



## Release Notes for MyPBX U300

Version 12.19.0.X

**Yeastar Information Technology Co. Ltd.**

**===Firmware Version: V12.19.0.48===**

**Applicable Model: MyPBX U300**

**Release Date: December 18, 2015**

**NOTE:**

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

- Backup files from 12.18.0.X cannot be restored to the device with firmware version 12.19.0.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 the TA provisioning for TA100/200.
2. Added the specific call parking with feature code \*06.

**Optimization**

1. Added the update of web language in German. German system prompts will be updated soon as well.
2. MyPBX will add the Accept rules for the TA gateway which is provisioned by TA Provisioning in the firewall.

**Bug Fixes**

1. Fixed the issue that the hints watchers value would increase when IP phone BLF keys monitored the unregistered extensions of MyPBX and that further would lead to system crash.
2. Fixed the issue that the line “#include XXX.conf “ in extensions\_custom.conf wouldn't take effect.
3. Fixed the issue that Pulse Dialing was unavailable when using the V2.1 S2 module.
4. Fixed the issue that system would crash if the Recording Add-on was enabled within 1-2 hours for version X.19.0.47.
5. Fixed the issue that MyPBX couldn't obtain the DNS address from the DHCP server.
6. Fixed the issue that Phone Book page would keep loading when you clicked the edit button if there were about 100 contacts in it.
7. Fixed the issue that LDAP contacts wouldn't be deleted in the background system if the Nickname filed contained the space character, even though you had deleted it on the web interface.

8. Fixed the issue that Fanvil I20/C58/C66 couldn't download phone book from MyPBX.

===Firmware Version: V12.19.0.47===

Applicable Model: MyPBX U300

Release Date: September 14, 2015

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- 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 Myanmar Time Zone +6.5.
3. Added Afrikaans system prompt.
4. Added "Linear" ring strategy for Queue.
5. Users could search call logs with "Exactly Match" feature.
6. 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. Alphabetic characters are allowed in "Prepend" field for an outbound route.
5. LDAP contacts were extended from 300 to 1000.
6. The audio file generated in "DAHDI Monitor Tool" is split into two files, one records received voice, one records transmitted voice.
7. 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.
8. MyPBX will store "Fax to Email" temporary files to `/persistent` folder.
9. The Backup file contains custom configuration files and custom script files, does not contain custom prompts.
10. After resetting MyPBX, all the configurations including custom configuration files and custom script files will be deleted.

## Bug Fixes

### ➤ MyPBX Related Bugs

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 3<sup>rd</sup> 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.

➤ **Auto Recording**

1. Fixed the issue that the auto recording manager had no permission to check some extensions’ recording logs, but the recording logs for the extensions might be checked by the manager.
2. Fixed the issue that if an extension’s caller ID was changed, the auto recording manager could no longer check the extension’s recording logs.

➤ **Billing**

1. Fixed the issue that when billing add-on was enabled, an extension might not be able to make calls even the balance for the extension was enough.
2. Fixed the issue that the transfer call logs in Billing System add-on was incorrect.
3. Fixed the issue that the extension would be charged even the billing duration for the call was 0.
4. The search condition for call logs is optimized. Users could search call logs by exact time.

➤ **Hotel**

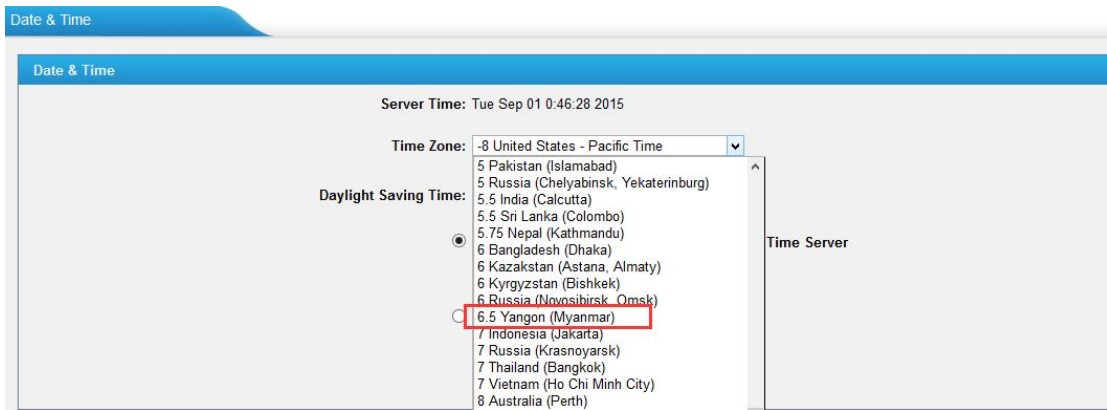
1. Fixed the issue that if booking a room directly from “Customer List”, a same customer record would be created in the Customer List.
2. Fixed the issue that the user could not check in as hourly room if the selected room supported hourly room.
3. The “Model Management” setting was removed from “Room Management”, and can be found in the left-hand navigation directly.

**New Feature (Instruction)**

**1. Added support for Myanmar Time Zone +6.5.**

**Path:** System→ System Preferences→ Date and Time

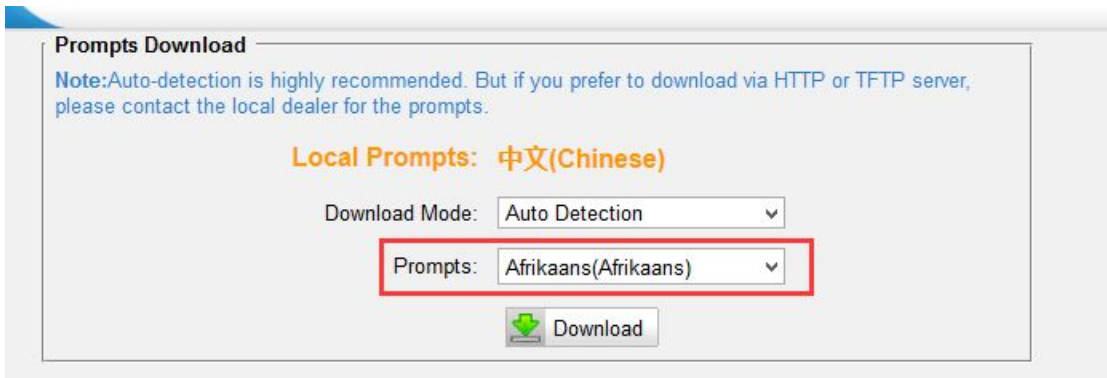
**Instruction:**



**2. Added Afrikaans system prompt.**

**Path:** PBX→ Audio Settings→ System Prompts Settings

**Instruction:**

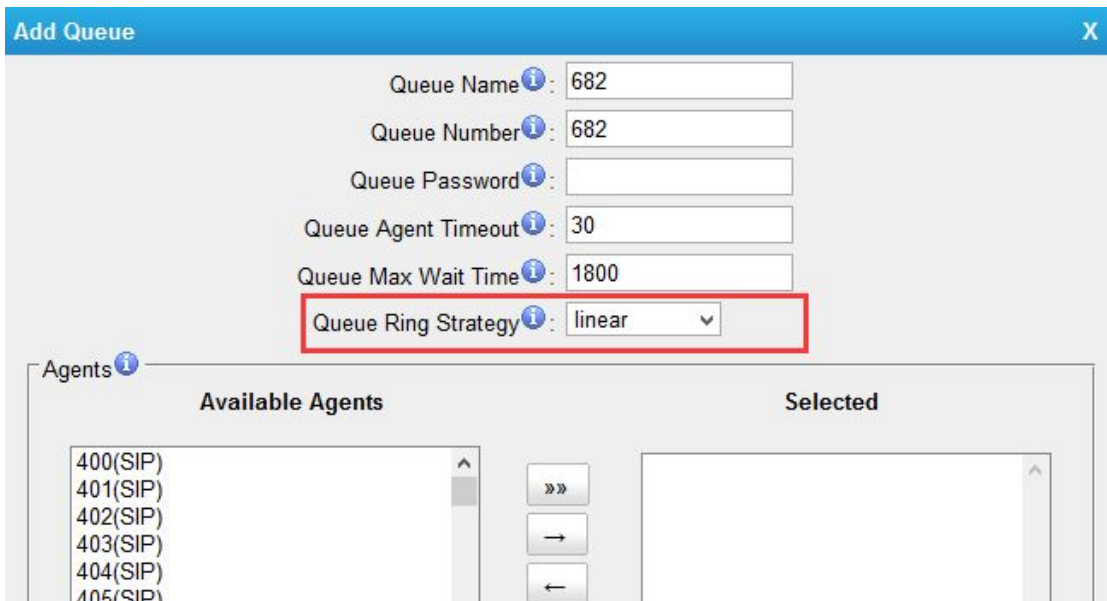


**3. Added “Linear” ring strategy for Queue.**

**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.



#### 4. 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	

#### 5. 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 checked="" type="checkbox"/> 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. It has two main sections: 'Day/Night Mode Control' and 'General'.  
 In the 'Day/Night Mode Control' section, there are three rows of controls:  
 - A text input field containing '\*81' followed by 'Force to Night Mode' and 'Night Mode: Disabled'.  
 - A text input field containing '\*82' followed by 'Force to Day Mode' and 'Day Mode: Disabled'.  
 - A text input field containing '\*081' followed by 'Revert to the Original Mode'.  
 The 'General' section below has two radio buttons: 'Enable Business Hours' (which is 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. It includes options for 'Use WAN' (checked), 'DHCP', and 'Static IP Address'. Below these are input fields for 'IP Address', 'Subnet Mask', 'Default Gateway', and 'Primary DNS'. A 'Secondary DNS' field is also present. The 'PPPoE' option is selected and highlighted with a red rectangular box. Below this box are input fields for 'User Name' and 'Password'.

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. It features a 'User' dropdown menu set to 'user'. Below it, the 'Enter New Password' and 'Retype New Password' input fields are highlighted with a red rectangular box. At the bottom, there are two checkboxes: 'Enable User Account' and 'Enable CDR Account', both set to 'Yes'.

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

Path: PBX→Outbound Call Control→ Outbound Routes

Instruction:

The screenshot shows the configuration for an outbound route named 'pstnout'. The fields are as follows:

- Route Name: pstnout
- Password: [Empty]
- T.38 Support: No
- Rmemory Hunt: No
- Time Groups: [Empty]

The 'Dial Patterns' section contains a table with the following data:

Dial Pattern	Strip	Prepend
9.	1	abc

An 'Add' button is located below the table. The 'Prepend' field 'abc' is highlighted with a red box.

**5. LDAP contacts were extended from 300 to 1000.**

**Path:** System→ LDAP Server

**Instruction:**

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

The screenshot shows the 'LDAP Phone Book' interface with the following controls and data:

- Buttons: + Add Contact, X Delete the selected Contacts
- Summary: Total: 5 Show: 1-5 View: 25

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

Page navigation: <<Prev Next>> Page: 1 / 1 Goto

===Firmware Version: V12.19.0.46===

Applicable Model: MyPBX U300

Release Date: August 4, 2015

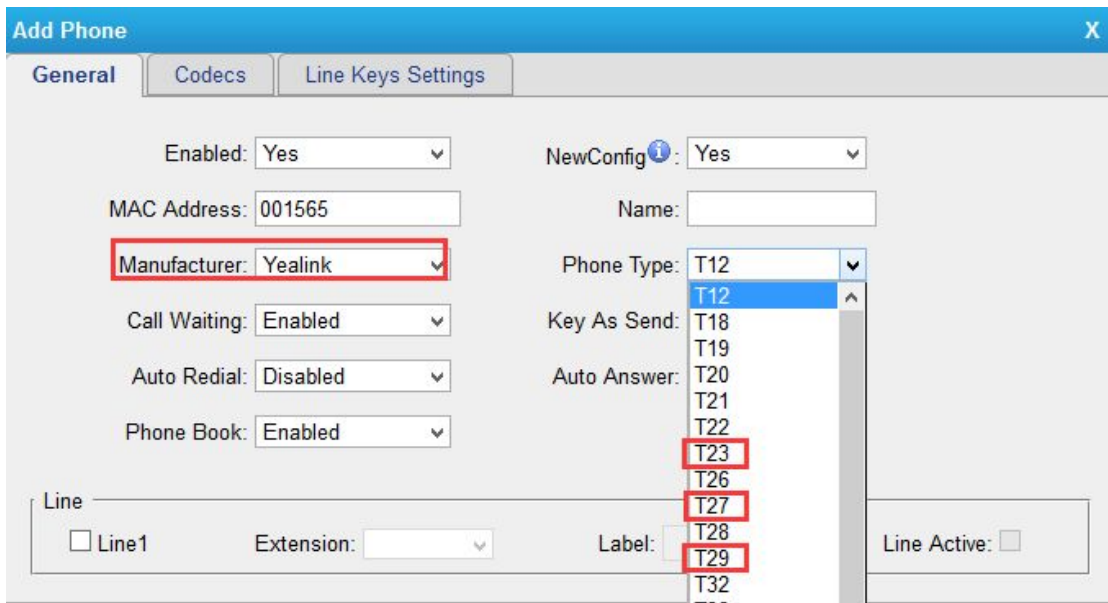
**NOTE:**

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- Please clear the browser's cache after upgrade.

