



Release Notes for MyPBX Standard V6/V7

Version 20.19.0.X

Yeastar Information Technology Co. Ltd.

===Firmware Version: V20.19.0.47===

Applicable Model: MyPBX Standard V6/V7

Release Date: September 14, 2015

NOTE:

We strongly recommend you to back up the configurations and all the files before you upgrade.

- Backup files from 20.18.0.X cannot be restored to the device with firmware version 20.19.0.X.
- Backup files from higher firmware version cannot be restored to the device with lower firmware version.
- You need to RESET the device to make it work properly if you downgrade the firmware.
- Please clear the browser's cache after upgrade.

New Feature

1. Added support for phone provisioning of Snom 710, 715, 720, 820, 821, 870 and Htek UC623, UC626, UC802, UC803, UC804, UC806, UC840, UC842, UC860, UC862.
2. Added support for MySMS.
3. Added support for TF card.
4. Added support for Myanmar Time Zone +6.5.
5. Added Afrikaans system prompt.
6. Added "Linear" ring strategy for Queue.
7. Added support for GSM V2.0 Module.
8. Users could search call logs with "Exactly Match" feature.
9. Added "Input Digit Timeout" setting for "Feature Code".

Optimization

1. Optimized "Business Hours" description.
2. "User Name" and "Password" length for PPPOE settings is extended to 127 characters.
3. MyPBX administrator could change other accounts' password without entering the old password.
4. The character "+" is allowed in "custom country code" field on "SMS Settings" page.
5. Alphabetic characters are allowed in "Prepend" field for an outbound route.
6. LDAP contacts were extended from 300 to 1000.
7. The audio file generated in "DAHDI Monitor Tool" is split into two files, one records received voice, one records transmitted voice.
8. MyPBX will back up the Linux log file `/var/log/messages` to `/persistent` folder if the messages file gets large. The messages file records a variety of events, including system error messages, system startups, and system shutdowns.

9. MyPBX will store “Fax to Email” temporary files to /persistent folder.
10. The Backup file contains custom configuration files and custom script files, does not contain custom prompts.
11. After resetting MyPBX, all the configurations including custom configuration files and custom script files will be deleted.

Bug Fixes

1. Fixed the issue that custom configuration files, users_custom.conf, sip_custom.conf and sipsettings_custom.conf could not take effect.
2. Fixed the issue that there would no new call log created if the system stored a large amount of call logs.
3. Fixed the issue that a user dialed “*2” to check voicemail, after he/she pressed “#”, the system did not hang up the call but established an outbound call to “*2”.
4. Fixed the issue that if a ring group’s name contained a character “-”, it could not be selected in an IVR.
5. Fixed the issue that users could not set a password with special characters [; ,] for a IAX VoIP trunk.
6. Fixed the issue that when creating a new VoIP trunk, the “Realm” and “Authenticating Incoming Call” settings would disappear if you change the trunk type from “IAX” to “SIP”.
7. Fixed the issue that a 3rd party software could not read the correct trunk’s name from MyPBX via AML if the trunk name length was too long.
8. Fixed the issue that the extension status on MyPBX web indicated “Registered” even the extension was not registered.
9. Fixed the issue that the FTP status on “Security→ Service” page always showed “Enabled” even the FTP service was disabled.
10. Fixed the issue that when registering a VoIP trunk, MyPBX sent a REGISTER request with 5060 SIP port even the SIP port was changed, which caused incoming calls fail to reach the VoIP trunk.
11. Fixed the issue that T.38 fax for SIP trunk could not work properly.
12. Fixed the issue when calling in an IVR and dialed an extension number but no one answered the call, the call log marked the call as “ANSWERED”.
13. Corrected prompts for SMTP setting (from “Use SSL/TLS to send secure message to server” to “Use TLS for security on this server(SMTP)”) that indicates MyPBX did not support SSL.
14. Fixed the issue that when the system prompt was set to “French”, “Follow Me Prompt” (PBX→Basic Settings→General Preferences) setting could not take effect.
15. Fixed the issue that transfer feature could not work for mobility extensions.
16. Fixed that issue that BLF key feature could not work for the extension whose “Register Name” and “Name” were different
17. Fixed the issue that the BLF LED was on even the monitored extension was unavailable.

18. Fixed the issue that the call log could not display the IAX service provider trunk's name correctly if the trunk was registered using a domain.
19. Fixed the issue that the HDD usage rate was too low that only few recording files were stored.
20. The country code "Yugoslavia +381" was corrected to "Serbia +381".
21. Corrected the Hebrew voicemail prompts.
22. Fixed the issue that Grandstream IP phones displayed wrong date and time after rebooting if "Phone Provisioning" was configured for the phones.
23. Fixed the issue that phone provisioning for Panasonic could not work for MAC address starts with "0080".
24. Fixed the issue that phone provisioning for Cisco 7960 and 7940 could not work.
25. Fixed the issue that "Deutsch" language for Yealink phones could not work. (PBX→ Extensions→ Phone Provisioning→ General Settings for Yealink)
26. Fixed the issue that if the default SIP port was changed on MyPBX and used "TA Provisioning" feature to configure a TA gateway, the SIP port for TA gateway was incorrect.

New Feature (Instruction)

1. Added support for MySMS.

Path: System→ Security Settings→ AMI Settings

Instruction:

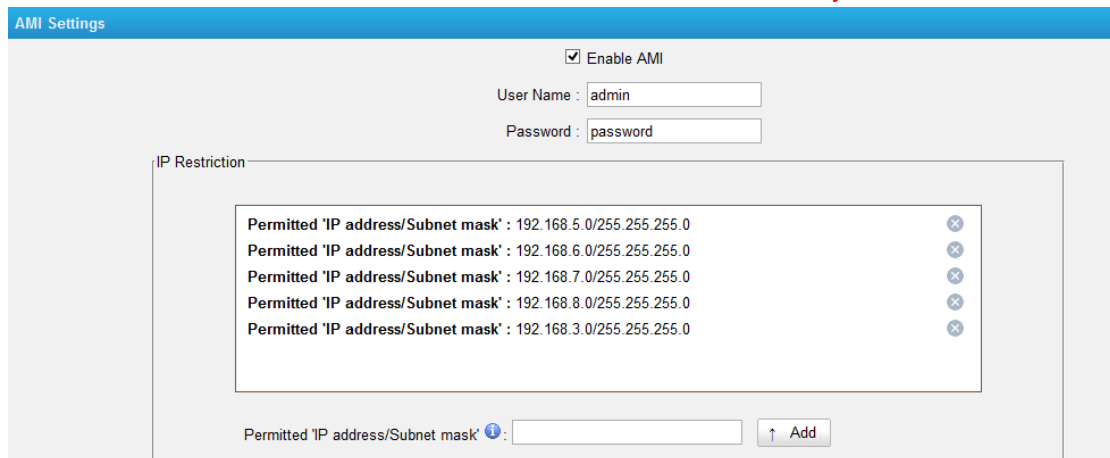
MySMS is software developed by Yeastar that helps you to send SMS on free Web messaging platform.

More information of MySMS here:

http://www.yeastar.com/Solutions/MySMS_Web_SMS_Center

To connect MyPBX and MySMS, you need to enable AMI on MyPBX and add the permitted IP address.

Note: make sure that GSM/UMTS/CDMA module is available on MyPBX.

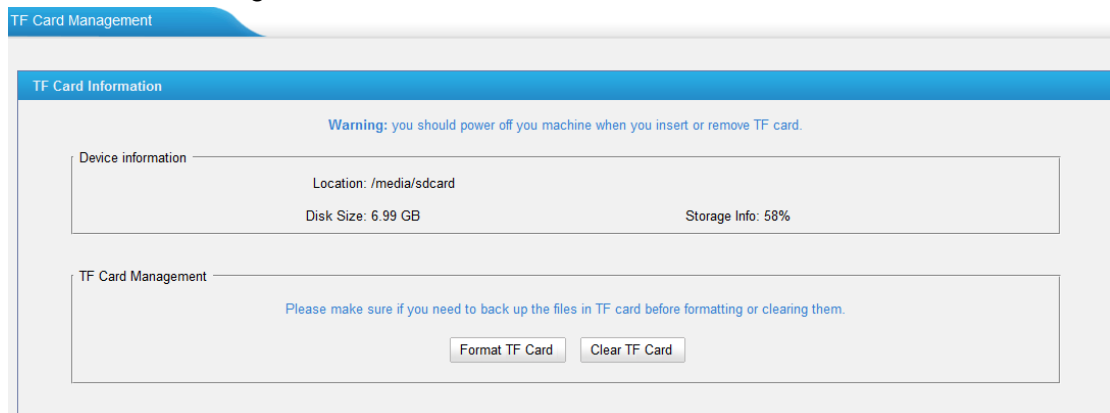


2. Added support for TF card.

Path: System→ Storage Management→ TF Card

Instruction:

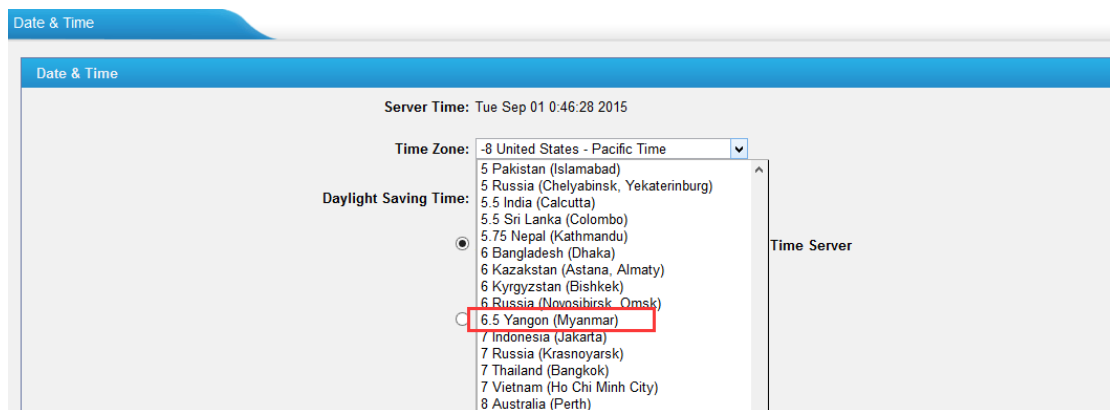
TF card is supported on MyPBX Standard with hardware version above 8.0. Users could choose to store recording files into TF card. If the storage of TF card is full, call recordings would be stored in an available USB device.



