outbound calls with "9+ 10-digit number".
 - a. Enter "nxxnxxxxx" in the "**Dial String**" field.
 - b. Enter a description in the "**Description**" field.
 - c. Select "long distance" in the "**Type**" field.
 - d. Select the Route name for the Optimum Business SIP Trunk Adaptor in the **"Route"** field.
 - e. Leave other fields as default and hit the "Add Dial Plan" button.

			Answer Ext	ensions	ACD / U	IAE Bond	orting	Status	Options	♦
	~Y									log
		customer	settings networ	k link serv	er reset	tserver dial	plan echo	cards vo	oip HUD 🌱	
			low. Watch a video	te lever benut	@ ~					
	Aug a ne	w Diar Plan Entry De	iow. watch a video	to learn now	Č					
	Add Dia	Plan Entry			_					
	Dial Stri	ng?	Description? T	ype?	Route?		Strip Digits	Prepend?		
	9 [?] + nor	000000X	9+ 10-digit number	ong distance 👻	1st: Vol	P: EM4552	1 (default) 💌			
	Legend: n	=any single digit othe								
		-any single digit onle	r than 1 or 0		2nd: - no	one (optional) - 💌	1 (default) 💌			
	×	=any single digit, incl =0 or more digits, up	iding 1 & 0	Add Dial Pla	3rd: nc	one (optional) - 💌	1 (default) - 1 (default) -			
		=any single digit, incl	iding 1 & 0 to any length	Add Dial Pla	3rd: nc					
		=any single digit, incl =0 or more digits, up	iding 1 & 0 to any length	Add Dial Plan	3rd: nc		1 (default) 💌	Prepend		
	Showing	any single digit, incl =0 or more digits, up 7 Dial Plan Entrie	ding 1 & 0 to any length	1.5%	3rd: nc	one (optional) - 💌	1 (default) 💌	Prepend		
	Showing Delete	any single digit, incl =0 or more digits, up) 7 Dial Plan Entrie Dial String	ding 1 & 0 to any length	Туре	3rd: - nc	one (optional) - 💌	1 (default) -	Prepend		
	Showing Delete X X X	any single digit, ind or more digits, up or Dial Plan Entrice Dial String 9 + nx00000 9 + 11 9 + 411	ding 1 & 0 to any length	Type local ca local ca local ca	3rd: - nc	one (optional) - 💌	1 (default) - Strip	Prepend		
	Showing Delete	any single digit, inde =0 or more digits, up 7 Dial Plan Entrie Dial String 9 + nxococox 9 + 11 9 + 411 9 + 611	S Emergency 911	Type local ca local ca local ca local ca local ca	3rd: - nc	one (optional) - 💌	t (default) v Strip 1 0	Prepend		
	Showing Delete X X X X	 any single digit, indeed eligits, up 7 Dial Plan Entrie Dial String 9 + mocococx 9 + 11 9 + 611 9 + 0 	S Description Emergency 911 Telco Operator	Type local co local co local co local co local co local co	3rd: - nc	Primary Route	1 (default) • • Strip 1 0 1	Prepend		
	Showing Delete	any single digit, indeed 0 or more digits, up 0 Jan Entrice 0 ial String 9 + 11 9 + 411 9 + 611 9 + 9 + 0 9 + 10xxxxxxxxxxxxxxxxxx	S S Description Emergency 911 Telco Operator Standard long d	Type local cr local cr local cr local cr local cr local cr local cr local cr	3rd: - nc	Primary Route	Strip 1 1 1 1 1 1 1	Prepend		
	Showing Delete X X X X	 any single digit, indeed eligits, up 7 Dial Plan Entrie Dial String 9 + mocococx 9 + 11 9 + 611 9 + 0 	S Description Emergency 911 Telco Operator	Type local co local co local co local co local co local co	3rd: - nc	Primary Route	Strip 1 0 1 1 1	Prepend		
	Showing Delete	any single digit, indeed 0 or more digits, up 0 Jan Entrice 0 ial String 9 + 11 9 + 411 9 + 611 9 + 9 + 0 9 + 10xxxxxxxxxxxxxxxxxx	S S Description Emergency 911 Telco Operator Standard long d	Type local cr local cr local cr local cr local cr local cr local cr local cr	3rd: - nc	Primary Route	Strip 1 1 1 1 1 1 1	Prepend		
10	Showing Delete	any single digit. Inde 0 or more digits. Up 7 Dial Plan Entrice Dial String 9 + nococox 9 + 11 9 + 611 9 + 0 9 + 100000000 9 + 10000000000 9 + 011.	S S Description Emergency 911 Telco Operator Standard long d	Type local ce local ce local ce local ce local ce i long di interna	3rd: - ne n all all all all stance tional	Primary Route VoIP: EM4552 VoIP: EM4552	Strip 1 1 1 1 1 1 1		Server: 14641	3

11. To configure the Trixbox PBX with a specific DTMF mode, follow the steps below.

Go to the "**Options**" tab, then select the "**voip**" link. In the drop-down box labeled "**DTMF Mode**", there are four options: RFC2833, Auto, Info, and Inband. Select "**Auto**". This will allow both Inband and RFC2833 protocols.