**New Features**

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 [v]

MAC Address: 000cc4 [text] Name: [text]

Manufacturer: Tiptel [v] Phone Type: 3010 [v]

Phone Book: Enabled [v]

Line

<input type="checkbox"/> Line1	Extension: [text]	Label: [text]	Line Active: <input type="checkbox"/>
<input type="checkbox"/> Line2	Extension: [text]	Label: [text]	Line Active: <input type="checkbox"/>

**Add Phone** [X]

**General** | Codecs | Function Keys Settings

Enabled: Yes [v]

MAC Address: 00A859 [text] Name: [text]

Manufacturer: Fanvil [v] Phone Type: C56 [v]

Call Waiting: Enabled [v] Key As Send: C56 [v]

Auto Redial: Disabled [v] Auto Answer: [text]

Phone Book: Enabled [v]

Line

<input type="checkbox"/> SipLine1	Extension: [text]	Label: [text]	Line Active: <input type="checkbox"/>
<input type="checkbox"/> SipLine2	Extension: [text]	Label: [text]	Line Active: <input type="checkbox"/>

[Save] [Cancel]

## Optimization

1. Office Hours can be set down to the minute.

Path: PBX→Basic Settings→Business Hours

**Edit Office Hours** X

Configure Office Hours

Name : default

Mon	00	00	To	00	00	Add	Delete	08:30-12:00 14:00-18:00 19:00-22:00
		01						
		02						
Tue	00	03	To	00	00	Add	Delete	08:30-12:00 14:00-18:00 19:00-22:00
		04						
		05						
		06						
		07						
Wed	00	08	To	00	00	Add	Delete	08:30-12:00 14:00-18:00 19:00-22:00
		09						
		10						
		11						
Thu	00	12	To	00	00	Add	Delete	08:30-12:00 14:00-18:00 19:00-22:00
		13						
		14						
		15						
		16						
		17						
Fri	00	18	To	00	00	Add	Delete	08:30-12:00 14:00-18:00 19:00-22:00
		19						

### 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: V12.19.0.43===

Applicable Model: MyPBXU300

Release Date: January 15th, 2015

### NOTE:

- Please note that if you upgrade from version 12.19.0.30 to version 12.19.0.43, you may have to RESET the device to make it work well, all the former configurations and records will lose.
- Backup files from 12.19.0.30 cannot be restored and will not work properly on the device with firmware version 12.19.0.43.
- Backup files from 12.18.0.X cannot be restored to the device with firmware version 12.19.0.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 support for CDMA module.
2. Added Hebrew system prompt.

### 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. Added a note "Advise: When play record, please use Google or Firefox browser with Flash plugin." on **Record Logs** page (Log in MyPBX by "monitor" account, Report → Record Logs).

3. 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

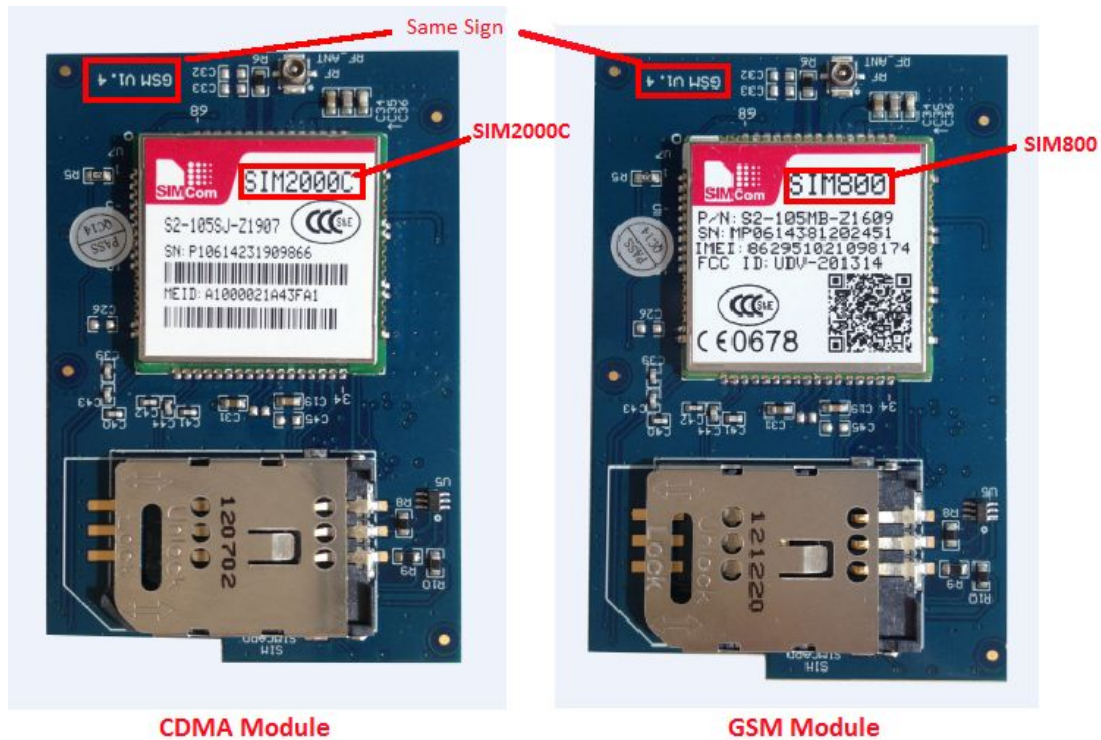
1. Fixed the issue that the query for mobility extensions would fail if the number of mobility extensions were more than the maximum extensions supported on MyPBX.
2. Fixed the issue that when calling a ring group without answer, there was no “missed call” displayed on the ring group member’s phone.
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 support for CDMA module.

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

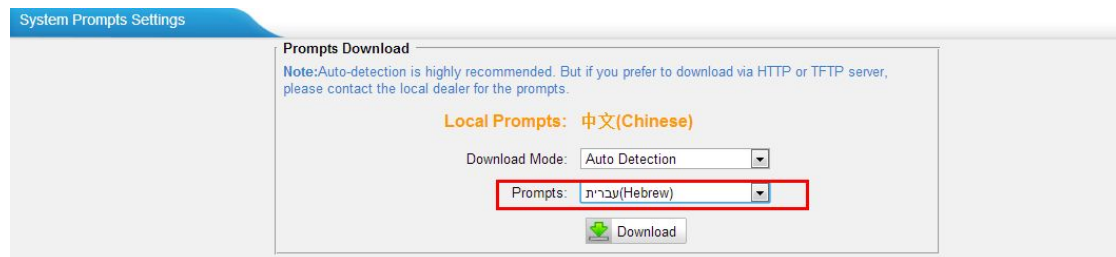
- **GSM Module:** including SIM900 and SIM800 Module  
support 850/900/1800/1900 MHz (Dual Band)
- **UMTS Module:** including SIM5215E and SIM5215J Module
  - 1) **SIM5215E:** Dual-Band UMTS/HSDPA 900/2100MHz  
Quad-Band GSM/GPRS/EDGE 850/900/1800MHz
  - 2) **SIM5215J:** Dual-Band UMTS/HSDPA 850(800)/2100MHz  
Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
- **CDMA Module:** SIM2000C Module, supports 800MHZ



## 2. Added Hebrew system prompt.

Path: PBX→AudioSettings→System Prompt Settings

Instruction:



===Firmware Version: V12.19.0.42===

Applicable Model: MyPBX U300

Release Date: November 27th, 2014

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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 Pickup Call info on Call Logs page.
2. Added a “monitorpath” field in CDR database.
3. SSH and FTP Settings on LAN Settings page will take effect without rebooting.
4. Added “Authenticating Incoming Call” on VoIP trunk.
5. Added “mypbxconf” execution interface for API.
6. 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 wakeup call could not work in Hotel Addon.
4. 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.

#### 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 a “monitorpath” field in CDR database.

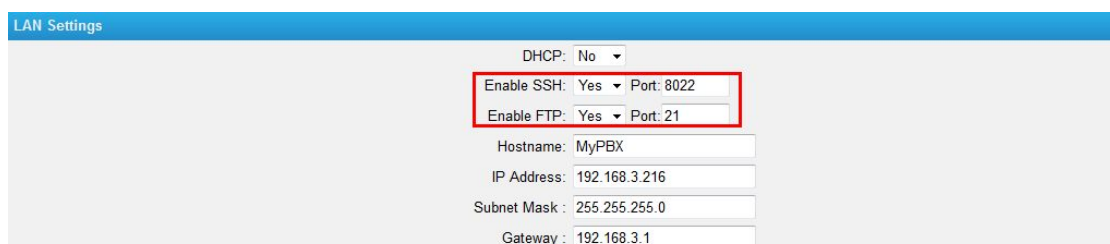
#### Instruction:

A CDR data table named cdr\_yyyyymm (yyyy indicates Year, mm indicates Month, i.e. cdr\_201411) will be created in MyPBX after a successful call recording, and you can check the save path by the “monitorpath” field.

### 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 “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.

The screenshot shows the configuration interface for a VoIP trunk named 'sip1'. The 'Authenticating Incoming Call' option is highlighted with a red box and is currently set to 'Yes'. Other visible fields include:

- Provider Name: sip1
- Hostname/IP: 192.168.3.203 : 5060
- Domain: 192.168.3.203
- User Name: 9100000
- Authorization Name: 9100000
- Password: [Redacted]
- From User: [Redacted]
- Online Number: [Redacted]
- Maximum Channels: 0
- Caller ID: 9100000
- Realm: www.hjjk.com
- Enable Outbound Proxy Server: [Unchecked]
- Codecs: First: a-law, Second: u-law, Third: GSM, Fourth: None, Fifth: None
- Transport: UDP, Enable SRTP: [Unchecked], Qualify: [Checked]
- DTMF Mode: rfc2833

#### 5. Added “mypbxconf” execution interface for API.

**Instruction:**

This is an interface for developer. You can connect a 3<sup>rd</sup> party software to MyPBX via API. A corresponding configuration file will be updated or created in MyPBX if changes were applied on the 3<sup>rd</sup> 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.

#### 6. 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:

Enter New Password:

Retype New Password:

===Firmware Version: V12.19.0.41===

Applicable Model: MyPBX U300

Release Date: October 31th, 2014

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- 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

- **PBX Related**

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.

➤ **Hotel Add-on**

1. Fixed the issue that a space character would be displayed as "+" on the bill.
2. Fixed the issue that the bill would be incorrect if the "Caller ID" was changed on extension page.
3. Fixed the issue that the "Gender" on customer info page could not be changed after check in.