3. Added support for Myanmar Time Zone +6.5.

Path: System→ System Preferences→ Date and Time

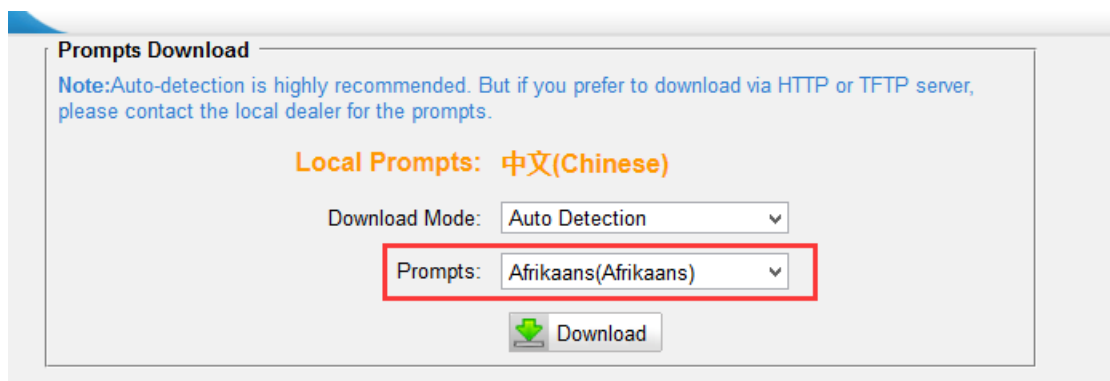
Instruction:



4. Added Afrikaans system prompt.

Path: PBX→ Audio Settings→ System Prompts Settings

Instruction:

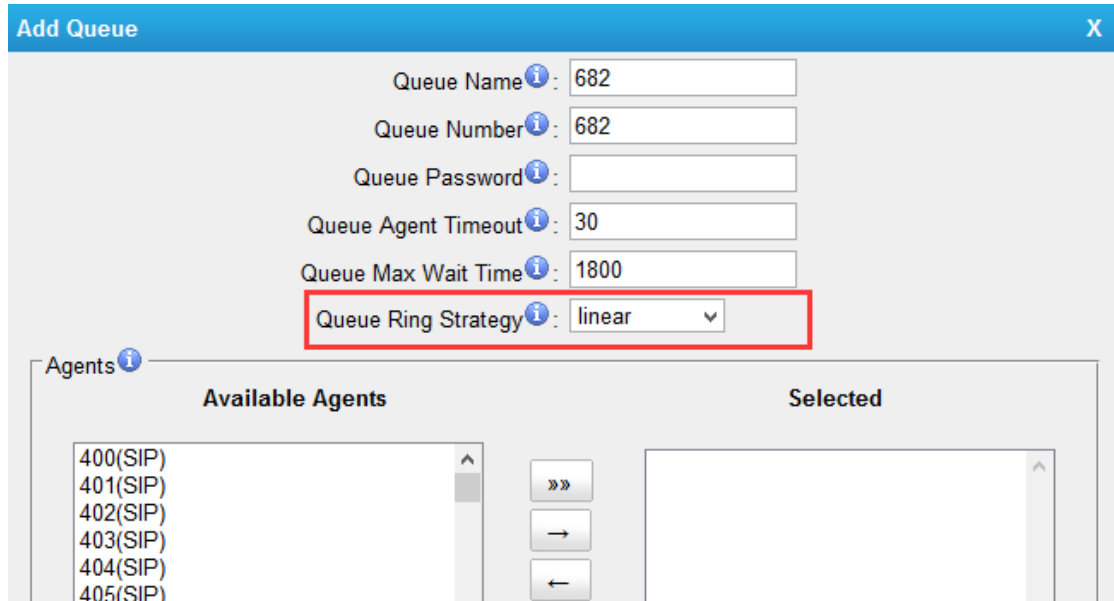


5. Added “Linear” ring strategy for Queue.

Path: PBX→ Inbound Call Control→ Queues

Instruction:

If choose the “Linear” strategy, the system will rings agents in the order they are listed in the configuration file.



6. Added support for GSM V2.0 Module.

Instruction:

The new GSM module is marked as “GSM V2.0”



7. Users could search call logs with “Exactly Match” feature.

Path: Reports→ Call Logs

Instruction:

Tick the “Exactly Match” option and type exact Caller/Callee number to search call logs.

Call Logs

Search Condition

Start Date: 30 Aug 2015 End Date: 01 Sep 2015 Caller/Callee: Trunk: All

Duration: Billing Duration: Status: All Communication Type: All

Account Code: **Exactly Match:** Start Searching

Download the records Delete the records Total: 6008 Show: 1-25 View: 25

Time	Caller	Callee	Source Trunk	Destination Trunk	Duration	Billing Duration	Status	Communication Type	Account Code
2015-08-30 22:03:00	300	400	217sps		2	2	ANSWERED	Inbound	
2015-08-30 22:03:00	301	401	217sps		2	2	ANSWERED	Inbound	

8. Added “Input Digit Timeout” setting for “Feature Code”.

Path: PBX→ Basic Settings→ Feature Codes

Instruction: set the timeout to input next digit.

General

<input checked="" type="checkbox"/> One Touch Record	*1	
<input checked="" type="checkbox"/> Check Extension Voicemail	*2	
Voicemail for Extension	#	
<input checked="" type="checkbox"/> Voicemail Main Menu	*02	
<input checked="" type="checkbox"/> Attended Transfer	*3	
Attended Transfer Timeout	15	s
<input checked="" type="checkbox"/> Blind Transfer	*03	
<input checked="" type="checkbox"/> Call Pickup	*4	
<input checked="" type="checkbox"/> Extension Pickup	*04	
<input checked="" type="checkbox"/> Intercom	*5	
<input checked="" type="checkbox"/> Normal Spy	*90	
<input checked="" type="checkbox"/> Whisper Spy	*91	
<input checked="" type="checkbox"/> Barge Spy	*92	
Input Digit Timeout	100000	ms

Optimization (Instruction)

1. Optimized “Business Hours” description.

Path: PBX→ Basic Settings→ Business Hours

Instruction:

Using the Day/Night control, the users can override the time settings and force all calls to the destinations as they wish, ignoring the office time.

- Force to Night Mode: dial *81 to switch to night mode (office closed mode), all calls will go to Night destination.
- Force to Day Mode: dial *82 to switch to day mode (office open mode), all calls will go to Day destination.
- Revert to the Original Mode: dial *081 to revert to the original mode, calls will go to the relevant destination according to the office time.

The screenshot shows the 'Business Hours' configuration page. At the top, there is a 'Day/Night Mode Control' section with three rows:

- *81 Force to Night Mode, Night Mode: Disabled
- *82 Force to Day Mode, Day Mode: Disabled
- *081 Revert to the Original Mode

 Below this is a 'General' section with two radio buttons: 'Enable Business Hours' (selected) and 'Disable Business Hours'.

2. “User Name” and “Password” length for PPPOE settings are extended to 127 characters.

Path: System → Network Preferences→ WAN Settings

Instruction:

The screenshot shows the 'WAN Settings' page. The 'Use WAN' section is checked. Underneath, there are fields for IP Address (192.168.3.187), Subnet Mask (255.255.255.0), Default Gateway (192.168.3.1), and Primary DNS (8.8.8.8). The 'Secondary DNS' field is empty. The 'PPPoE' radio button is selected and highlighted with a red box. Below it are 'User Name' and 'Password' input fields, also highlighted with a red box.

3. MyPBX administrator could change other accounts’ password without entering the old password.

Path: System → System Preferences→ Password Settings

Instruction:

To change other account’s password, the administrator can type the new password directly.

The screenshot shows the 'Change Password' page. At the top, there is a 'User' dropdown menu set to 'user'. Below it are two input fields: 'Enter New Password' and 'Retype New Password', both highlighted with a red box. At the bottom, there is a 'User Setting' section with two dropdown menus: 'Enable User Account' (set to Yes) and 'Enable CDR Account' (set to Yes).

4. The character “+” is allowed in “custom country code” field on “SMS Settings” page.

Path: PBX→ Advanced Settings→ SMS Settings

Instruction:

Enable Email To SMS

Email To SMS

Enable Country Code:

Country Code: Custom

Receive Emails Interval: 60

Access Code: 1 2

5. Alphabetic characters are allowed in “Prepend” field for an outbound route.

Path: PBX→Outbound Call Control→ Outbound Routes

Instruction:

Edit Outbound Route - pstnout

Route Name: pstnout

Password: [PIN Settings](#)

T.38 Support: No

Rmemory Hunt: No

Time Groups:

Dial Patterns

Dial Pattern	Strip	Prepend
9.	1	abc

6. LDAP contacts were extended from 300 to 1000.

Path: System→ LDAP Server

Instruction:

You can add up to 1000 contacts in the phone book.

LDAP Phone Book

Total: 5 Show: 1-5 View: 25

	Nick Name	Numbers		
<input type="checkbox"/>	alice	8282-83838833	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	betty	8234-2838884	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	catty	2733-18774747	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	cindy	9934-2737744	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	david	8744-187374	<input type="text"/>	<input type="text"/>

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===Firmware Version: V20.19.0.46===
Applicable Model: MyPBX Standard V6/V7
Release Date: August 3, 2015

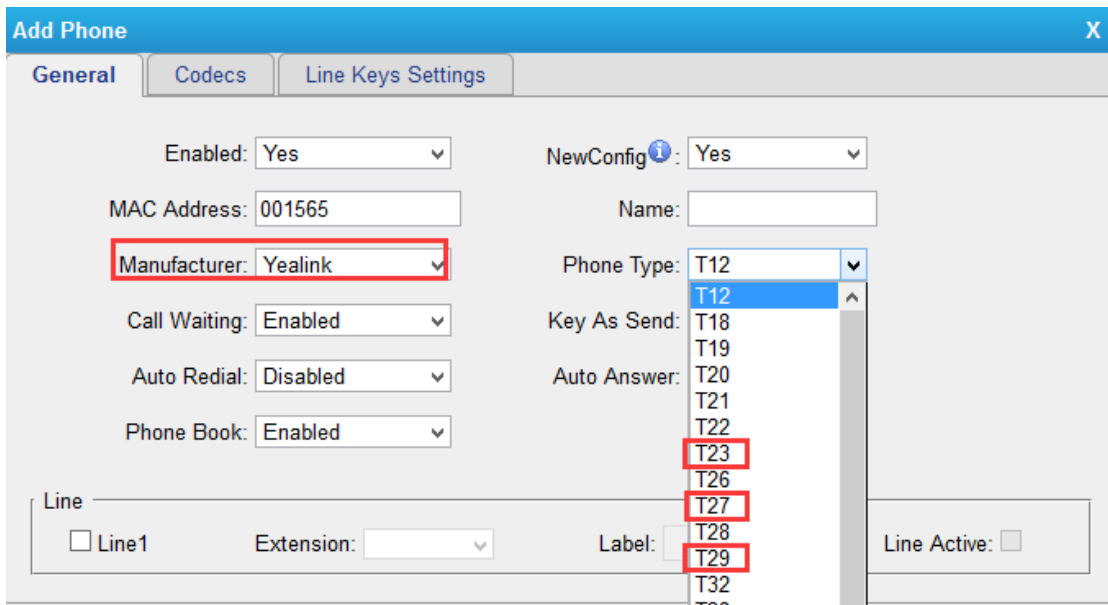
NOTE:

- We strongly recommend you to back up the configurations and all the files before you upgrade.
- Please note you may have to RESET the device to make it work properly after upgrade.
- Backup files from 20.18.0.X cannot be restored to the device with firmware version 20.19.0.X.
- Backup files from higher firmware version cannot be restored to the device with lower firmware version.
- Please clear the browser's cache after upgrade.

New Feature

1. Added support for phone provisioning of Yealink T23, T27, T29, Tiptel 30xx/31xx/32xx and Fanvil X3/3P, X5/5G, i20T, C400, C600.

Path: PBX→Extensions→Phone Provisioning



Add Phone [X]

General | Codecs | Memory Keys Settings | Line Keys Settings

Enabled: Yes

MAC Address: 000cc4 Name: _____

Manufacturer: Tiptel Phone Type: 3010

Phone Book: Enabled

Line

<input type="checkbox"/> Line1	Extension: _____	Label: _____	Line Active: <input type="checkbox"/>
<input type="checkbox"/> Line2	Extension: _____	Label: _____	Line Active: <input type="checkbox"/>

Add Phone [X]

General | Codecs | Function Keys Settings

Enabled: Yes

MAC Address: 00A859 Name: _____

Manufacturer: Fanvil Phone Type: C56

Call Waiting: Enabled Key As Send: C56

Auto Redial: Disabled Auto Answer: C58

Phone Book: Enabled

Line

<input type="checkbox"/> SipLine1	Extension: _____	Label: _____
<input type="checkbox"/> SipLine2	Extension: _____	Label: _____

Save Cancel

Optimization

- Office Hours can be set down to the minute.

Path: PBX→Basic Settings→Business Hours

Bug Fixes

1. Fixed the issue that Line Monitoring (BLF) on Tiptel or Hanlong IP phone would fail after a period of time.
2. Fixed the issue that changes for "Tone Region" could not take effect (PBX→Basic Settings→General Preferences).
3. Fixed the issue that attended transfer could not work properly when using Spectralink IP phone.