. C	X 🏠 🥑 http://cp.trixbo	x.com/index.cgi			Ę	슈 - 😫	▼ Google	
trixbox Pro® :: S	Server #146413 ÷							
A software	are update is available for yo	our trixbox Pro! Please c	lick here to learn	more.				
rivh	AutoAns	wer Extensions	ACD / UA	E Report	ing 9	Status	Options	\$
	AutoAlis	Extensions	ACDITOR	c Keport	ing -	otatus	options	logout
	customer se	ttings network link	server resets	erver dial pla	n echo	cards	voip HUD	
	Customer se	tingo network mik	Serier reserve	unarpha	in cono	Curuo	Tolp Hos	
	A Vour trivbox Bro as	etwork may not be configured to	a work with SID or IAV	2 VolD providera (la				
	Tour troubdx Pro In	stwork may not be configured a	o work with siP or POG	2 Vole providers. (Te	ann more)			
				0.				
	Watd	h a video demonstration	n of adding a VoIP	trunk!				
	Welcome to your VoIP Act	counts area. From this s	creen you will be	able to see you	r existing V	oIP		
		counts area. From this s	creen you will be	able to see you	r existing V	oIP		
	Welcome to your VoIP Act Accounts as well as add r	counts area. From this s	creen you will be	able to see you	r existing V	oIP		
	Welcome to your VoIP Act	counts area. From this s	creen you will be	able to see your XX2!	r existing V	oIP		
	Welcome to your VoIP Ac Accounts as well as add r Update VoIP Account	counts area. From this s new VoIP Accounts - nov	creen you will be w of type SIP or IA	able to see your XX2! Other				
	Welcome to your VoIP Accounts as well as add r	counts area. From this s new VoIP Accounts - nov EM4552	creen you will be w of type SIP or I/ Provider?	able to see your X2! Other				
	Welcome to your VoIP Ac Accounts as well as add r Update VoIP Account Route Name? Username?	counts area. From this s new VoIP Accounts - nov EM4552 [6316769604	creen you will be v of type SIP or IA Provider? Register?	able to see your X2! Other				
	Welcome to your VoIP Ac Accounts as well as add r Update VoIP Account Route Name? Username? Password?	counts area. From this s new VoIP Accounts - nov EM4552 [6316769604	creen you will be w of type SIP or IA Provider [?] Register [?] Server [?]	able to see your X2! Other				
	Welcome to your VoIP Acc Accounts as well as add r Update VoIP Account Route Name ⁷ Username ⁷ Password ⁷ Advanced From User ⁷	counts area. From this s new VoIP Accounts - nov EM4552 [6316769604	creen you will be w of type SIP or IA Provider [?] Register [?] Server [?]	able to see your XX2! Other no 192.168.1.1	SIP			
	Welcome to your VoIP Acc Accounts as well as add r Update VoIP Account Route Name ⁷ Username ⁷ Password ⁷ Advanced From User ⁷	counts area. From this s new VoIP Accounts - nov EM4552 [6316769604	creen you will be w of type SIP or IA Provider [?] Register [?] Server [?] Direction [?]	able to see your Other no 192:168.1.1 both - (friend) none	SIP			
	Velcome to your VoIP Acc Accounts as well as add r Update VoIP Account Route Name ² Username ² Password ² Advanced From User ² From Domain ²	counts area. From this s new VoIP Accounts - nov EM4552 [6316769604	creen you will be wof type SIP or 14 Provider? Register? Server? Direction? TOS?	able to see your XX2! Other no 192:168.1.1 both - (friend) none plaintext	SIP			
	Welcome to your Vip Pa A Accounts as well as addr Update VolP Account Route Name ² Username ² Advanced From User ³ Allowed Ps ² Disallowed Ps ²	counts area. From this s new VoIP Accounts - nov EM4552 [6316769604	creen you will be v of type SIP or I/ Provider? Register? Server? Direction? TOS? Authentication?	able to see your XX21 Other no 192:168.1.1 both - (friend) none plaintext yes	× SIP			
	Welcome to your VoIP Ac Accounts as well as add	Counts area. From this s new VoIP Accounts - nov EM4552 (\$316765604 192 168.1.1	creen you will be w of type SIP or IA Provider? Register? Server? Direction? ToS? Authentication? Transfer?	able to see your	SIP SIP SIP			
	Welcome to your Voip Ao. Accounts as well as addr Route Voip Account Route Name ² ■ Password ² ■ Advanced From User ² From Domain ² Allowed Te ² Disallowed Te ² Outbound Proxy ²	Counts area. From this s new VoIP Accounts - nov EM4552 5315759604 192 168 1.1	creen you will be v of type SIP or 1/ Register? Server? Direction? Tos? Authentication? Transfer? Reinvite?	able to see your VX21	V SIP			