➤ **Billing Add-on**

1. Fixed the issue that a "#" character could not be accepted in the "Emergency Number" field.

➤ **MyPBX Client**

1. Fixed the issue that there was no pop-up call on MyPBX Client when the incoming call reached a queue or a ring group.

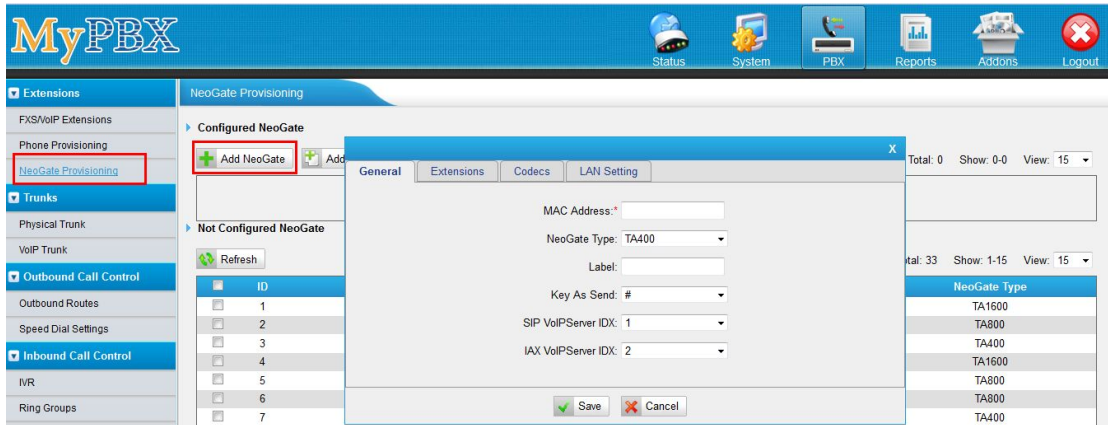
## Instruction (New Features)

### 1. Added NeoGate Provisioning feature.

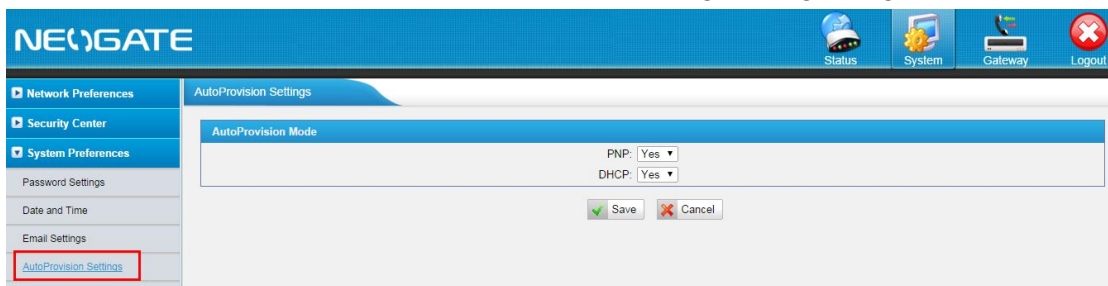
**Path:** PBX→Extensions→NeoGate Provisioning

**Instruction:**

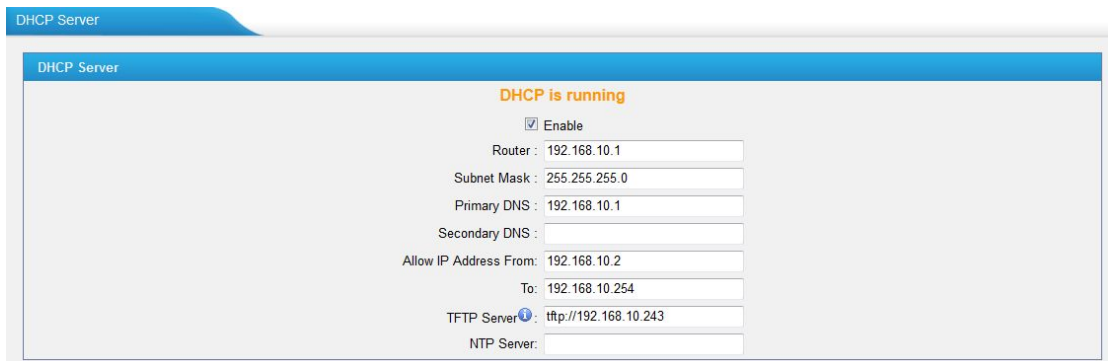
With this feature, you can easily configure the NeoGate TA on MyPBX, saving your time and efforts. Click "Add NeoGate" and fill in the corresponding information in the pop-up window, save and apply, the configurations will be applied to NeoGate TA.



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:**

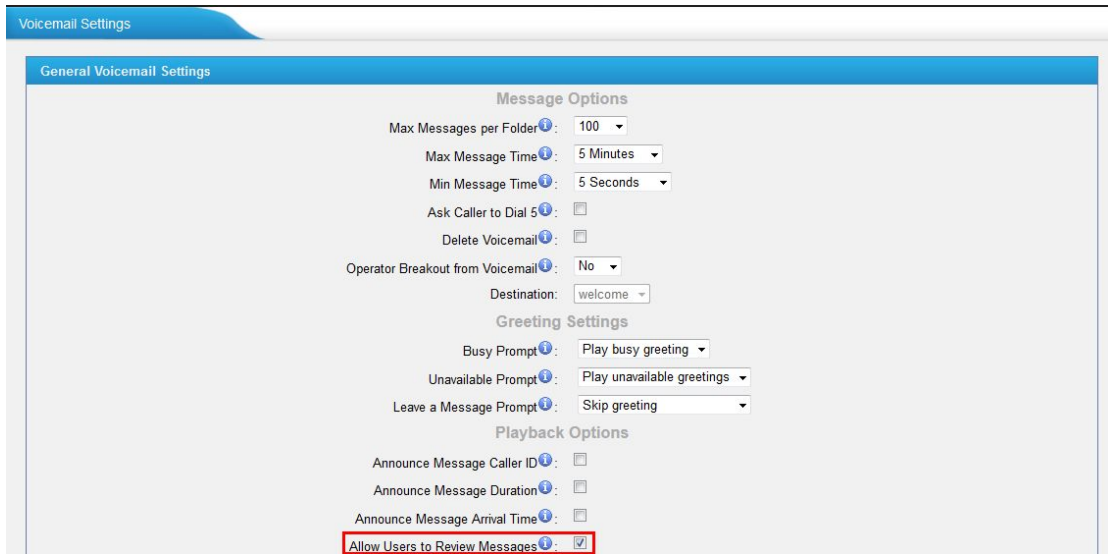
To mark the voicemail as an “Urgent” one, you should check the option “Allow Users to Review Messages”. After the caller leave the message and press # key, a prompt will be played.

Press 1 to accept this recording.

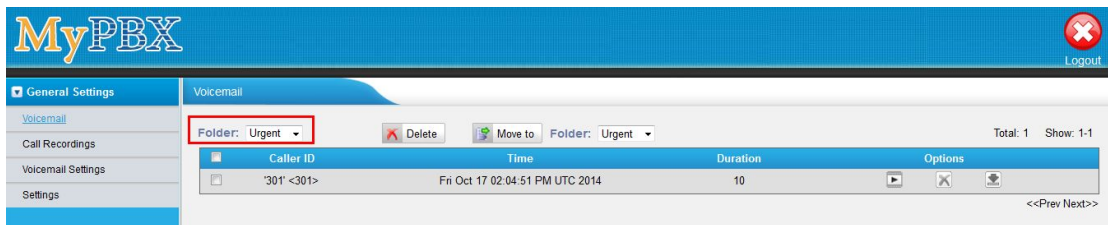
Press 2 to listen to it.

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.

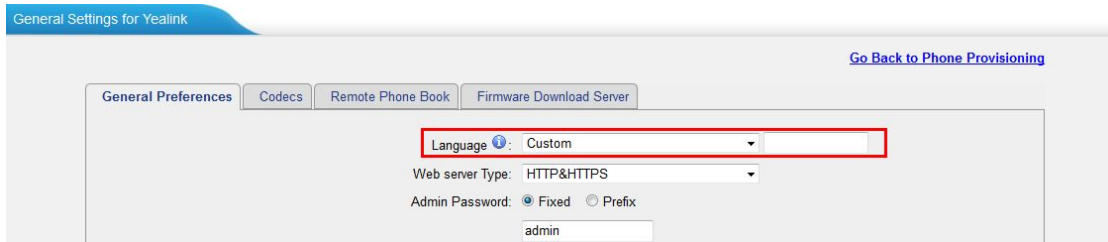


Or you can notice that there are urgent voicemails if you press \*2 on your IP phone to check voicemails.

##### 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

Call Waiting: Enabled

Auto Answer: [ ]

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"/>

[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

<input type="checkbox"/> Line1	Extension: [ ]	Label: [ ]	Line Active: <input type="checkbox"/>
<input type="checkbox"/> Line2	Extension: [ ]	Label: [ ]	Line Active: <input type="checkbox"/>
<input type="checkbox"/> Line3	Extension: [ ]	Label: [ ]	Line Active: <input type="checkbox"/>

**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: 87

[ ]

===Firmware Version: V12.19.0.30===

**Applicable Model: MyPBX U300**

**Release Date: August 12th, 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 12.18.0.X cannot be restored to the device with firmware version 12.19.0.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.

**Optimization**

1. The number of PIN code in a PIN list is limited to same number of extensions supported on MyPBX. (Maximum 100 PIN codes on U100; Maximum 200 PIN codes on U200.) The length of each PIN code is limited to 8 characters.

**Bug Fixes**

1. Fixed the issue that the Module UMTS SIM5215J could not work properly, resulting in SIM card detection failure.
2. Fixed the issue that batch deleting of auto recording managers would fail.
3. Fixed the issue that the auto recording could not work if you set network disk to NAS (Network Attached Storage), even if the running status showing "mounted".
4. 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.
5. Fixed the issue that the GSM module could not be detected if the firmware was upgraded from version 12.18.0.X to version 12.19.0.X.
6. 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.
7. 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 (New Features)**

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

**Path:** PBX→ Extensions→ Phone Provisioning

**Instruction:**

The screenshot shows the 'Add Phone' configuration window with the following settings:

- Enabled: Yes
- MAC Address: 00A859
- Manufacturer: Fanvil
- Call Waiting: Enabled
- Auto Redial: Disabled
- Phone Book: Enabled
- Name: (empty)
- Phone Type: C56 (dropdown menu is open, showing options: C56, C01, C56, C58, C60, C62, C66, D800, D900, F52, F58, F66)
- Key As Send: (empty)
- Auto Answer: (empty)
- Line 1:  SipLine1 Extension: (empty)
- Line 2:  SipLine2 Extension: (empty)

Buttons: Save, Cancel

**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. The default setting is "aer".

The screenshot shows the 'General Preferences' configuration window with the following settings:

- Ring Timeout: 30 s
- MAX Call Duration: 6000 s
- Maximum Concurrent Calls: 25
- Music On Hold: calmrivr
- Tone Region: United States/North America
- Dsp Fax: Yes
- Echo Cancellation Algorithm: aer (dropdown menu is open, showing options: aer, oslec, aer)
- FXO Mode: oslec
- Virtual Ring Back Tone: No
- Distinctive Caller ID: No

If you choose "oslec", you should set the "Echo Training", the default is 16ms.

The screenshot shows the following settings:

- Echo Cancellation Algorithm: oslec
- Echo Training: 16ms

## Instruction (Optimization)

1. The number of PIN code in a PIN list is limited to same number of extensions supported on MyPBX. (Maximum 100 PIN codes on U100; Maximum 200 PIN codes on U200.) The length of each PIN code is limited to 8 characters.

**Path:** PBX→Advanced Settings→PIN Settings

**Instruction:**

The screenshot shows a dialog box titled "Add PIN List" with a close button (X) in the top right corner. The dialog contains the following fields and content:

- Name:** Sales
- Record In CDR:** No (dropdown menu)
- PIN List:** A large text area containing a list of PIN codes:
  - 12345678
  - 17727
  - 28838
  - 88266
  - PIN List: 56273
- Buttons:** Save (with a green checkmark icon) and Cancel (with a red X icon).

**===Firmware Version: V12.19.0.23===**

**Applicable Model: MyPBX U300**

**Release Date: April 8th, 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 12.18.0.X cannot be restored to the device with firmware version 12.19.0.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 outgoing calls through E1 trunk would be disconnected immediately.
2. Fixed the issue that the default "Yes" setting for DSP FAX would not take effect.
3. Fixed the issue that the "Storage Location" would be set to "Network Disk" by default, which caused the recording files missing.

===Firmware Version: V12.19.0.21===

Applicable Model: MyPBX U300

Release Date: March 27th, 2014

**Contents:**

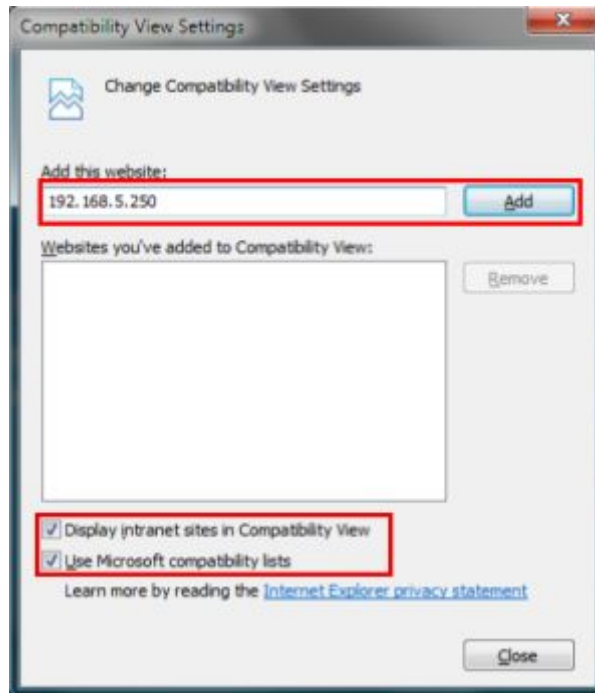
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## Part 1: MyPBX

### 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 12.18.0.X cannot be restored to the device with firmware version 12.19.0.X.
- Backup files from higher firmware version cannot be restored to the device with lower firmware version.
- After upgrade, please clean the cache and cookies of the browser before login.
- Please reboot the device twice to make the new firmware take effect.
- 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. The number of extensions is extended to 300.
2. Added LDAP Service option.
3. Added Panasonic IP phones in "Phone Provisioning".
4. Added Yealink latest IP phone model "T19P", "T21P" in "Phone Provisioning".
5. Added HTTPS protocol.
6. Added separated backup support for extensions.
7. Added FTP Enable and Disable option on "LAN Settings" page.
8. Added "\*Answer" mode for "Paging Groups".
9. Added L2TP VPN and IPsec VPN.
10. Added "PIN Settings" page, where users can manage all the passwords of outbound routes, PIN User, and DISA.
11. Added multiple "Dial patterns" on outbound routes.
12. Added "Answer Detection" option for PSTN line to achieve accurate billing.
13. Added "ISDN Diaplan" and "Dialplan" options for BRI trunk.
14. Added a default TLS PBX certificate.
15. Added "Custom" field for "Country Code" on SMS Settings page.
16. Added "Register Name" option for extensions.
17. 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 T.38 FAX.
7. Optimized the "WEBLOGIN" Alert.
8. Encrypted the backup file.