===Firmware Version: V20.19.0.43===

Applicable Model: MyPBX Standard V6/V7

Release Date: January 15, 2015

NOTE:

- Please note that if you upgrade from version 20.19.0.30 to version 20.19.0.43, you may have to RESET the device to make it work well, all the former configurations and records will lose.
- Backup files from 20.19.0.30 cannot be restored and will not work properly on the device with firmware version 20.19.0.43.
- Backup files from 20.18.0.X cannot be restored to the device with firmware version 20.19.0.X.
- Backup files from higher firmware version cannot be restored to the device with lower firmware version.
- Please clear the browser's cache after upgrade.

New Features

1. Added Hebrew system prompt.
2. Added support for CDMA module.

Optimization

1. Added a system prompt after successfully logging in or logging out a queue. For example, the queue number is 680. An agent can dial 680* to log in the queue, then the system will prompt “agent logged in”. If dialing 680** to log out the queue, the system will prompt “agent logged out”.
2. To avoid DTMF signals incorrect detection, the default **Rxgain** value on GSM trunk was adjusted from 40% to 60%. **Rxgain** is for received volume, increasing this value means increasing the received volume.

Bug Fixes

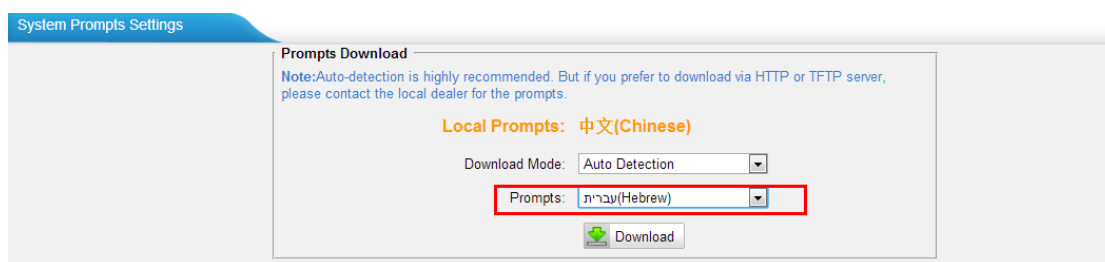
1. Fixed the issue that the query for mobility extensions would fail if the number of mobility extensions were more than the maximum extensions supported on MyPBX.
2. Fixed the issue that when calling a ring group without answer, there was no “missed call” displayed on the ring group member’s phone.
3. Fixed the issue that there were no “**MAC Address**” and “**Phone Type**” fields when editing Cisco phones on **Phone Provisioning Page**.
4. Fixed the issue that the PPPoE network could not connect automatically if the network cable was disconnected and connected again.

New Features (Instruction)

1. Added Hebrew system prompt.

Path: PBX→AudioSettings→System Prompt Settings

Instruction:



2. Added support for CDMA module.

Previously, MyPBX only supported GSM and UMTS module; in this version, MyPBX added support for CDMA module.

GSM Module: including SIM900 and SIM800 Module

support 850/900/1800/1900 MHz (Dual Band)

UMTS Module: including SIM5215E and SIM5215J Module

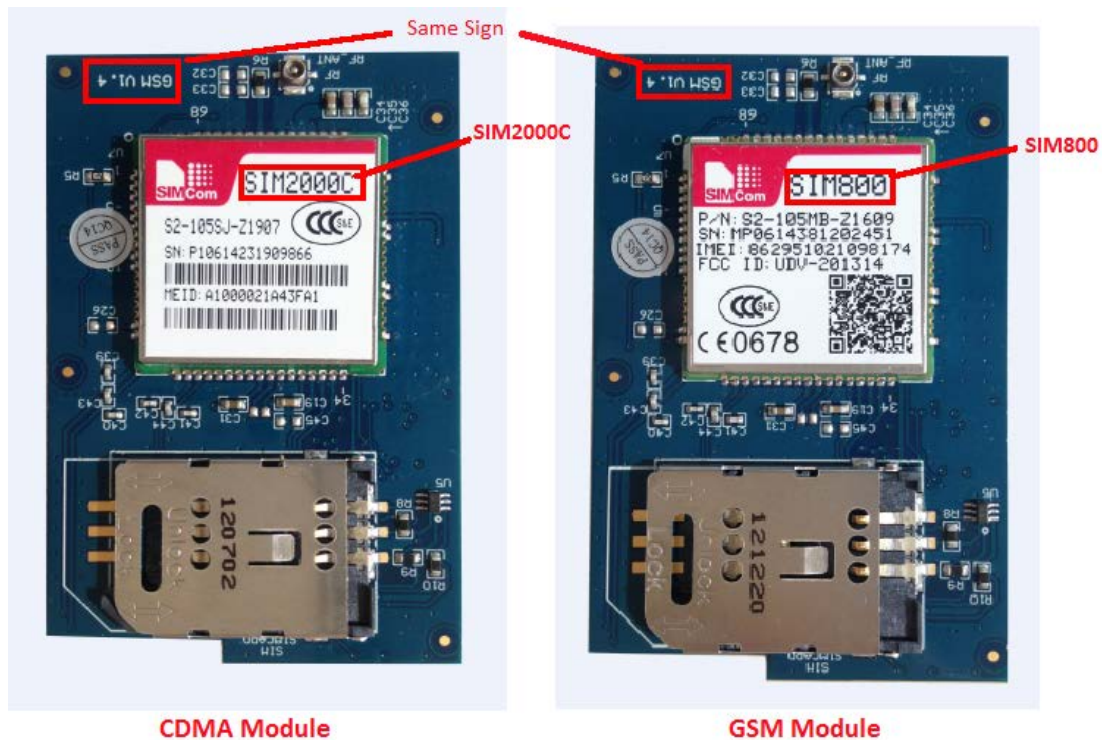
SIM5215E: Dual-Band UMTS/HSDPA 900/2100MHz

Quad-Band GSM/GPRS/EDGE 850/900/1800MHz

SIM5215J: Dual-Band UMTS/HSDPA 850(800)/2100MHz

Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz

CDMA Module: SIM2000C Module, supports 800MHZ



===Firmware Version: V20.19.0.42===

Applicable Model: MyPBX Standard V6/V7

Release Date: November 27, 2014

NOTE:

- We strongly recommend you to back up the configurations and all the files before you upgrade.
- Please note you may have to RESET the device to make it work properly after upgrade.
- Backup files from 20.18.0.X cannot be restored to the device with firmware version 20.19.0.X.
- Backup files from higher firmware version cannot be restored to the device with lower firmware version.
- Please clear the browser's cache after upgrade.

New Features

1. Added Pickup Call info on Call Logs page.
2. Added Rxgain and Txgain Settings on GSM trunk.
3. SSH and FTP Settings on LAN Settings page will take effect without rebooting.
4. Added support for using BLF key to monitor and capture PSTN trunks and GSM/UMTS trunks.
5. Added "Authenticating Incoming Call" on VoIP trunk.
6. Added "mypbxconf" execution interface for API.
7. Added Password settings for NeoGate Provisioning.

Bug Fixes

1. Fixed the issue that DND setting could not take effect for the extension which was selected in a ring group.
2. Fixed the issue that the configured "View" number on Extension page and Phone Provisioning page could not be fixed if any change was made on the page.
3. Fixed the issue that call queues could not be deleted if users logged in MyPBX French Web GUI.

Instruction (New Features)

1. Added Pickup Call info on Call Logs page.

Path:

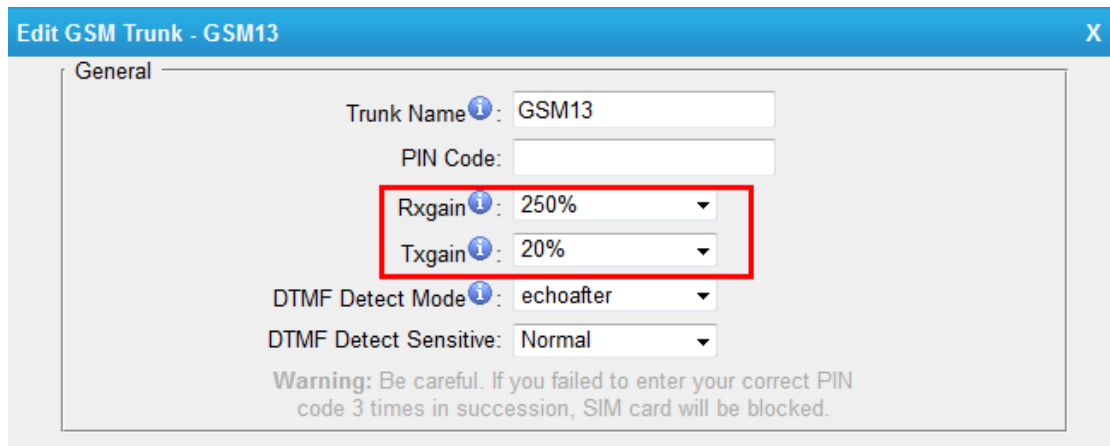
Instruction:

When a call was picked up by other user, you can check the pick up call info on Call Logs page. For example, the Callee shows "300(301)", it means that extension 300 is the callee, and extension 301 is the one who picked up the call.

2. Added Rxgain and Txgain Settings on GSM trunk.

Path: PBX→Trunks→Physical Trunks

Instruction:



Edit GSM Trunk - GSM13

General

Trunk Name ⁱ: GSM13

PIN Code:

Rxgain ⁱ: 250%

Txgain ⁱ: 20%

DTMF Detect Mode ⁱ: echoafter

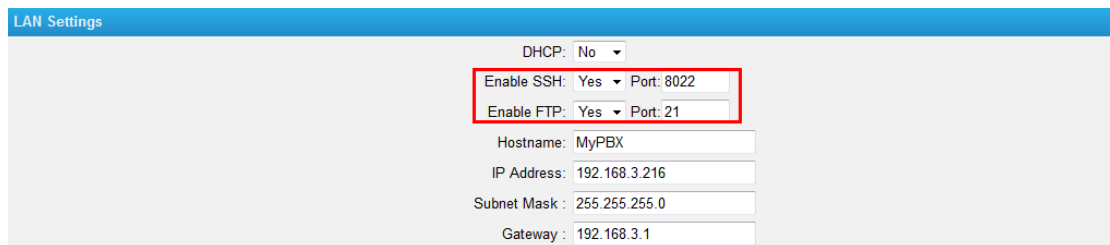
DTMF Detect Sensitive: Normal

Warning: Be careful. If you failed to enter your correct PIN code 3 times in succession, SIM card will be blocked.

3. SSH and FTP Settings on LAN Settings page will take effect without rebooting.

Path: System→Network Preferences→LAN Settings

Instruction:



LAN Settings

DHCP: No

Enable SSH: Yes Port: 8022

Enable FTP: Yes Port: 21

Hostname: MyPBX

IP Address: 192.168.3.216

Subnet Mask: 255.255.255.0

Gateway: 192.168.3.1

4. Added support for using BLF key to monitor and capture PSTN trunks and GSM/UMTS trunks.

Instruction:

You can configure BLF keys on your IP phone to monitor PSTN trunks and GSM/UMTS trunks. Also, you can press the configured BLF key to capture the trunks to make outbound calls.

5. Added “Authenticating Incoming Call” on VoIP trunk.

Path: PBX→Trunks→VoIP Trunks

Instruction:

When an incoming call reaches MyPBX and sends INVITE packet to MyPBX, MyPBX responds 401, but the Realm info in 401 Response does not match the Realm set on VoIP trunk, the provider will refuse to authenticate. If you set this option to No, MyPBX will not reply a 401 Response to the provider to authenticate the incoming call.

Edit VoIP Trunk - sip1

Provider Name: sip1

Hostname/IP: 192.168.3.203 : 5060

Domain: 192.168.3.203

User Name: 9100000

Authorization Name: 9100000

Password: ●●●●●●●●●●

From User: [Red Box]

Online Number ⓘ: [Red Box]

Maximum Channels ⓘ: 0

Caller ID ⓘ: 9100000

Realm ⓘ: www.hjjk.com

Authenticating Incoming Call ⓘ: Yes [Red Box]

Enable Outbound Proxy Server

Codecs : First: a-law Second: u-law Third: GSM

Fourth: None Fifth: None

Transport: UDP Enable SRTP ⓘ Qualify:

DTMF Mode: rfc2833

6. Added “mypbxconf” execution interface for API.

Instruction:

This is an interface for developer. You can connect a 3rd party software to MyPBX via API. A corresponding configuration file will be updated or created in MyPBX if changes were applied on the 3rd party software. For example, you create an extension 300 on the software. You will find the user 300 is added to MyPBX extensions.conf file.