## 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. The number of extensions is extended to 300.

The number of SIP users is extended to 300, which previously support 200.

### 2. Added LDAP Service option.

**Path:**System→LDAP Server

#### Instruction:

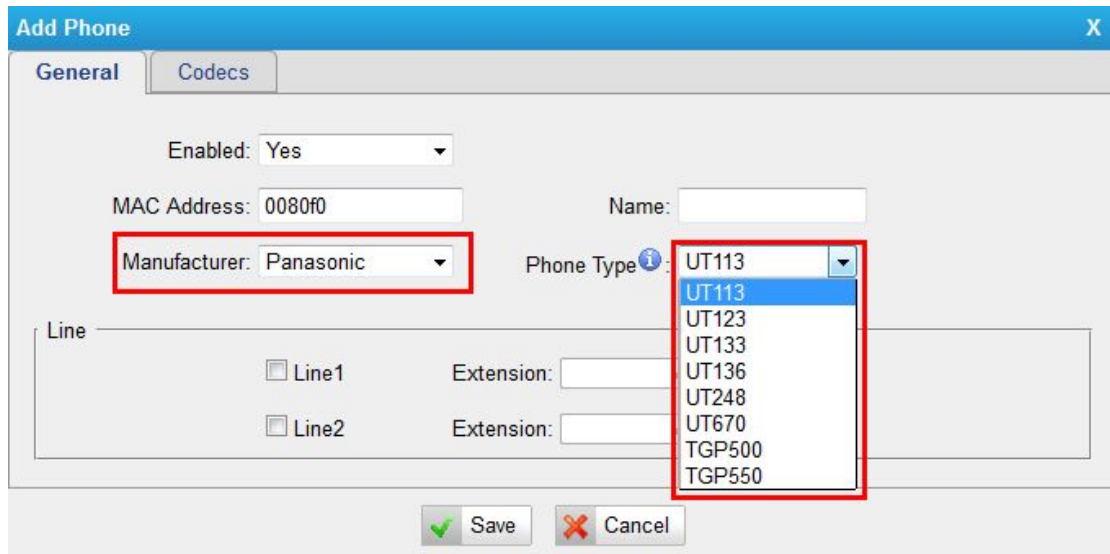
After enabling LDAP and configuring the settings, users are able to use LDAP Phone Book.

### 3. Added Panasonic IP phones in "Phone Provisioning".

**Path:**PBX→Extensions→Phone Provisioning→Add Phone

#### Instruction:

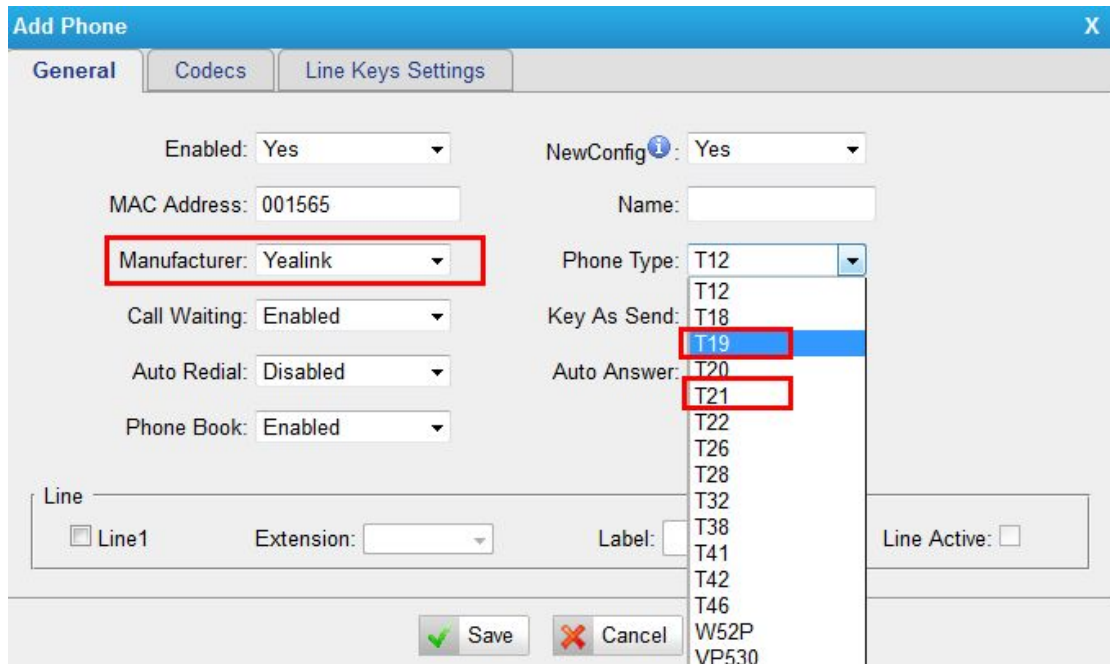
Panasonic IP phones are supported in Phone Provisioning; the models are UT113, UT123, UT133, UT136, UT248, UT670, TGP500, and TGP550.



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

**Path:**PBX→Extensions→Phone Provisioning→Add Phone

**Instruction:**

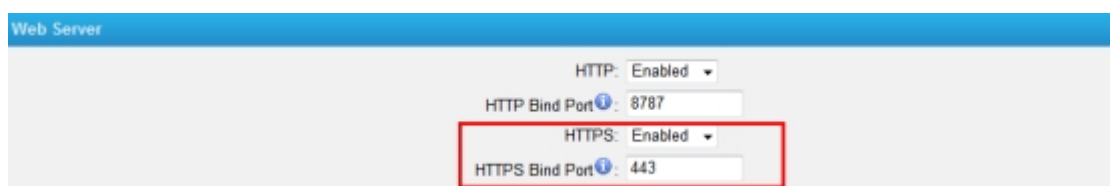


**5. Added HTTPS protocol.**

**Path:**PBX→General Preferences→Web Server→HTTPS

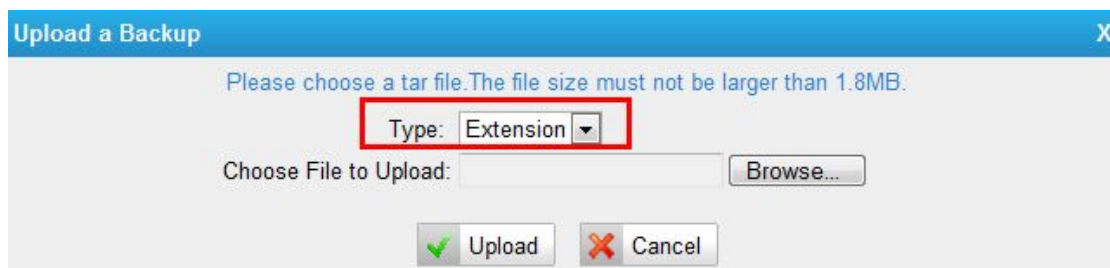
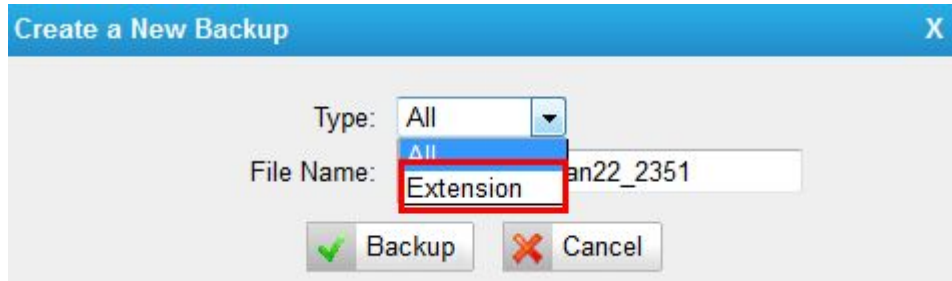
**Instruction:**

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

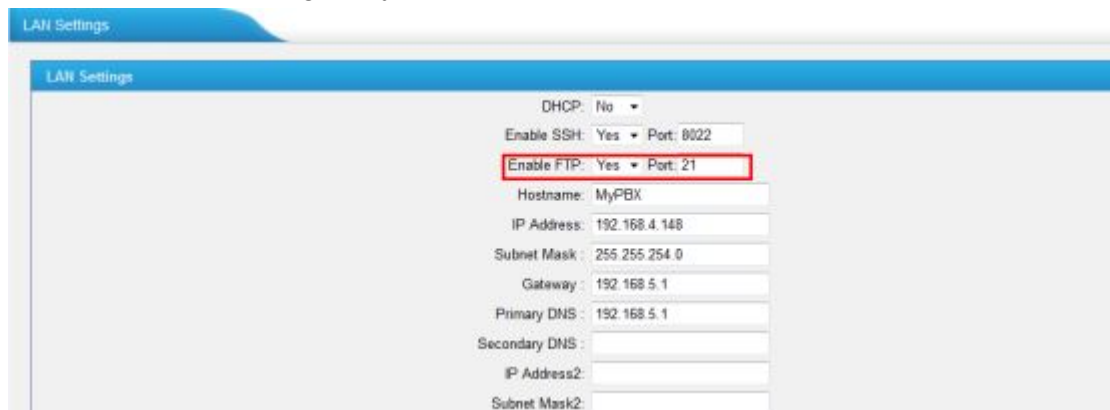


**6. Added separated backup support for extensions.****Path:** System → System Preferences → Backup and Restore**Instruction:**

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

**7. 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.

**8. 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

## 9. 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

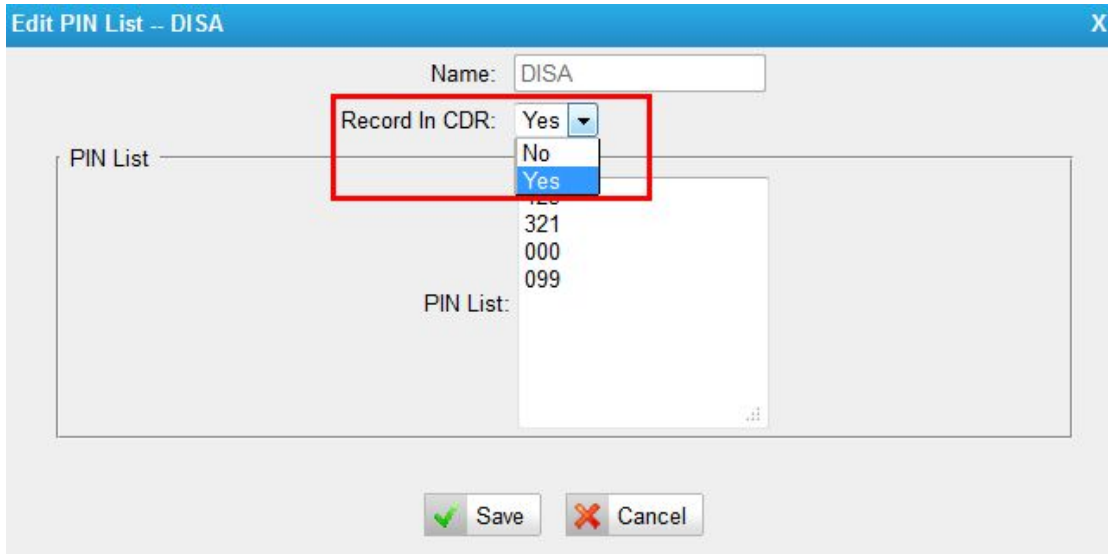
Import VPN Profile: Browse... Upload

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

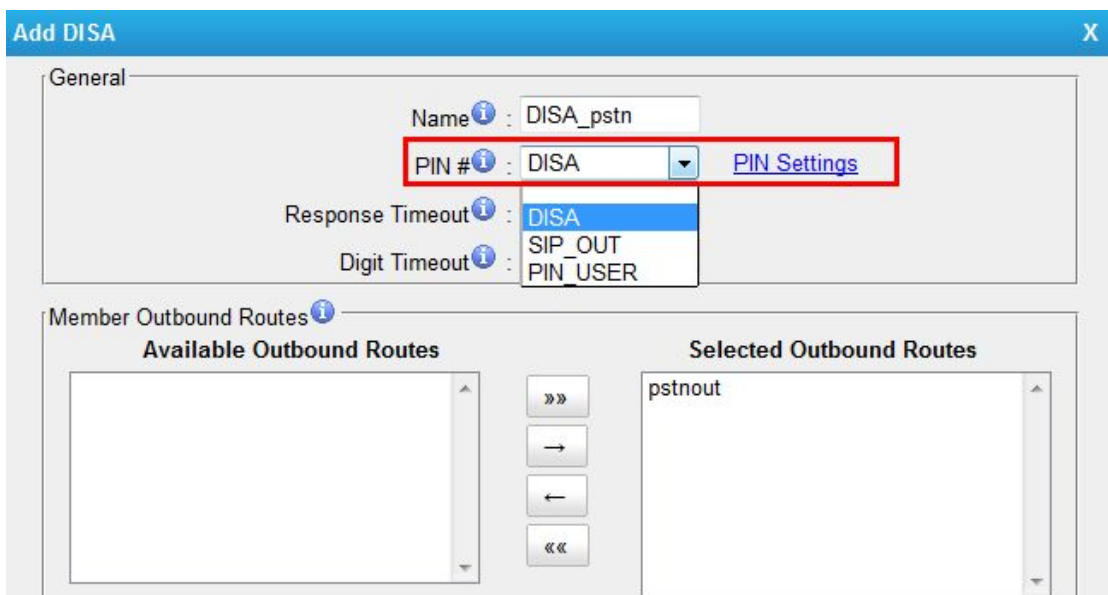
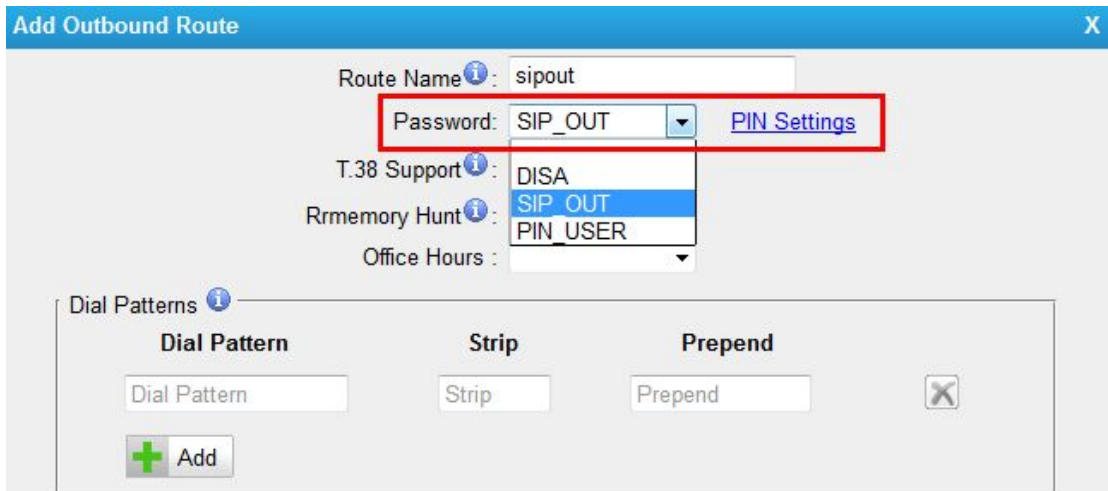
**Path:**PBX→Advanced Settings→PIN Settings

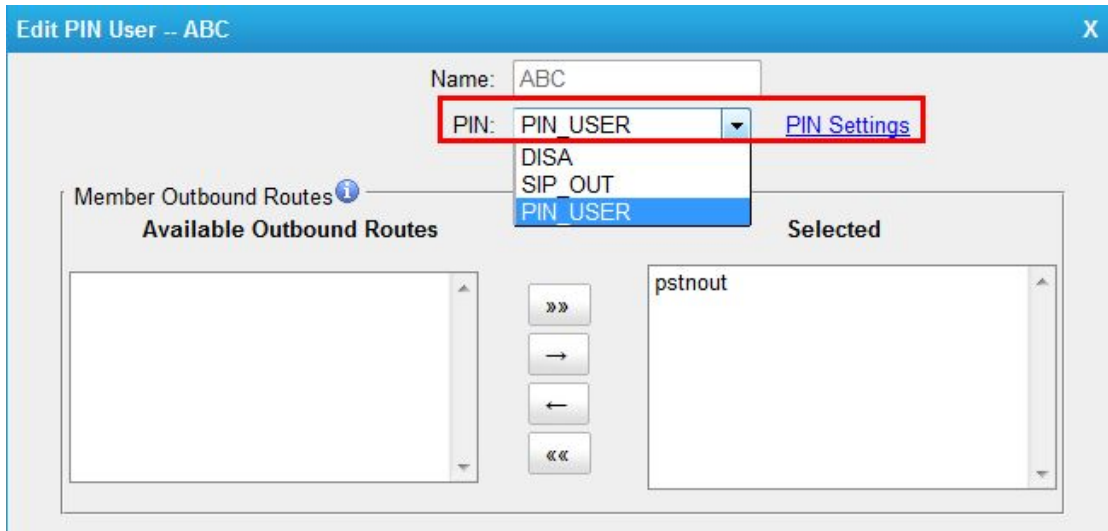
**Instruction:**

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



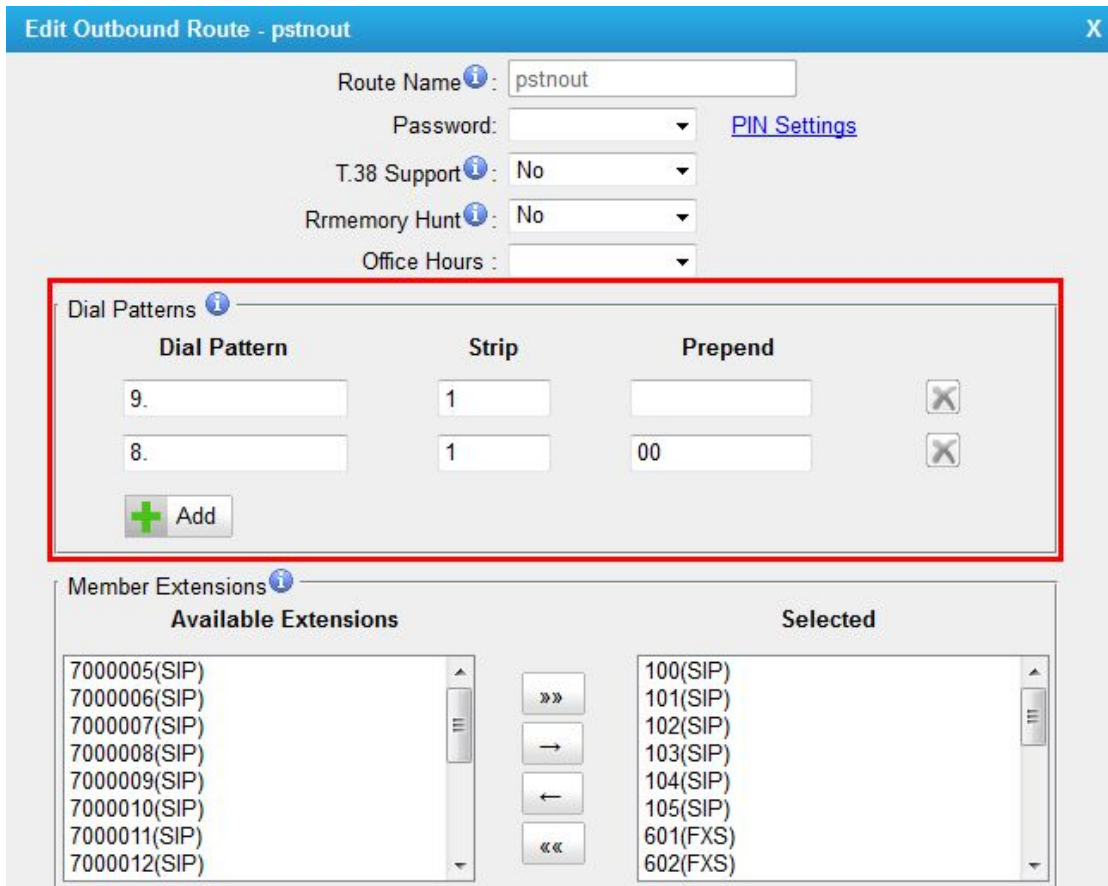


**11. Added multiple "Dial patterns" on outbound routes.**

**Path:** PBX → Outbound Call Control → Outbound Routes

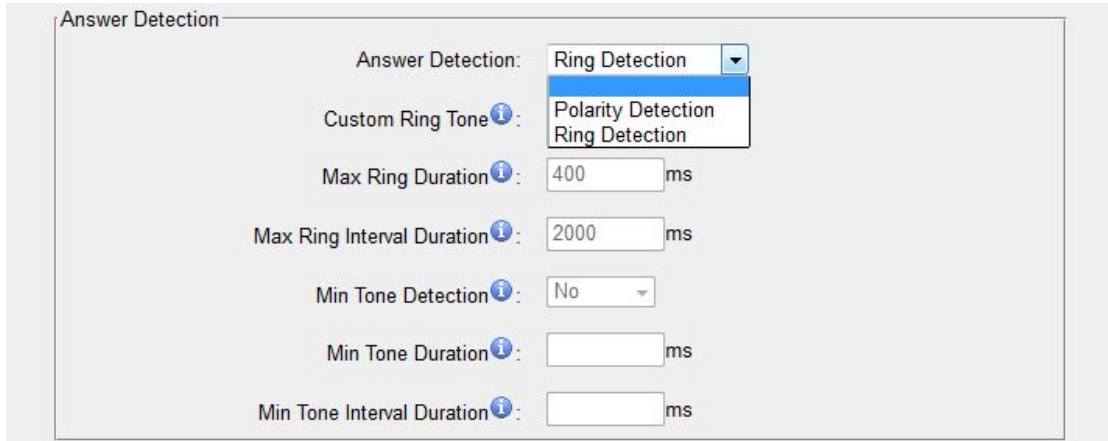
**Instruction:**

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



**12. 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: ?

Max Ring Duration: 400 ms

Max Ring Interval Duration: 2000 ms

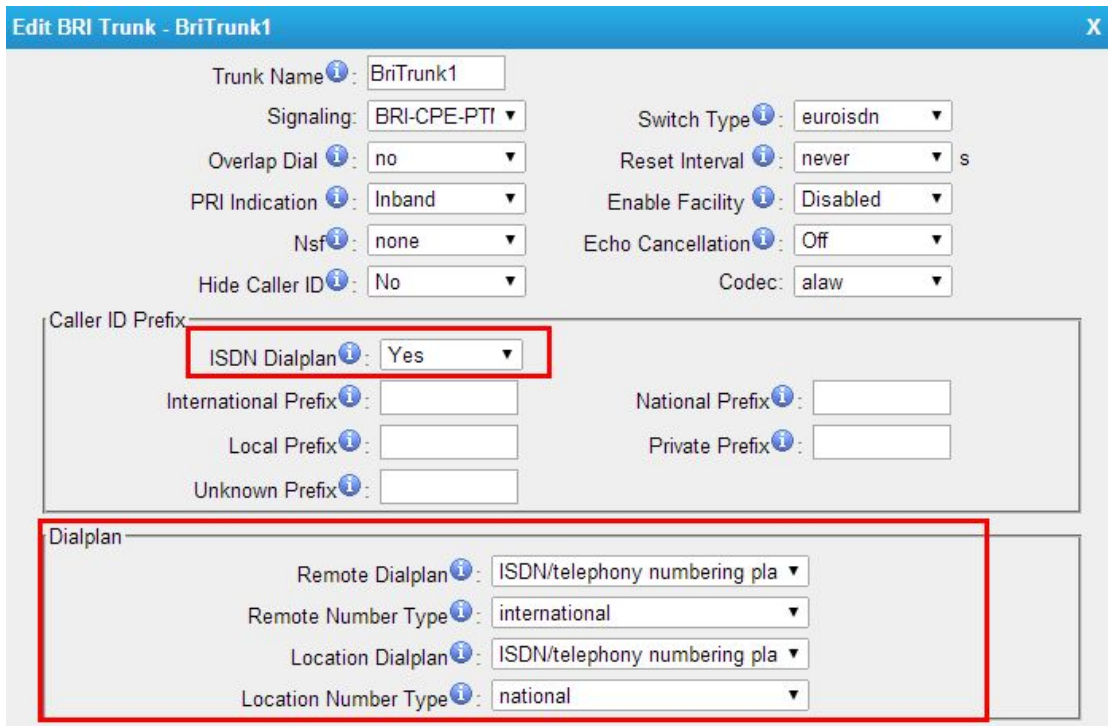
Min Tone Detection: No

Min Tone Duration: ms

Min Tone Interval Duration: ms

**13. 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 s

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

#### 14. Added a default TLS PBX certificate.

**Path:** PBX→Advanced Settings→Certificates

**Instruction:**

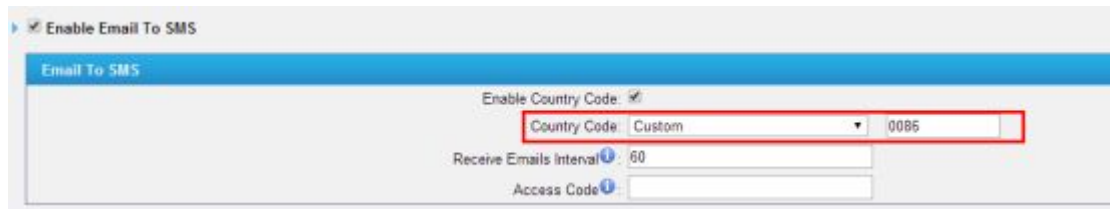
There is already a default TLS PBX certificate in MyPBX. Users can upload trusted certificates to MyPBX to make it work. Or if a new PBX certificate is uploaded to MyPBX, the new file will take effect.