7. Added Password settings for NeoGate Provisioning.

Path: PBX→Extensions→NeoGate Provisioning

Instruction:

General | **Extensions** | **Codecs** | **LAN Setting** | **Password**

Note: If failed to change, please upgrade NeoGate to the latest

User Name: admin

Enter New Password: [Red Box]

Retype New Password: [Red Box]

===Firmware Version: V20.19.0.41===

Applicable Model: MyPBX Standard V6/V7

Release Date: October 31, 2014

NOTE:

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- Please note you may have to RESET the device to make it work properly after upgrade.
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- Backup files from higher firmware version cannot be restored to the device with lower firmware version.
- Please clear the browser's cache after upgrade.

New Features

1. Added NeoGate Provisioning feature.
2. Supports DDNS Server "www.oray.com" and "3322.org".
3. Added "DAHDI Monitor Tool" and optimized "Debug Log" settings on System Logs page.
4. Added "Urgent" type voicemail.
5. Added Custom Language Setting for Yealink Phone Provisioning.
6. Supports phone provision for Grandstream IP phone GXP 2130, 2140, 2160 and Yealink T46G.
7. Added a communication type "Transfer" for searching the CDR on "Call Log" page.

Bug Fixes

1. Fixed the issue that the system had no self-repair ability when huge data stored in the database resulted to malfunction of the system.
2. Fixed the issue that the database stored in NAS server could not be repaired.
3. Fixed the issue that if users pressed the BLF key (which was configured to monitor a PSTN line) to catch a PSTN line to make an outbound call, there was no auto recording for the call.
4. Fixed the issue that the "Delete" button and "Download" button could not work correctly.
5. Fixed the issue that the "Follow me" setting on MyPBX could not work if "Follow me" was also set on IP phones.
6. Fixed the issue that Call Pickup (default feature code *4) feature could not work between a SIP extension and an IAX extension.
7. Fixed the issue that "Enable Forward All Calls" feature (default feature code *71) could not work if the extension "Caller ID" setting was changed.
8. Fixed the issue that the recordings for the calls which were made to MyPBX queues could not be queried by the Auto Recording Managers.

9. Fixed the issue that “T38 Max BitRate” setting on SIP Settings→T.38 could not work.
10. Fixed the issue that two identical recording files would be created on MyPBX “Custom Prompts” page if using Yealink VP530 IP phone to make a recording.
11. Fixed the issue that the LDAP server could not be enabled after applying the changes with blank password.
12. Fixed the issue that the system would download the same voice mail file if you didn’t update the page after downloading the former file.
13. Fixed the issue that call waiting could not work for analog phones even if call waiting was supported on the phone.
14. Fixed the issue that the extension and the corresponding mobility extension could not ring simultaneously if the extension was in a ring group.
15. Fixed the issue that an incoming call could not reach the extension but only the mobility extension if there was password set on the outbound route.
16. Fixed the issue that the system could not resolve the Domain (which was set on DDNS page) timely.
17. Fixed the issue that call logs were incorrect when there were multiple VoIP SIP trunks with the same IP/domain registered on MyPBX.
18. Fixed the issue that the caller could not hear ring back tone when he/she called in SIP trunk on MyPBX and the call was routed to an external number through BRI trunk on MyPBX.
19. Fixed the issue that the DOD numbers configured on MyPBX trunks could not be deleted successfully.
20. Fixed the issue that UMTS modules would be detected as GSM modules.
21. Fixed the issue that the inbound call to MyPBX PSTN trunk would not be detected if the ring tone sent to MyPBX was at 25hz.
22. Fixed the issue that the maximum number for Russian characters in Phone Book “Nick Name” field was 32.
23. Fixed the issue that the prompt files could not be played periodically according to the time set on queues.
24. Fixed the issue that there would be two duplicated alarm records on the Call Log page if the alarm call was rejected.
25. The characters [space ; - +] are not allowed in LDAP “Password” field; and the characters [- < >] are not allowed in Phone Book “Nick Name” field.
26. Fixed the issue that when there were two outbound routes with the same "Dial Pattern", DOD number set on the trunk (which was selected on the second outbound route) would not work.
27. Fixed the issue that when a VoIP trunk was registered on MyPBX, and an inbound route without "DID number" settings for this VoIP trunk was created, if the incoming DID number didn't match the "User Name" set on the VoIP trunk, the call would fail.

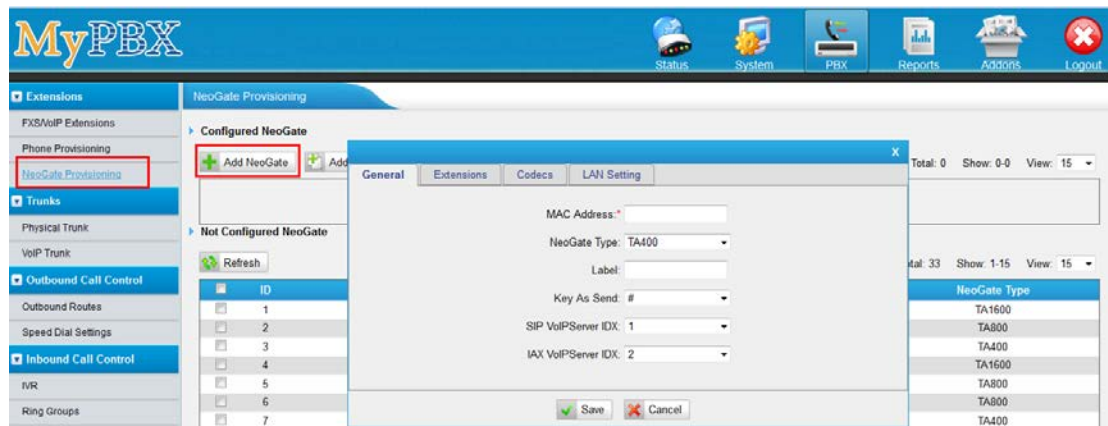
Instruction (New Features)

1. Added NeoGate Provisioning feature.

Path: PBX→Extensions→NeoGate Provisioning

Instruction:

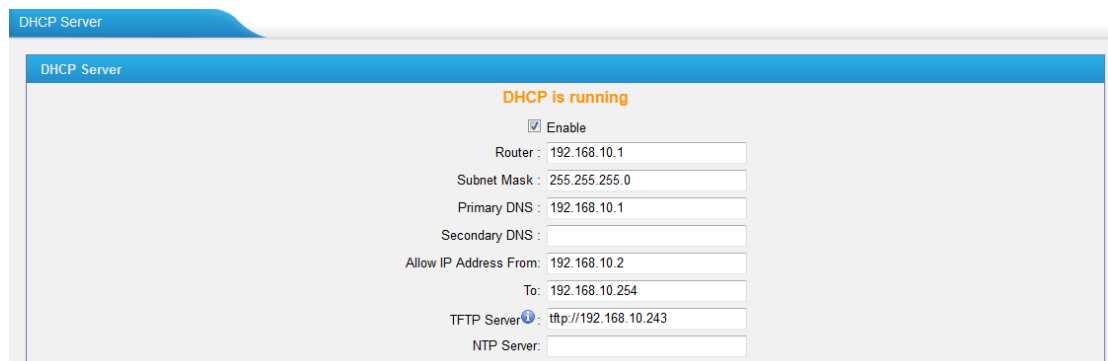
With this feature, you can easily configure the NeoGate TA on MyPBX, saving your time and efforts. Click “Add NeoGate” and fill in the corresponding information in the pop-up window, save and apply, the configurations will be applied to NeoGate TA.



Two Methods are supported for NeoGate provision: PnP and DHCP. Choose the method on NeoGate TA “Auto Provisioning Settings” page.



If DHCP method is selected on NeoGate TA, you should enable DHCP Server on MyPBX (System→ Network Preferences→DHCP Server).

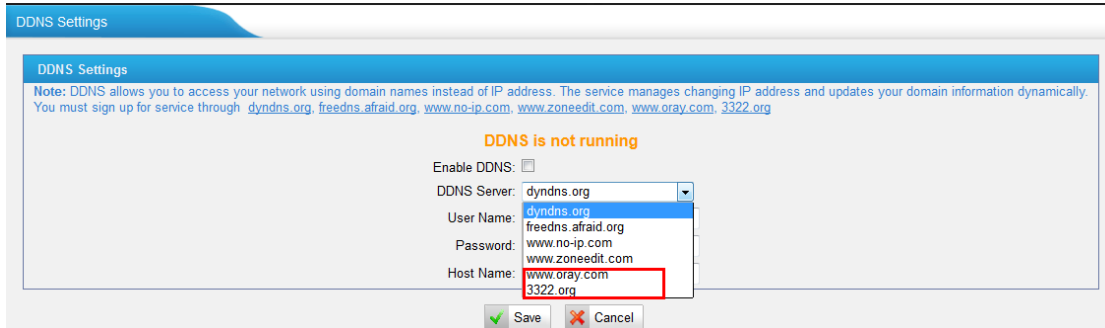


2. Supports DDNS Server “www.oray.com” and “3322.org”.

Path: PBX→Extensions→NeoGate Provisioning

Instruction:

You can sign up for service through “www.oray.com” and “3322.org”, then take the account to configure in MyPBX DDNS Settings.



3. Added “DAHDI Monitor Tool” and optimized “Debug Log” settings on System Logs page.

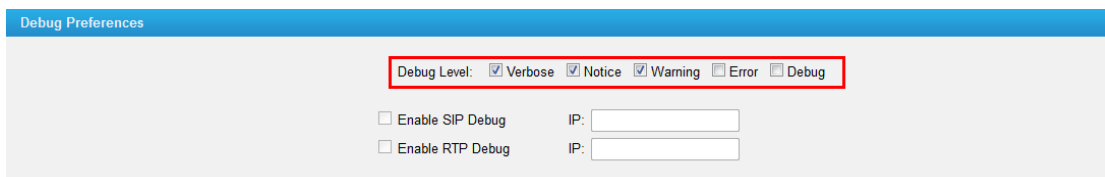
Path: Reports→Reports→System Logs

Instruction:

Making records for PSTN/GSM trunks to do trouble shooting is no longer a trouble when using this tool.



You can trace different debug logs by configuring the Debug Level.



4. Added “Urgent” type voicemail.

Path: PBX→Basic Settings→Voicemail Settings

Instruction:

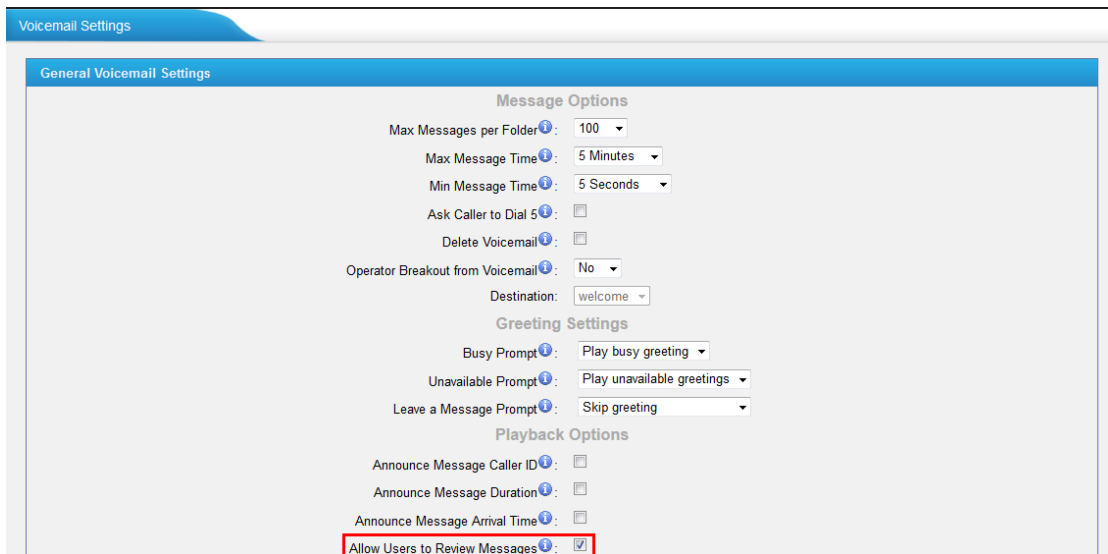
To mark the voicemail as an “Urgent” one, you should check the option “Allow Users to Review Messages”. After the caller leave the message and press # key, a prompt will be played.