#### 15. 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.



#### 16. 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** X

**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

**17. 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**

General **Other Settings**

Other Options

Call Waiting  DND  User Web Interface Ring Out: 30

Follow me

Always

Follow me:  No answer  When Busy

Transfer to:  Voicemail  Number

IP Restriction

Enable IP Restriction:

Permitted 'IP address/Subnet mask' 1:

Permitted 'IP address/Subnet mask' 2:

Permitted 'IP address/Subnet mask' 3:

Permitted 'IP address/Subnet mask' 4:

**Mobility Extension**

Enable Mobility Extension Mobility Extension Number: 15880270900

Ring Simultaneously 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** X

**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:

**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

Max Call Duration: 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

+ 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

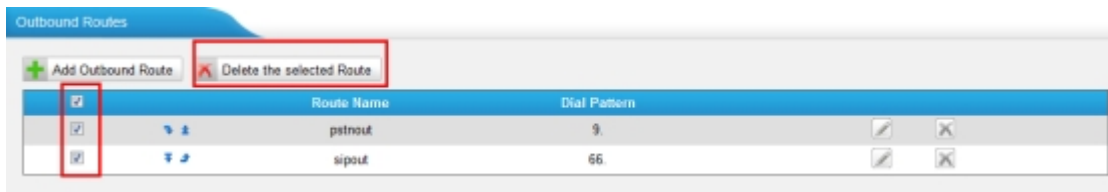
+ Add Service Provider Delete the selected Trunk

	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.

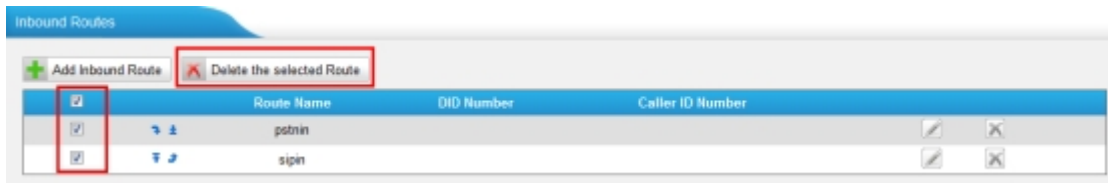
**Path:** PBX→Outbound Call Control→Outbound Routes

**Instruction:**



**Path:** PBX→Inbound Call Control→Inbound Routes

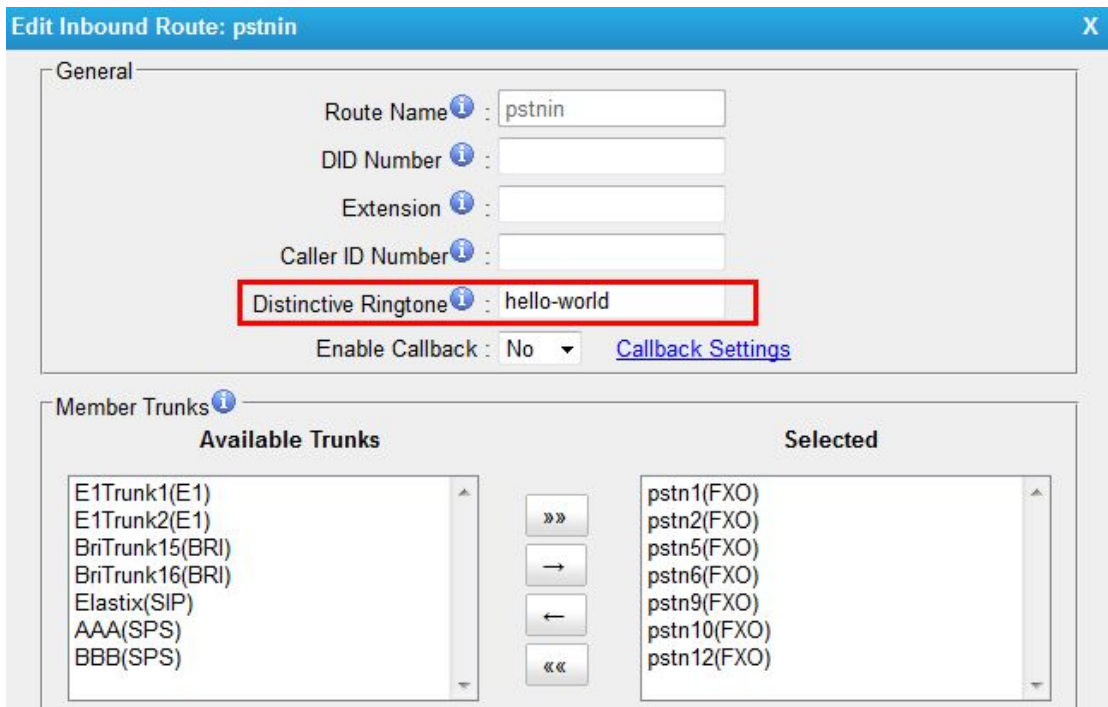
**Instruction:**



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

**Path:** PBX→Inbound Call Control→Inbound Routes

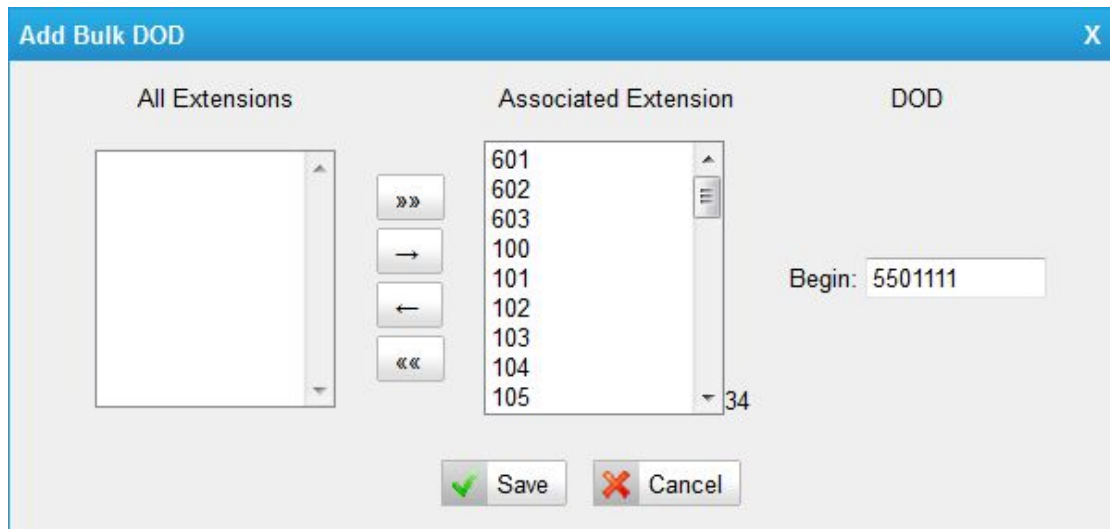
**Instruction:**



**5. Added bulk DOD numbers.**

**Instruction:**

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

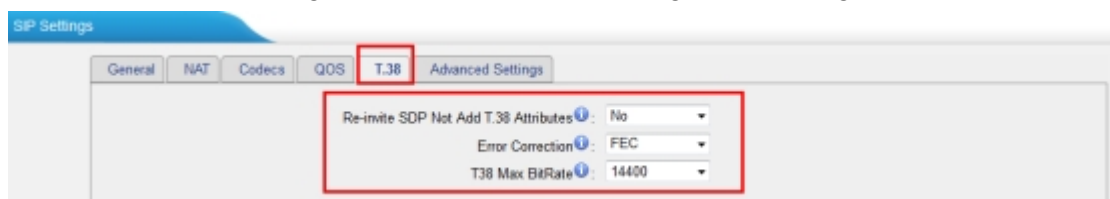


## 6. Optimized the T.38 FAX.

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

### Instruction:

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



## 7. 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.

## 8. Encrypted the backup file.

**Path:** System→System Preference→Backup and Restore

### Instruction:

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



## Part 2: Recording Addon

### New Features

1. Added multi-level administrators for auto recording.
2. Added auto recording for conference.
3. Added "Network Disk settings" page, in which Network Disk can be configured to store recording files.
4. Added "Record Outbound Prompt" to prompt the callee that the call is being recorded.

### Bug Fixes

1. Fixed the issue that the trunks will disappear and all the extensions cannot be displayed on "monitor" account Web GUI if there are lots of extensions with 7 digits. (for example, one extension number is 1234567)

### Instruction (New Features)

#### 1. Added multi-level administrators for auto recording.

**Path:**Advanced Settings→Auto Recording Management

#### Instruction:

Multiple managers can be created by the administrator. The manager will have the right to check auto recordings, delete recording files and download recording files. For example, create a manager for extension 601. Users can log in MyPBX by username "601" to manage the recording files of the selected extensions.

**Add Manager** X

Manager: 601

Enable Auto Recording check *i*: No

Recording numbers allowed to check *i*:

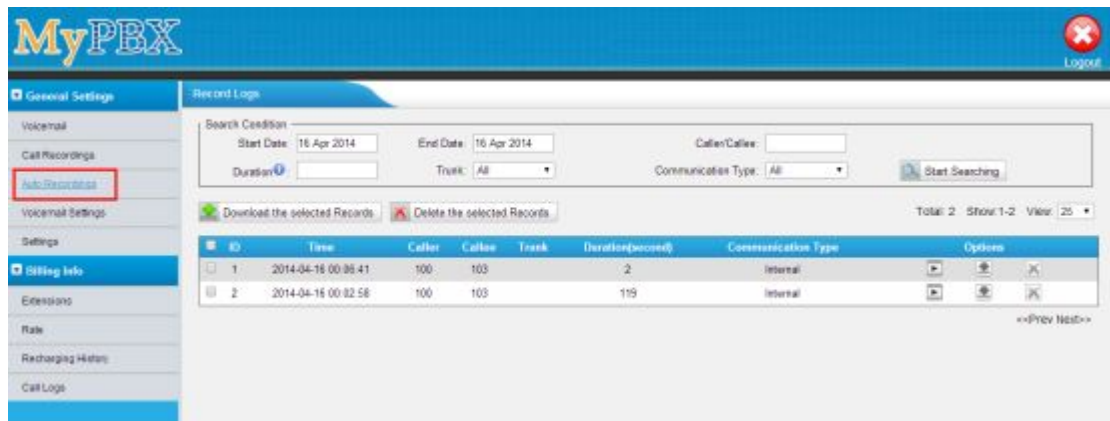
Auto Recording Delete Permission: No

Auto Recording Download Permission: No

Allowed Extensions

Available Extensions	Selected
105	601
104	602
106	603
108	100
	101
	102
	103
	107
	109

Save Cancel

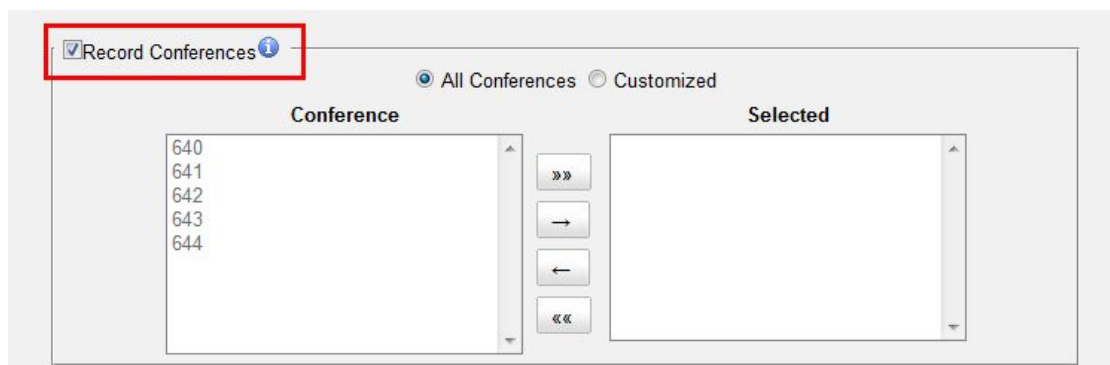


## 2. Added auto recording for conference.

**Path:**Network Preferences→Records Settings→Apply To

### **Instruction:**

When ticked, all calls made by the selected conference will be recorded.