Press 1 to accept this recording.

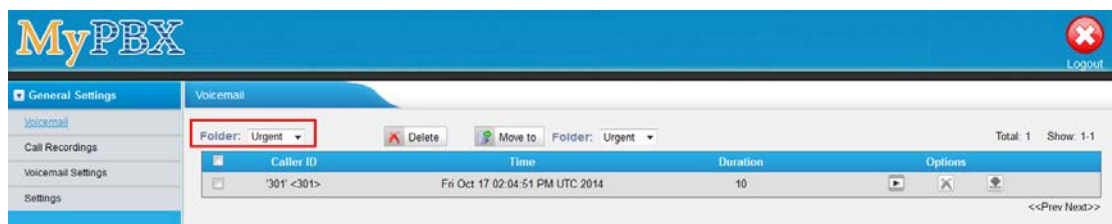
Press 2 to listen to it.

Press 3 to re-record your message.

Press 4 to mark this message as “Urgent”.



The urgent voicemail can be checked on the User Web Interface.

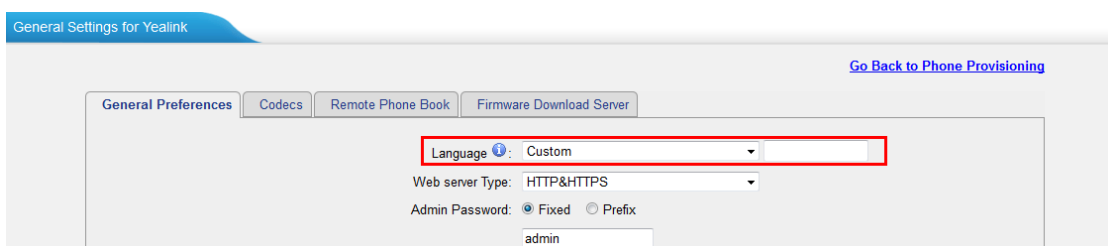


Or you can notice that there are urgent voicemails received if you press *2 on your IP phone to check voicemails.

5. Added Custom Language Setting for Yealink Phone Provisioning.

Path: PBX→Extensions→Phone Provisioning→General Settings for Yealink

Instruction:



6. Supports phone provision for Grandstream IP phone GXP 2130, 2140, 2160 and Yealink T46G.

Path: PBX→Extensions→Phone Provisioning

Instruction:

Add Phone [X]

General | Line Keys Settings

Enabled: Yes

MAC Address: 000b82

Name:

Manufacturer: Grandstream

Phone Type: GXP1450

Auto Answer: GXP1450

Call Waiting: Enabled

Phone Book: Enabled

Line

Line1 Extension: Label: Line Active:

Line2 Extension: Label: Line Active:

[Save] [Cancel]

Add Phone [X]

General | Codecs | Line Keys Settings

Enabled: Yes

NewConfig: Yes

MAC Address: 001565

Name:

Manufacturer: Yealink

Phone Type: T46G

Call Waiting: Enabled

Key As Send: #

Auto Redial: Disabled

Auto Answer: Disabled

Phone Book: Enabled

Line

Line1 Extension: Label: Line Active:

Line2 Extension: Label: Line Active:

Line3 Extension: Label: Line Active:

7. Added a communication type “Transfer” for searching the CDR on “Call Log” page.

Path: PBX→Reports→Reports→Call Logs

Instruction:

MyPBX [Status] [System] [PBX] [Reports] [Addons] [Logout]

Reports | Call Logs

Search Condition

Start Date: 1 Aug 2014 End Date: 03 Nov 2014 Caller/Callee: Trunk: All

Duration: Billing Duration: Status: All Communication Type: All

Account Code: [Download the records] [Delete the records] Total: 67 New: 25

===Firmware Version: V20.19.0.30===

Applicable Model: MyPBX Standard V6/V7

Release Date: August 30, 2014

NOTE:

- We strongly recommend you to back up the configurations and all the files before you upgrade.
- Please note you may have to RESET the device to make it work properly after upgrade.
- Backup files from 20.18.0.X cannot be restored to the device with firmware version 20.19.0.X.
- Backup files from higher firmware version cannot be restored to the device with lower firmware version.
- Please clear the browser's cache after upgrade.

Optimization

1. The number of PIN code in a PIN list is limited to 32, which equals to the number of extensions supported on MyPBX SOHO. The length of each PIN code is limited to 8 characters.

Bug Fixes

1. Fixed the issue that Echo Cancellation Algorithm "aer" could not take effect, call quality through PSTN trunk was not improved. (Echo Cancellation Algorithm can be configured on "General Preferences" page.)
2. Fixed the issue that users could not use transfer key on IP phone to transfer the call if call waiting feature was not enabled on the extension edit page.
3. The transfer issue was brought in by call waiting bug fixes in firmware 20.19.0.28. To fix the issue, call waiting feature has been restored to the original (users should enable/disable call waiting on IP phone).
4. Fixed the issue that changes on the Outbound Route edit page could not be saved when a password with a 63-character name was chosen.
5. Fixed the issue that changes on the DISA edit page could not be saved when a password with a 63-character name was chosen.

Instruction (Optimization)

1. **The number of PIN code in a PIN list is limited to 32, which equals to the number of extensions supported on MyPBX SOHO. The length of each PIN code is limited to 8 characters.**

Path: PBX→Advanced Settings→PIN Settings

Instruction:

Add PIN List X
 Name: Sales
 Record In CDR: No
 PIN List
 PIN List: 12345678, 8283, 0338, 2929, 2883
 Maximum 8 characters
 Maximum 32 PIN codes
 Save Cancel

===Firmware Version: V20.19.0.28===

Applicable Model: MyPBX Standard V6/V7

Release Date: June 27, 2014

NOTE:

- We strongly recommend you to back up the configurations and all the files before you upgrade.
- Please note you may have to RESET the device to make it work properly after upgrade.
- Backup files from 20.18.0.X cannot be restored to the device with firmware version 20.19.0.X.
- Backup files from higher firmware version cannot be restored to the device with lower firmware version.
- Please clear the browser's cache after upgrade.

New Features

1. Added Fanvil Phone type C01, C66, D800, D900, F52, F58, F66 for phone provisioning.
2. Added "Echo Cancellation Algorithm" option on "General Preferences" page.
3. Added "DTMF Detect Mode" and "DTMF Detect Sensitive" options on GSM trunk edit page.

Bug Fixes

1. Fixed the issue that Call Waiting feature on SIP extensions could not work.
2. Fixed the bug that DTMF detection was too sensitive that the voice would be detected as a DTMF signal by error or a "beep" sound would appear during the call.
3. Fixed the issue that the Module UMTS SIM5215J could not work properly,

resulting in SIM card detection failure.

Instruction (New Features)

1. Added Fanvil phone type C01, C66, D800, D900, F52, F58, F66 for phone provisioning.

Path: PBX→ Extensions→ Phone Provisioning

Instruction:

2. Added "Echo Cancellation Algorithm" option on "General Preferences" page.

Path: PBX→Basic Settings→General Preferences

Instruction:

This option is used to adjust the echo cancellation on PSTN/GSM trunk.

Choose the algorithm to get a better call quality according to your trunks. Default setting is "oslec".

If you choose "oslec", you should set the "Echo Training", the default is 32ms.

Echo Cancellation Algorithm: oslec ▼
 Echo Training ⓘ: 32ms ▼

3. Added "DTMF Detect Mode" and "DTMF Detect Sensitive" options on GSM trunk edit page.

Path: PBX→Trunks→Physical Trunk→GSM/UMTS Trunk

Instruction:

DTMF signals sent to GSM trunk are different, that's why we need to configure these two options to make DTMF detected correctly on MyPBX.

Edit GSM Trunk - GSM9 X

General

Trunk Name ⓘ: GSM9

PIN Code:

Volume Setting ⓘ: 40% ▼

DTMF Detect Mode ⓘ: echobefore ▼

DTMF Detect Sensitive: Normal ▼

Warning: Be careful. If you failed to enter your correct PIN code 3 times in succession, SIM card will be blocked.

Save Cancel

===Firmware Version: V20.19.0.23===

Applicable Model: MyPBX Standard V6/V7

Release Date: April 8, 2014

NOTE:

- We strongly recommend you to back up the configurations and all the files before you upgrade.
- Please note you may have to RESET the device to make it work properly after upgrade.
- Backup files from 20.18.0.X cannot be restored to the device with firmware version 20.19.0.X.
- Backup files from higher firmware version cannot be restored to the device with lower firmware version.
- Please clear the browser's cache after upgrade.

Bug Fixes

1. Fixed the issue that the "Hardware Version" info for Standard V7 was incorrect on "System Info" page.

2. Fixed the issue that outgoing calls through BRI trunk would be disconnected immediately.
3. Fixed the issue that the default "Yes" setting for DSP FAX would not take effect.

===Firmware Version: V20.19.0.21===
Applicable Model: MyPBX Standard V6/V7
Release Date: March 27, 2014

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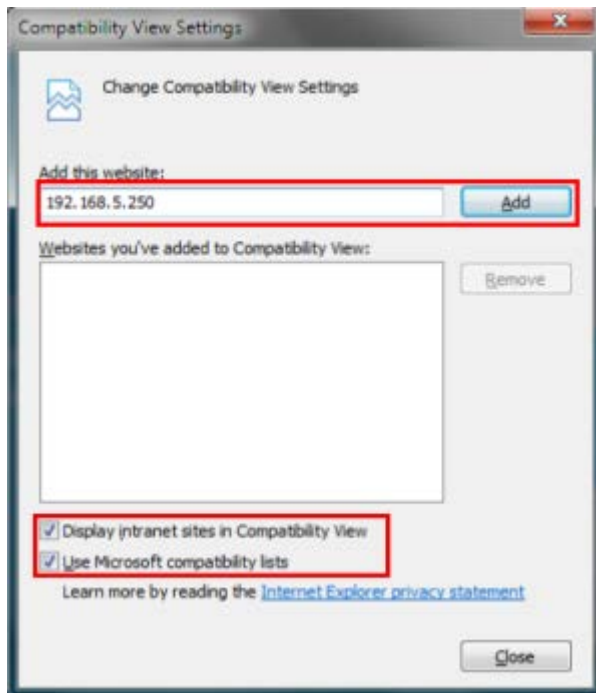
4. Instruction (New Features) 31

5. Instruction (Optimization)..... 40

NOTE:

1. After upgrade, please clean the cache and cookies of the browser before login.
2. Please reboot the device twice to make the new firmware take effect.
3. There is a compatibility issue with IE11. Please configure IE11 browser "Compatibility View Settings", add MyPBX IP address, check "Display Intranet sites in Compatibility View" and "Use Microsoft compatibility lists". Check the following picture, MyPBX IP is 192.168.5.250 for example.





New Features

1. Added LDAP Service option.
2. Added Panasonic IP phones in "Phone Provisioning".
3. Added Yealink latest IP phone model "T19P", "T21P" in " Phone Provisioning ".
4. Added HTTPS protocol.
5. Added separated backup support for extensions.
6. Added FTP Enable and Disable option on "LAN Settings" page.
7. Added "*Answer" mode for "Paging Groups".
8. Added L2TP VPN and IPSec VPN.
9. Added "PIN Settings" page, where users can manage all the passwords of outbound routes, PIN User, and DISA.
10. Added multiple "Dial patterns" on outbound routes.
11. Added "Answer Detection" option for PSTN line to achieve accurate billing.
12. Added "ISDN Diaplan" and " Dialplan" options for BRI trunk.
13. Added a default TLS PBX certificate.
14. Added "Custom" field for "Country Code" on SMS Settings page.
15. Added "Register Name" option for extensions.
16. Added the feature that the Mobility extension will ring as well if the corresponding extension is ringing.

Optimization

1. Random passwords are generated for newly created extensions.
2. Multiple SIP trunks can be deleted at once.
3. Multiple inbound routes and multiple outbound routes can be deleted at once.
4. The special character "-" is allowed in the field "Distinctive Ringtone" on inbound routes.

5. Added bulk DOD numbers.
6. Optimized the "WEBLOGIN" Alert.
7. Encrypted the backup file.
8. Optimized the T.38 FAX.

Bug Fixes

1. Fixed the issue that call log would show "ANSWERED" even if the call, which is made through GSM is not answered.
2. Fixed the issue that MyPBX would keep sending REGISTER packets even 200 OK response was already received.
3. Fixed the issue that MyPBX doesn't send REGISTER packet using the new nonce.
4. Fixed the issue that the status of SPX trunk (Service Provider IAX) on MyPBX B would be "Unreachable" if connecting MyPBX A (with dynamic IP and DDNS configured) and MyPBX B via the trunk.
5. Fixed the call log bugs:
 - a. Webpage error would occur in the Call logs page if all the search conditions were selected.
 - b. The call logs cannot be deleted if all the search conditions were selected.

Instruction (New Features)

1. Added LDAP Service option.

Path: System→LDAP Server

Instruction:

After enabling LDAP and configuring the settings, users are able to use LDAP Phone Book.



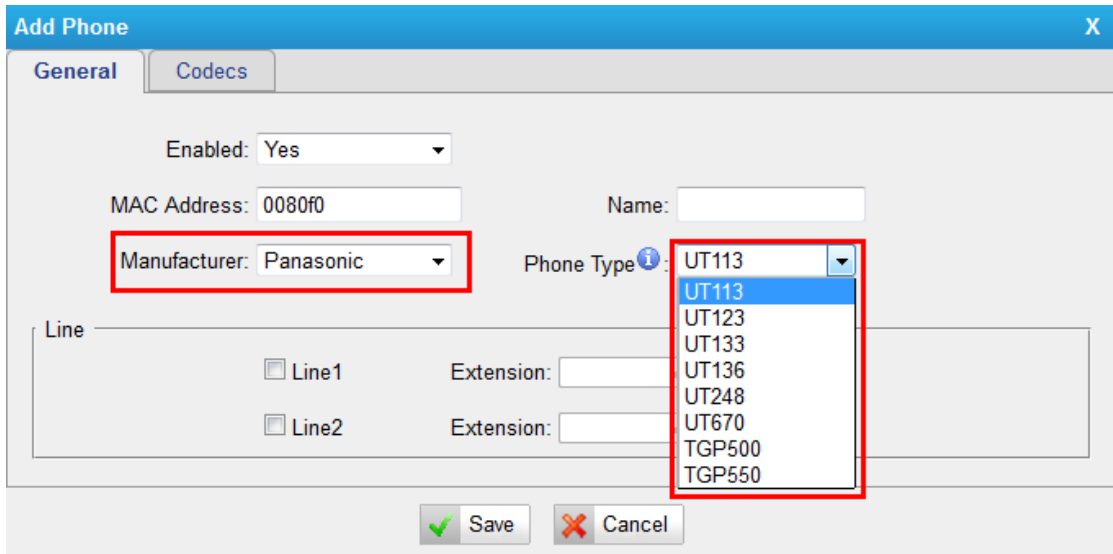
2. Added Panasonic IP phones in "Phone Provisioning".

Path: PBX→Extensions→Phone Provisioning→Add Phone

Instruction:

Panasonic IP phones are supported in Phone Provisioning; the models are

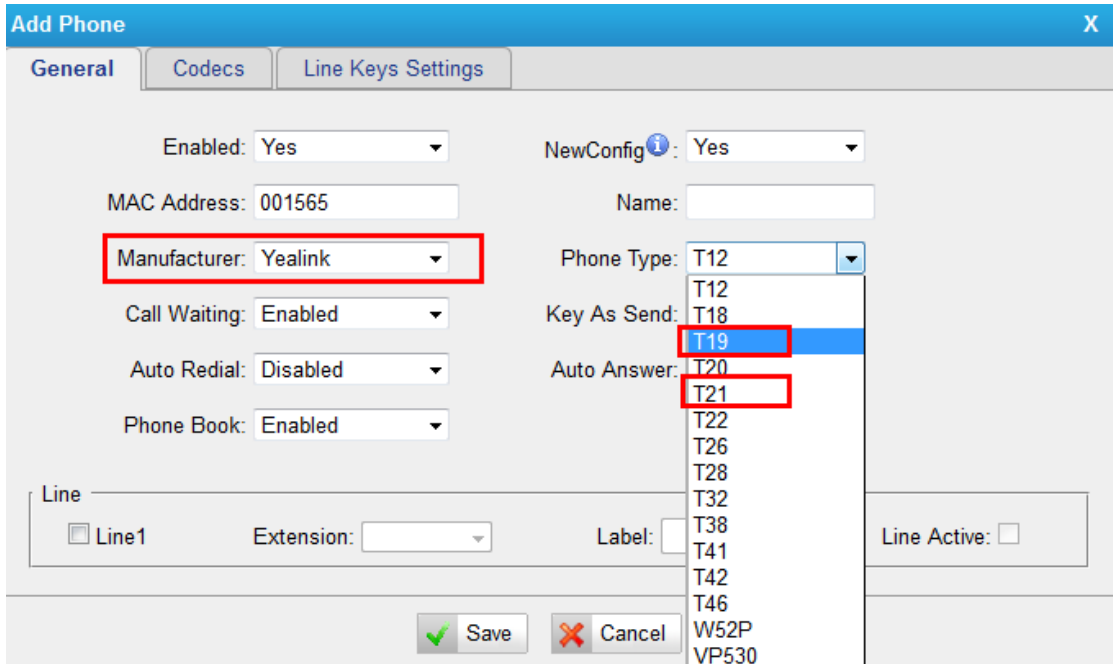
UT113,UT123,UT133,UT136,UT248,UT670,TGP500, and TGP550.



3. Added Yealink latest IP phone model "T19P", "T21P" in " Phone Provisioning ".

Path: PBX→Extensions→Phone Provisioning→Add Phone

Instruction:

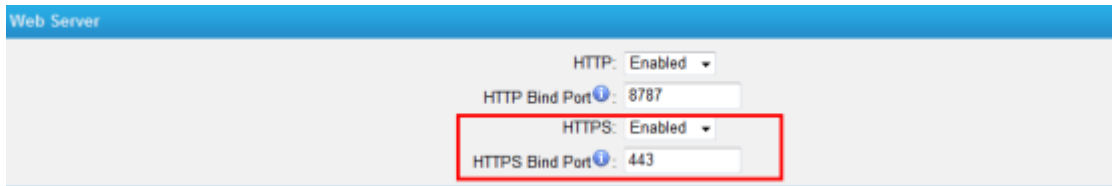


4. Added HTTPS protocol.

Path: PBX→General Preferences→Web Server→HTTPS

Instruction:

Users are able to log in MyPBX web GUI using https if the https is enabled.

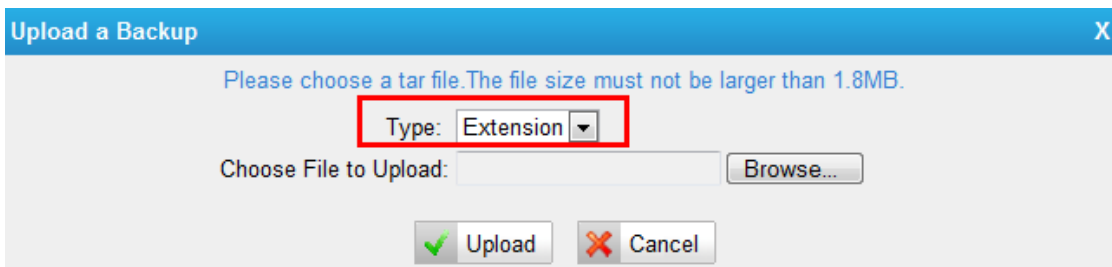
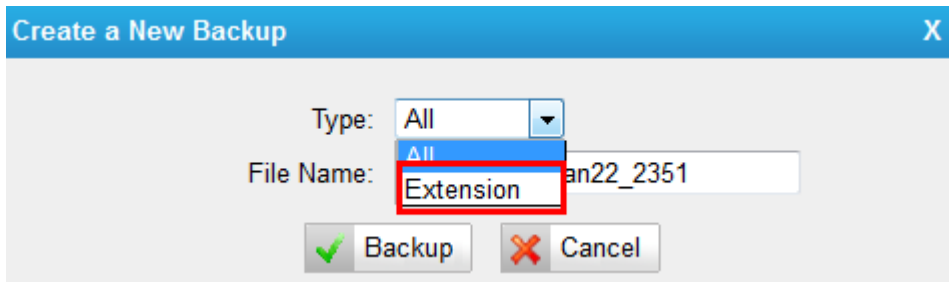


5. Added separated backup support for extensions.

Path: System→System Preferences→Backup and Restore

Instruction:

Users are able to create a new backup for extensions and upload an "Extension" backup file.

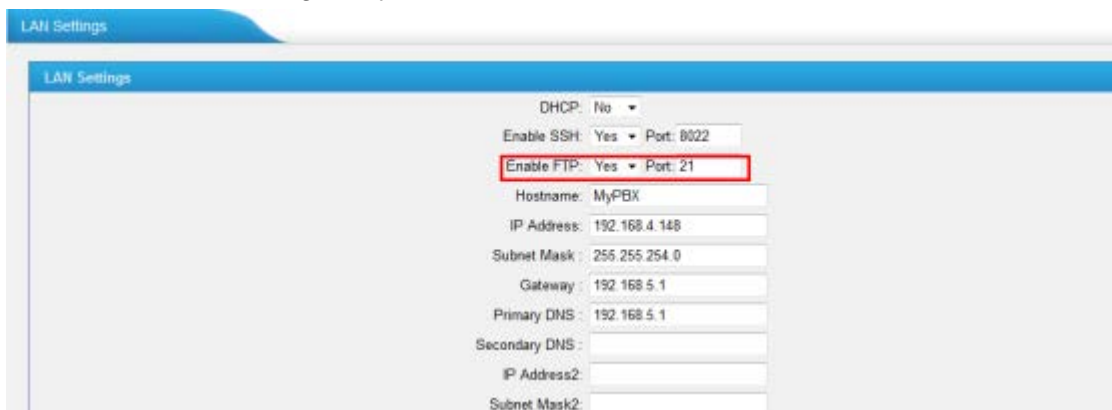


6. Added FTP Enable and Disable option on "LAN Settings" page.

Path: System→LAN Settings→Backup and Restore

Instruction:

Users will be able to log in MyPBX via FTP if FTP is enabled.



7. Added "*Answer" mode for "Paging Groups".

Path: PBX→Advanced Settings→Paging Groups

Instruction:

Choose "Yes" for "*Answer" will enable any user in the group to press * to talk with the caller while other users automatically hang up the call.

Add Paging Group

Paging Group Number: 630

Duplex:

* Answer: No

Paging Group Members

Available Extensions	Selected
	100(SIP)
	101(SIP)
	102(SIP)
	103(SIP)
	104(SIP)
	105(SIP)
	106(SIP)
	107(SIP)
	108(SIP)

Save Cancel

8. Added L2TP VPN and IPSec VPN.

Path: System→VPN Settings

Instruction:

There are two more VPN supported on MyPBX, L2TP VPN and IPSec VPN.