## 3. Added "Network Disk settings", in which Network Disk can be configured to store recording files.

**Path:**Advanced Settings→Network Disk Settings

### **Instruction:**

After configuration, the recording files can be stored in a Window-based computer.



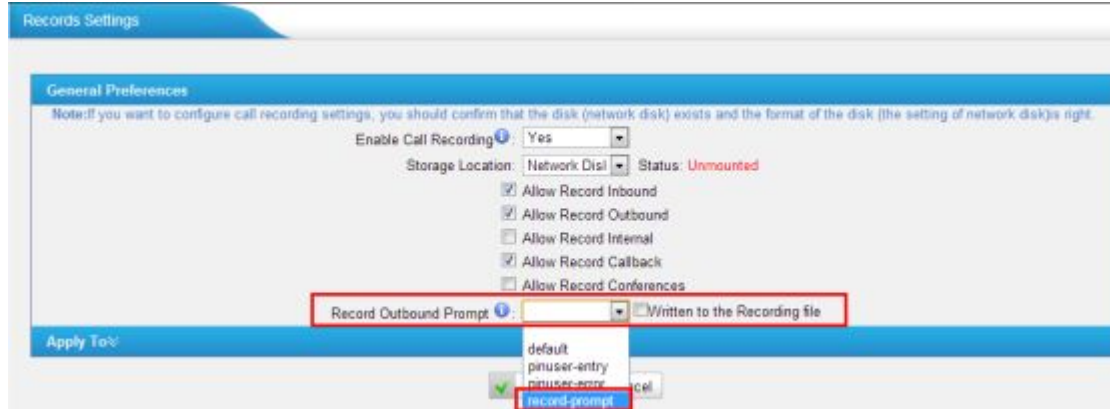
## 4. Added "Record Outbound Prompt" to inform the callee that the call is being

recorded.

**Path:** Network Preferences → Records Settings → General Preferences

**Instruction:**

If "Record Outbound Prompt" is enabled, the callee will hear the preconfigured prompt when the outbound calls go through the trunks.



The custom prompt can be chosen if you have uploaded it to MyPBX "Custom Prompts" page.

**Path:** PBX → Audio Settings → Custom Prompts



## Part 3: Billing System Addon

### New Features

1. Billing precision is up to 4 digits after the decimal point.
2. Currency symbol can be edited by users.
3. Added "Insufficient Balance Prompt" option.
4. Added "Extension Locked Prompt" option.
5. Added "Emergency Number" option.
6. Added "Scheduled Task" settings to lock or recharge extensions, or recover balance for extensions periodically.
7. DISA and "Inbound-to-Outbound" features are available after enabling billing system.
8. Added billing for mobility extension.

### Bug Fixes

1. Fixed the issue that calls made from insufficient extensions will be connected first then hung up.
2. Fixed the issue that the billing will not work if the rate is edited during a call.
3. Fixed the issue that the extension whose caller ID is changed cannot call out if billing system is enabled.
4. Fixed the issue that the billing starts as soon as the call is made through a PSTN line. This can be solved by configuring "Answer Detection" on PSTN trunk.
5. Fixed the issue that a call would not be disconnected if it went out of balance halfway through the call.

### Instruction (New Features)

1. **Billing precision is up to 4 digits after the decimal point.**

**Path:** Addons → Billing Settings → Rate

#### Instruction:

Users are able to enter a rate value that has 4 digits after the decimal point and the billing precision is up to 4 digits after the decimal.

The screenshot shows a dialog box titled "Edit Rate" with a close button (X) in the top right corner. It contains two tabs: "General" and "Other Settings". The "General" tab is active and contains the following fields:

- Prefix Number: 9
- Number Length: 0
- Rate: 0.1234 € (The "Rate" field is highlighted with a red box)
- Billing Unit: 60 seconds

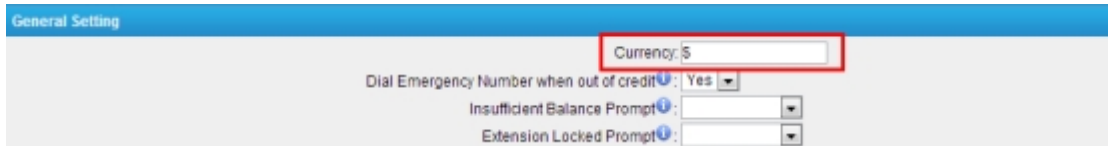
At the bottom of the dialog, there are two buttons: "Save" (with a green checkmark icon) and "Cancel" (with a red X icon).

## 2. Currency symbol can be edited by users.

**Path:** Addons → Billing Settings → General Settings

**Instruction:**

The Currency is editable by users. You are able to fill in any currency symbol as you want.

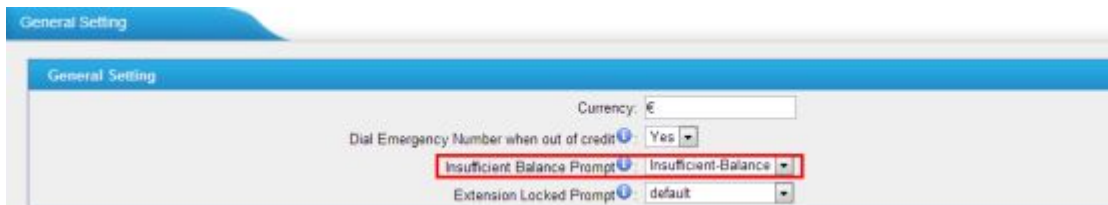


## 3. Added "Insufficient Balance Prompt" option.

**Path:** Addons → Billing Settings → General Settings

**Instruction:**

An insufficient balance prompt will be played when an insufficient extension is used to call out.



The custom prompt can be chosen if you have uploaded it to MyPBX "Custom Prompts" page.

**Path:** PBX → Audio Settings → Custom Prompts

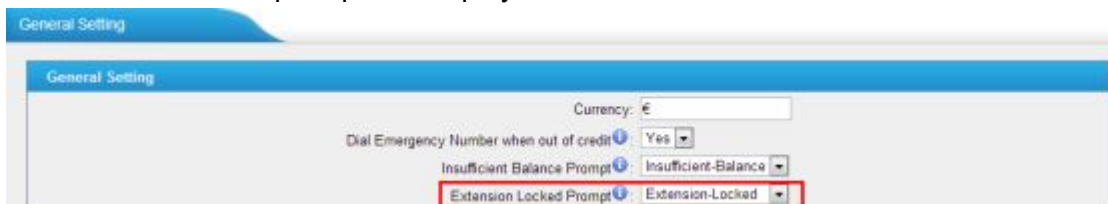


## 4. Added " Extension Locked Prompt " option.

**Path:** Addons → Billing Settings → General Settings

**Instruction:**

An extension locked prompt will be played when a locked extension is used to call out.



The custom prompt can be chosen if you have uploaded it to MyPBX "Custom Prompts" page.

**Path:** PBX→ Audio Settings→ Custom Prompts



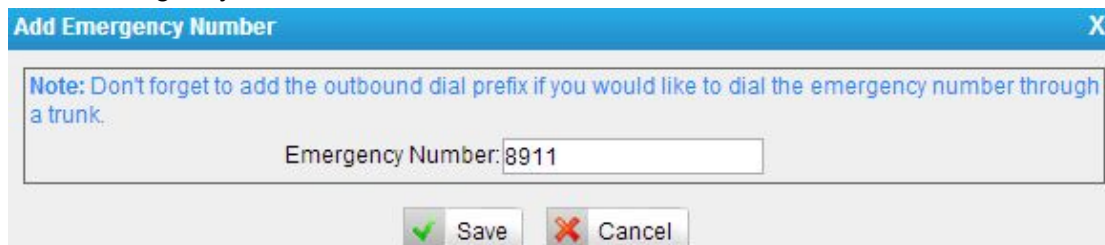
#	Name	Options
1	default	Record Again Play Download Delete
2	Extension-Locked	Record Again Play Download Delete
3	insufficient-Balance	Record Again Play Download Delete
4	pinuser-entry	Record Again Play Download Delete
5	pinuser-error	Record Again Play Download Delete
6	record-prompt	Record Again Play Download Delete

## 5. Added "Emergency Number" option.

**Path:** Addons→Billing Settings→Emergency Number

### Instruction:

There is no charge for the emergency calls and the insufficient extensions can also make emergency calls.



**Add Emergency Number** X

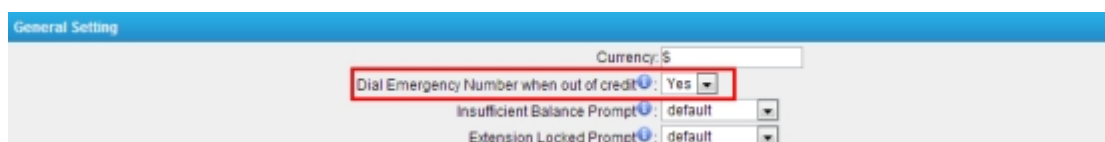
Note: Don't forget to add the outbound dial prefix if you would like to dial the emergency number through a trunk.

Emergency Number:

**Path:** Addons→Billing Settings→General Settings

### Instruction:

If set to Yes, you can call emergency number when you run out of credit. The emergency calls are free of charge.



**General Setting**

Currency: \$

Dial Emergency Number when out of credit: Yes

Insufficient Balance Prompt: default

Extension Locked Prompt: default

## 6. Added "Scheduled Task" settings to lock or recharge extensions, or recover balance or charge in card for extensions periodically.

**Path:** Addons→Billing Settings→Scheduled Task

### Instruction:

After setting the time condition, the system will lock or recharge extensions, or recover balance for the selected extensions periodically.

Add Scheduled Task
X

Name ⓘ:

Time Condition

Time ⓘ:

Every Day  
 Every Month  
Date:  ▾  
 Every Week  
Weekday:  ▾

Members ⓘ

Available Extensions		Selected
	<input type="button" value="»»"/> <input type="button" value="→"/> <input type="button" value="←"/> <input type="button" value="««"/>	<div style="border: 1px solid #ccc; padding: 2px;"> 100 101 102 103 104 105 106 107 </div>

Operation

Locked  
 Recover Balance  €  
 Charge in card  €

## 7. DISA and "Inbound-to-Outbound" features are available after enabling billing system.

### Instruction:

DISA and "Inbound-to-Outbound"(set the inbound route destination to an outbound route) features were unavailable if billing system is enabled on MyPBX, but now they are supported. DISA and "Inbound-to-Outbound" calls are free of charge.

## 8. Added billing for mobility extension.

### Instruction:

The mobility extension will be charged, and the bill is added to the corresponding extension.

## Part 4: Hotel Addon

### New Features

1. Added Hourly Room.
2. Added link of "Check In" and "Booking" in "Customers List".
3. Added "Comment" filed on "Customer" edit page.
4. Added MyPBX system time display on hotel web GUI.
5. Added the function that "Clean" status can be changed by double clicking the mouse.
6. Added the alert function on "Room List" page that the text of date will turn to red when the check out date comes.
7. Added group billing report.
8. Added "2 digits model" on Mini bar, which allows VAT to be set for each goods in Mini bar.

### Optimization

1. A different type of room can be chosen when changing a room.
2. "Number" field and customer name are editable on Billing report.
3. Customers information can be downloaded and uploaded.
4. It is able to edit the information, including Check-in info, Mini Bar, Call info, Room info, Room Move info on "Room List" page.
5. Wakeup calls will also apply to the room which is not checked in.

### Bug Fixes

1. Fixed the issue that the only left empty room cannot be checked in.
2. Fixed the issue a Certificate ID is needed when booking a room.

### Instruction (New Features)

#### 1. Added Hourly Room.

**Path:** Room Management → Add Model

**Instruction:**

Hourly room for hotel is supported.

**2. Added link of "Check In" and "Booking" in "Customers List".**

**Instruction:**

It is convenient for the administrator to do check-in and booking for the customers.