VPN Settings

OpenVpn Settings

Enable OpenVPN: Yes

Import VPN Profile: Browse... Upload

IPSec Settings

Enable IPSec: No

Import VPN Profile: Browse... Upload

L2TP Settings

Enable L2TP: Yes

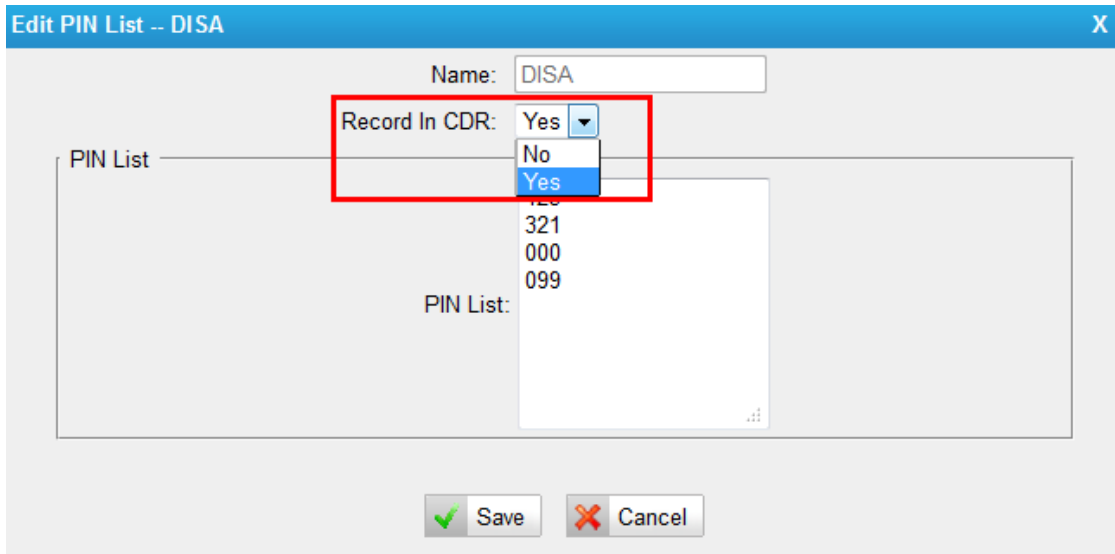
Import VPN Profile: Browse... Upload

9. Added "PIN Settings" page, where users can manages all the passwords of outbound routes, PIN User, and DISA.

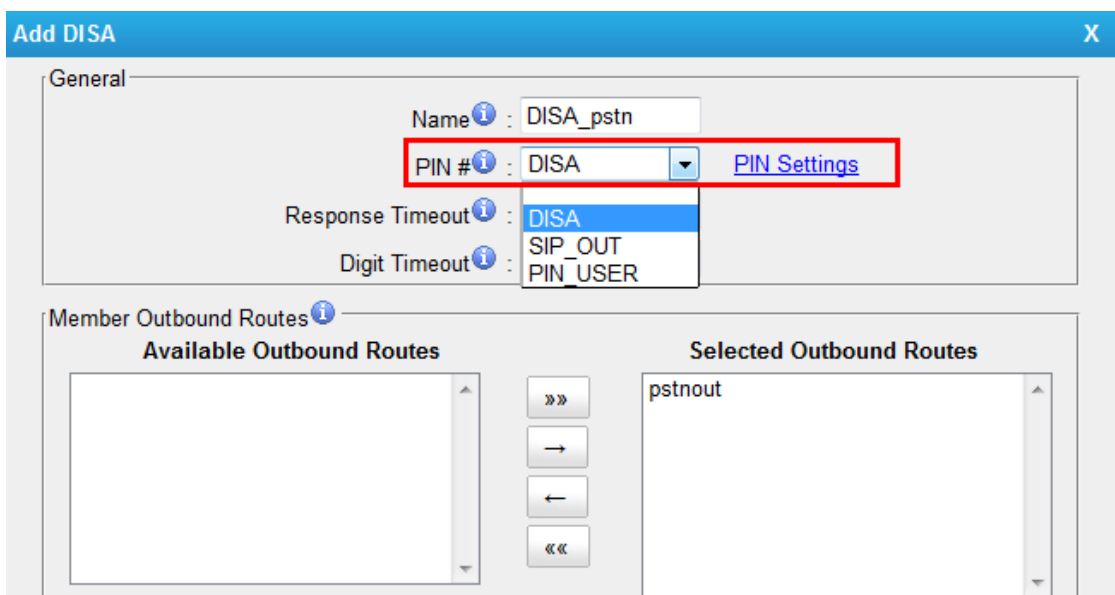
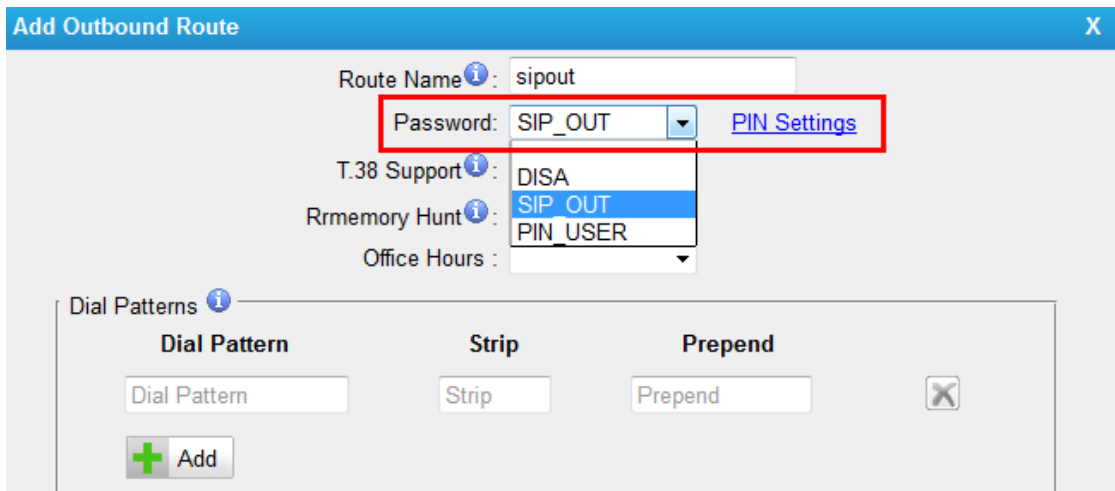
Path: PBX→Advanced Settings→PIN Settings

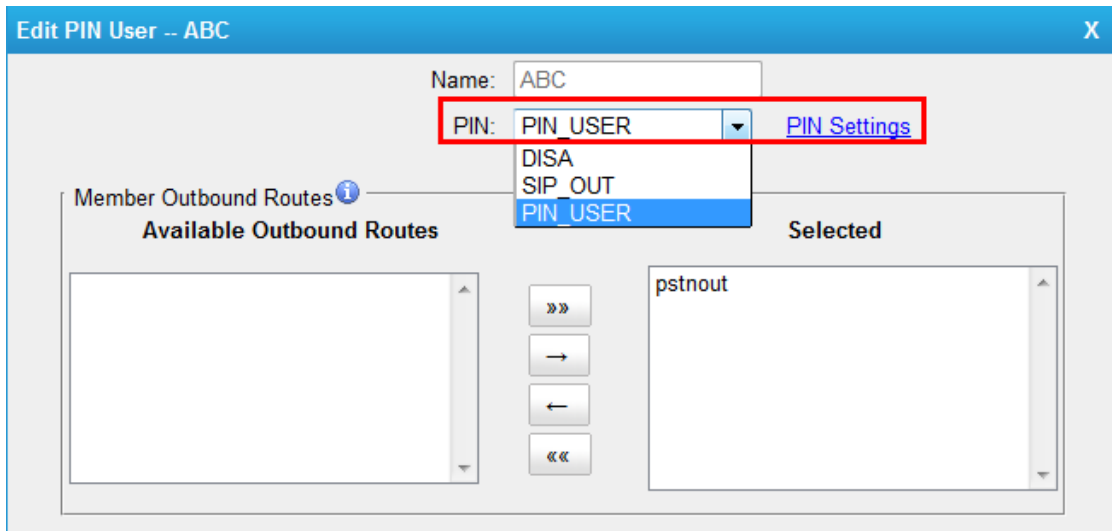
Instruction:

All the passwords for outbound routes , PIN user and DISA are managed in "PIN Settings". Users can create PIN lists and choose "Yes" for "Record In CDR", the PIN code will be displayed in call log.



The PIN list created in "PIN Settings" can be chosen in outbound route, DISA and PIN User.



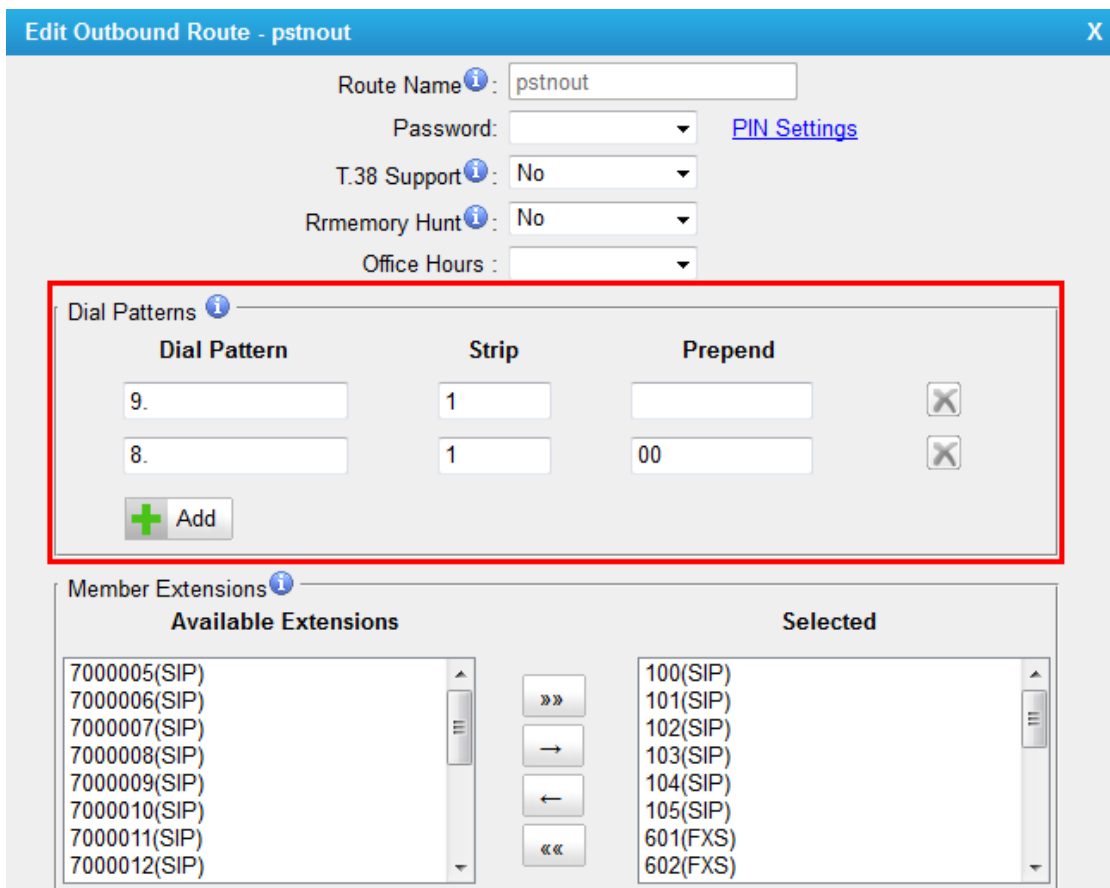


10. Added multiple "Dial patterns" on outbound routes.

Path: PBX→Outbound Call Control→Outbound Routes

Instruction:

Users are able to set multiple dial patterns for one outbound route.



11. Added "Answer Detection" option for PSTN line to achieve accurate billing.

Path: PBX→Trunks→Physical Trunk→Analog Trunk

Instruction:

"Answer Detection" settings are configured for accurate billing. If the PSTN trunk sends polarity after answering the call, users can choose "Polarity Detection"; or

else choose "Ring Detection", and configure the detailed settings according to the PSTN line ring tone.

Answer Detection

Answer Detection: Ring Detection

Custom Ring Tone: Polarity Detection
Ring Detection

Max Ring Duration: 400 ms

Max Ring Interval Duration: 2000 ms

Min Tone Detection: No

Min Tone Duration: ms

Min Tone Interval Duration: ms

12. Added "ISDN Dialplan" and "Dialplan" options for BRI trunk.

Path: PBX→Trunks→Physical Trunk→BRI Trunk

Instruction:

These settings are set to make the caller ID prefix work according to information sent from the BRI provider.

Edit BRI Trunk - BriTrunk1

Trunk Name: BriTrunk1

Signaling: BRI-CPE-PTI

Switch Type: euroisdn

Overlap Dial: no

Reset Interval: never

PRI Indication: Inband

Enable Facility: Disabled

Nsf: none

Echo Cancellation: Off

Hide Caller ID: No

Codec: alaw

Caller ID Prefix

ISDN Dialplan: Yes

International Prefix:

National Prefix:

Local Prefix:

Private Prefix:

Unknown Prefix:

Dialplan

Remote Dialplan: ISDN/telephony numbering pla

Remote Number Type: international

Location Dialplan: ISDN/telephony numbering pla

Location Number Type: national

13. Added a default TLS PBX certificate.

Path: PBX→Advanced Settings→Certificates

Instruction:

There is already a default TLS PBX certificate in MyPBX. Users can upload trusted certificates to MyPBX to make it work. Or if a new PBX certificate is uploaded to MypBX, the new file will take effect.

14. Added "Custom" field for "Country Code" on SMS Settings page.

Path: PBX→Advanced Settings→SMS Settings

Instruction:

If Country code is enabled, users can use a custom country code, which makes it more flexible.

Enable Email To SMS

Enable Country Code:

Country Code: Custom 0085

Receive Emails Interval: 60

Access Code:

15. Added "Register name" option for extensions.

Path: PBX→Extensions→FXS/VoIP Extensions

Instruction:

The "Register Name" option is for extension authorization, which will enhance the extension registry security. Users will not be able register the extension if the authorization name is incorrect even though the username and password are correct. For example, we set "Register Name" as "abcd" for extension 300, we have to set authorization name "abcd" on the soft phone or IP phone to make the extension successfully registered.

Edit Extension - 300

General Other Settings

General

Type: SIP Extension: 300 Password: Pincode300

Name: 300 Caller ID: 300 Register Name: abcd

Voicemail

Enable Voicemail Voicemail Access PIN #: 300

Mail Setting

Enable Send Voicemail

Email Address:

Note: Please ensure that the section 'SMTP Settings for Voicemail'(in the 'Voicemail Settings') have been properly configured before using this feature.

Group

Pickup Group: ---

Call Duration Setting

SIP Account

Account | Voicemail | Topology | Presence | Transport | Advanced

Account name: 300

Protocol: SIP

Allow this account for

Call

IM / Presence

User Details

* User ID: 300

* Domain: 192.168.5.250

Password:

Display name: 300

Authorization name: abcd

Domain Proxy

Register with domain and receive calls

Send outbound via:

Domain

Proxy Address:

Dial plan: #1\|a.T;match=1;prestrip=2;

OK Cancel

16. Added the feature that the Mobility extension will ring as well if the corresponding extension is ringing.

Instruction:

This function enables the users who are out of office to receive the incoming call to the corresponding extension.

Check the "Ring Simultaneously" option, fill in the "Mobile Extension Number" and fill in the "Outbound Prefix" according to the outbound route dial pattern.

For example, if you set the outbound route dial pattern as 9. and strip 1 digit, then you should set 9 for the "Outbound Prefix".

Edit Extension - 302

Other Settings

Other Options

Call Waiting **i** DND **i** User Web Interface **i** Ring Out **i**: 30

Follow me

Always

Follow me: No answer Transfer to: Voicemail

When Busy Number

IP Restriction

Enable IP Restriction **i**:

Permitted 'IP address/Subnet mask' 1 **i**:

Permitted 'IP address/Subnet mask' 2 **i**:

Permitted 'IP address/Subnet mask' 3 **i**:

Permitted 'IP address/Subnet mask' 4 **i**:

Mobility Extension

Enable Mobility Extension Mobility Extension Number **i**: 15880270900

Ring Simultaneously **i** Outbound Prefix: 9

Instruction (Optimization)

1. Random new passwords are generated for new created extensions.

Path: PBX→Extensions→FXS/VoIP Extensions

Instruction:

The default password for an extension was "pincode+extension number" before. (password "pincode100" for extension 100 for example)But now, there will be a random and robust password will be generated when creating a new extension.

Add VoIP Extension

General | Other Settings

General

Type: SIP | Extension: 111 | Password: Uvxdpb060

Name: 111 | Caller ID: 111 | Register Name: 111

Voicemail

Enable Voicemail | Voicemail Access PIN #: 111

Mail Setting

Enable Send Voicemail

Email Address: [Empty]

Note: Please ensure that the section 'SMTP Settings for Voicemail'(in the 'Voicemail Settings') have been properly configured before using this feature.

Group

Pickup Group: [Empty]

Call Duration Setting

Max Call Duration: [Empty] s

VoIP Settings

NAT: | Qualify: | Enable SRTP:

Transport: UDP | DTMF Mode: RFC2833 | Register Remotely:

2. Multiple SIP trunks can be deleted at once.

Path: PBX→Trunks→VoIP Trunk

Instruction:

VoIP Trunk

+ Add VoIP Trunk | **Delete the selected Trunk**

	Provider Name	Type	Hostname/IP	User Name
<input type="checkbox"/>	Elastix	SIP	192.168.5.178	100

+ Service Provider

+ Add Service Provider | **Delete the selected Trunk**

	Provider Name	Type	Hostname/IP
<input type="checkbox"/>	AAA	SIP	1.1.1.1
<input type="checkbox"/>	BBB	SIP	192.168.5.149

3. Multiple inbound routes and multiple outbound routes can be deleted at once.

Path: PBX→Outbound Call Control→Outbound Routes

Instruction:



Path: PBX→Inbound Call Control→Inbound Routes

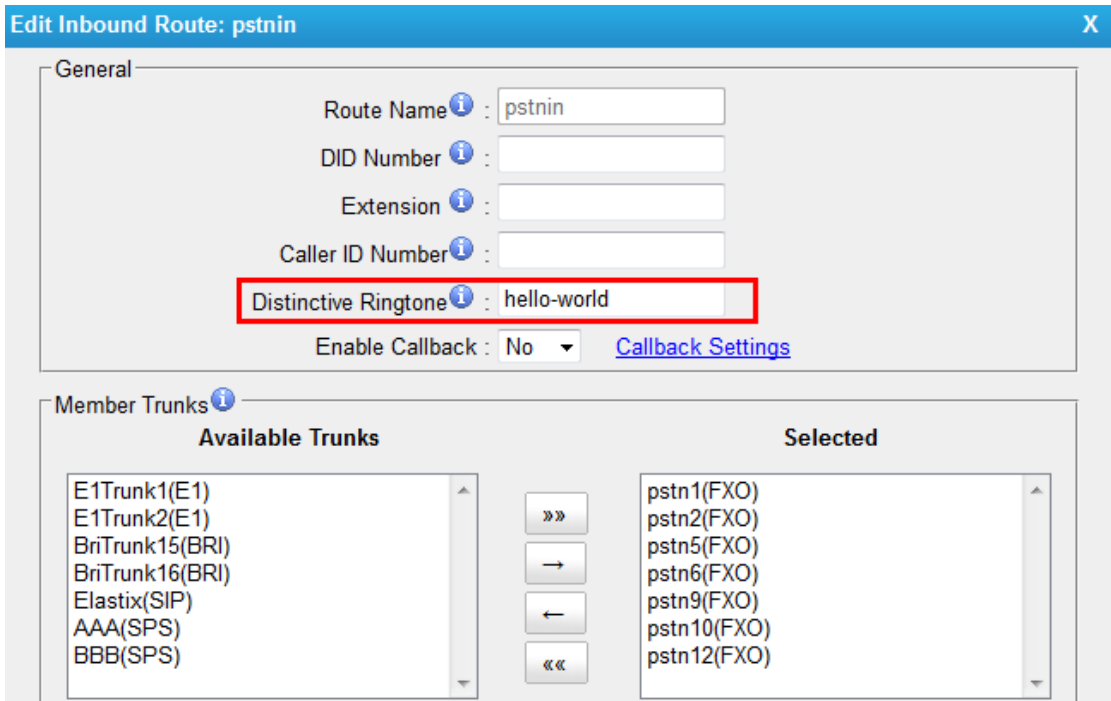
Instruction:



- The special character "-" is allowed in the field "Distinctive Ringtone" on inbound routes.

Path: PBX→Inbound Call Control→Inbound Routes

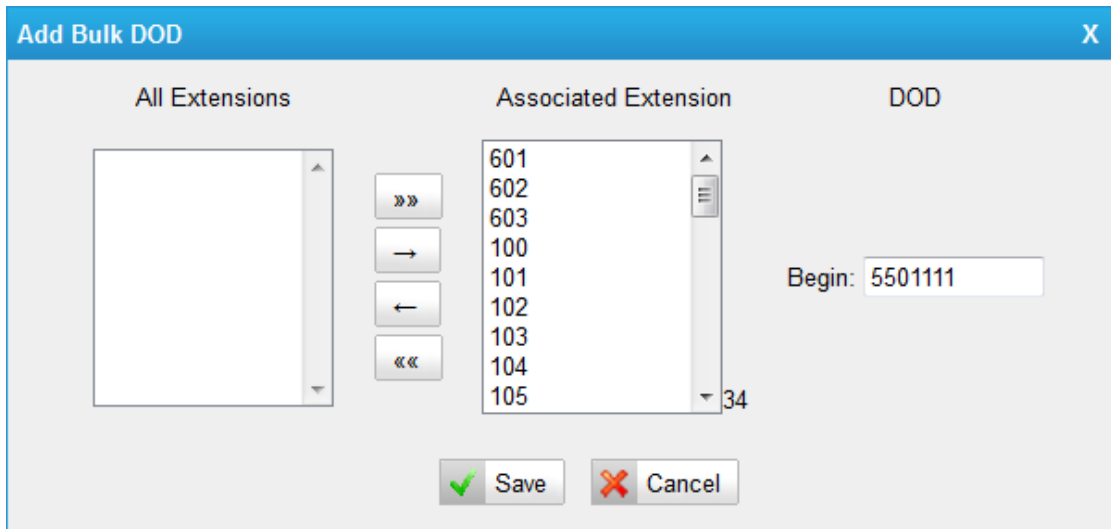
Instruction:



- Added bulk DOD numbers.

Instruction:

Users are able to add bulk DOD numbers on SIP trunk or BRI trunk.



6. Optimized the "WEBLOGIN" Alert.

Path: System→Security Settings→Alert Settings→WEBLOGIN

Instruction:

WEBLOGIN Alert is not only works for "admin" account, but also for other accounts.

7. Encrypted the backup file.

Path: System→System Preference→Backup and Restore

Instruction:

The backup created on MyPBX is encrypted with file format ".bak".

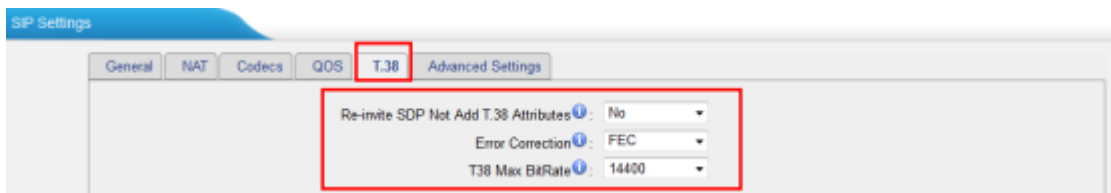


8. Optimized the T.38 FAX.

Path: PBX→Advanced Settings→SIP Settings→T.38

Instruction:

Added advanced settings of T.38 for better receiving and sending of T.38 FAX.



<The End>