	Last Name	First Name	Sex	City	Mobile	Email	Check In	Booking		
<input type="checkbox"/>	Catherine	Huang	Female	--	8749793749	catherine@yeastar.com	Check In	Booking		
<input type="checkbox"/>	Alex	Chan	Male	--	7238326374	--	Check In	Booking		
<input type="checkbox"/>	Tina	Dai	Female	--	4543543	--	Check In	Booking		
<input type="checkbox"/>	Barry	Chan	Male	--	67567	--	Check In	Booking		

**3. Added "Comment" filed on "Customer" edit page.**

**Instruction:**

In this filed, enter the comment that the customer has left.

**Edit Customer: Catherine** X

Last Name:  First Name:

Country:  City:

Male  Female

Certificate Type:  Certificate ID:

Phone:  Mobile:

Fax:  Email:

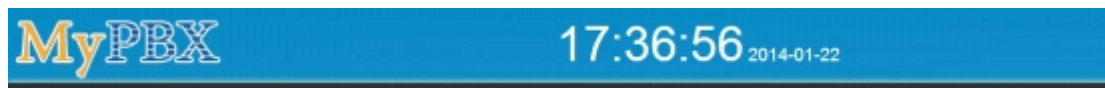
Address:

Comment:

#### 4. Added MyPBX system time display on hotel web GUI.

##### Instruction:

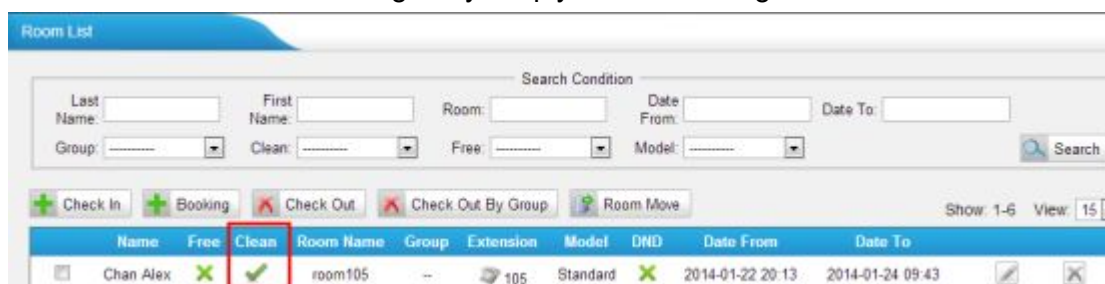
Once logging in the hotel web GUI, you will see a system time displayed obviously.



#### 5. Added the function that "Clean" status can be changed by double clicking the mouse.

##### Instruction:

The clean status can be changed by simply double clicking the icon.



#### 6. Added the alert function on "Room List" page that the text of date will turn to red when the check-out date comes.

##### Instruction:

Room List

Search Condition

Last Name:  First Name:  Room:  Date From:  Date To:

Group:  Clean:  Free:  Model:

Show: 1-6 View: 15

Name	Free	Clean	Room Name	Group	Extension	Model	DND	Date From	Date To
<input type="checkbox"/> Chan Alex	X	✓	room105	-	105	Standard	X	2014-01-21 09:47	2014-01-22 09:47

## 7. Added group billing report.

### Instruction:

After the customer checking out by group, there will be a billing report created. Check "By Group", all the group billing reports will be displayed.

Billing Report

Search Condition

Checkin Date:  Checkout Date:  Room Name:  Last Name:  First Name:   By Group

Total: 1 Show: 1-1 View: 25

Checkin Date	Checkout Date	Group
2014-01-22 09:54	2014-01-24 09:55	Yeastar

## 8. Added "2 digits model" on Mini bar which will allow VAT to be set for each goods in Mini bar.

### Instruction:

There will be more goods listed in the Mini bar by this model.

Mini Bar

Global VAT: 5.00

1 digit model  2 digits model

Digits	Name	Price	VAT
00	Tea	300	10
01	Chocolate	100	5
02	Coffee	200	10

## Instruction (Optimization)

### 1. A different type of room can be chosen when changing a room.

#### Instruction:

It is able to change a different type of room for customers. For example, room changed from Standard type to VIP type. As the room type changes, the bill charged will also change.

**Room Move** X

Room: Room107

Move to Room:

Sum Other:

Comment:

**2. "Number" field and customer name are editable on Billing report.**

**Instruction:**


GRND\_MARCHEITA

Number: 2014012210138  
 Billing at: 2014-01-25 09:50

Customer:	Dai Tina				
Room Name:	Room108	Room Model:	Standard		
Checkin Date:	2014-01-23 09:50	Checkout Date:	2014-01-25 09:50		

Service	Date	Amount	Price	VAT	Total
Room108	2014-01-23 - 2014-01-24	2	120	20.00	260.00
Apple	--	2	10.00	0.20	20.20
Water	--	1	5.00	0.05	5.05
Instant Noodles	--	1	20.00	0.40	20.40
Sum Other	--	--	--	--	0.00
<b>Sum:</b>					333.65

**3. Customers information can be downloaded and uploaded.**

**Instruction:**

**Customers List**

The customers' information exported under Windows OS may display as gibberish due to different default character encoding. To solve this, open the file in TXT format, save the file again with Unicode, and check again.  
 Note: import customers' information with the converted format will result in gibberish display, so it is recommended that an unconverted file is saved beforehand and then imported.

Search Condition: Last Name:  First Name:

Total: 4 Show: 1-4 View: 10

	Last Name	First Name	Sex	City	Mobile	Email			
<input type="checkbox"/>	Catherine	Huang	Female	--	8749793749	catherine@yeastar.com	<a href="#">Check In</a>	<a href="#">Booking</a>	<input type="checkbox"/>
<input type="checkbox"/>	Alex	Chan	Male	--	7238328374	--	<a href="#">Check In</a>	<a href="#">Booking</a>	<input type="checkbox"/>
<input type="checkbox"/>	Tina	Dai	Female	--	4543543	--	<a href="#">Check In</a>	<a href="#">Booking</a>	<input type="checkbox"/>
<input type="checkbox"/>	Barry	Chan	Male	--	67567	--	<a href="#">Check In</a>	<a href="#">Booking</a>	<input type="checkbox"/>

<<Prev Next>> Page: 1 / 1 Goto

**4. It is able to edit the information, including Check-in info, Mini Bar, Call info, Room info, Room Move info on "Room List" page.**

**Instruction:**

The screenshot shows a web-based interface for managing check-ins. A modal window titled "Edit Check-in Info" is open, displaying various fields for guest and room information. The "Check-In Info" tab is selected and highlighted with a red box. The background shows a "Room List" table with columns for "Name" and "Free", listing guests like "Dai Tina" and "Chan Alex".

**5. Wakeup calls will also apply to the room which is not checked in.****Instruction:**

Some rooms in the hotel which are not checked in will have wakeup calls as well.

## Part 5: MyPBX Client Addon

### ===MyPBX Client Firmware Version: V1.0.0.7===

#### New Features

1. Added Screen popup for call task when the time comes.
2. Contacts can be dragged by mouse to a group.
3. The dial pad will automatically adjust its position.
4. Added the function to integrate with outer CRM.

#### Bug Fixes

1. Fixed the issue that "Mobility extension" which is set on MyPBX will be changed while "Mobile" is changed on MyPBX Client profile.
2. Fixed the issue that the recording list cannot refresh automatically.
3. Fixed the issue that there is no caller name displayed if calling from MyPBX Client.
4. Fixed the issue that external numbers cannot be added in a conference.
5. Fixed the issue that the call log will be wrong if the external number dialed out has N-1 digits while the contact's number has N digits.
6. Fixed the issue that country code cannot be input manually on SMS GUI.

#### Instruction (New Features)

1. **Added Screen popup for call task when the time comes.**

**Instruction:**

When the time scheduled in call task has come, there will be a screen popup on the PC to remind MyPBX Client users.

2. **Contacts can be dragged by mouse to a group.**

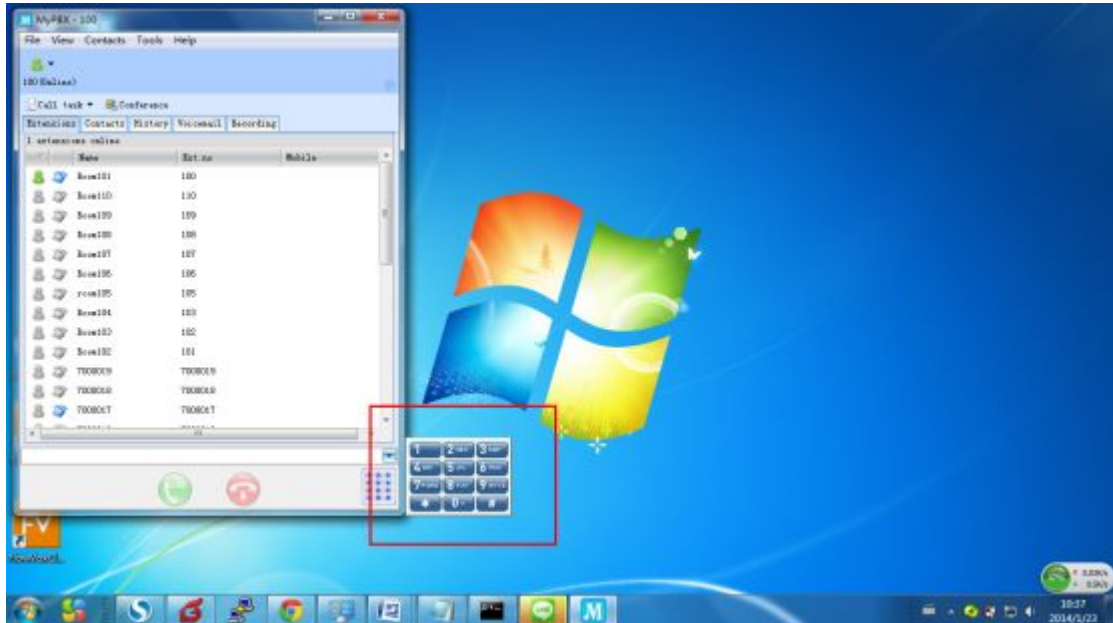
**Instruction:**

Directly dragging the contacts to a group is possible.

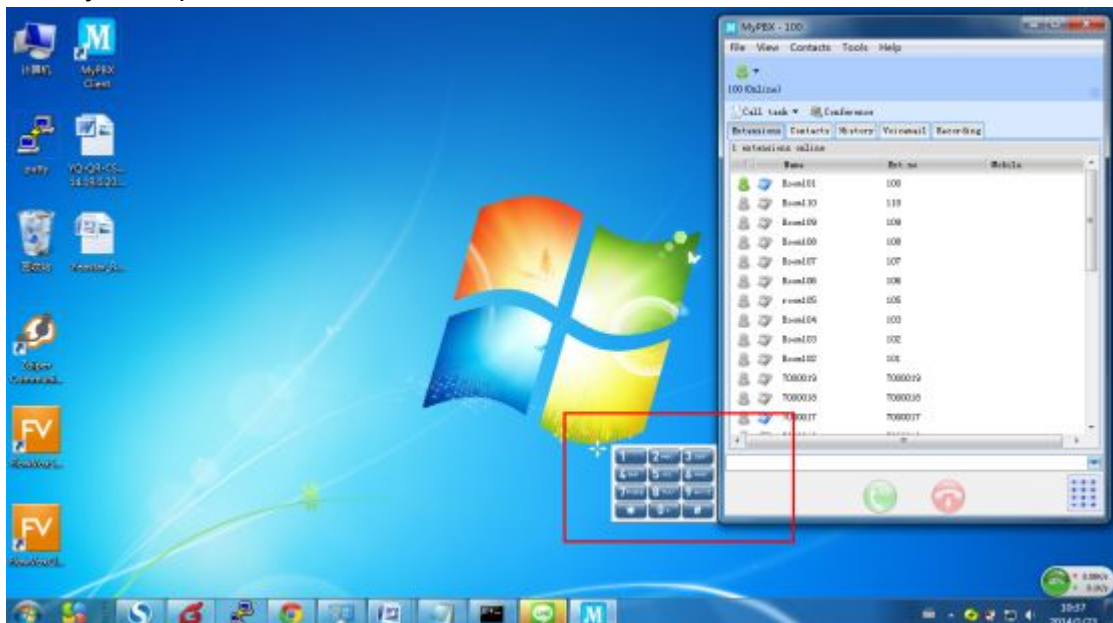
3. **The dial pad will automatically adjust its position.**

**Instruction:**

If MyPBX Client window is placed on the left end of the desktop, the dial pad will be on the right of the MyPBX Client window.



If the window of MyPBX Client is placed on the right end of the desktop, the dial pad will adjust its position to left.



#### 4. Added the function to integrate with outer CRM.

**Path:**Tools→Options→Calls→Integrate with outer CRM

#### **Instruction:**

If the option is checked, the CRM will automatically open if there is an incoming call to MyPBX Client users.

MyPBX - Options

System  
Call forward  
Feature Codes  
Speed Dials  
**Calls**

**Calls**

Pop-up window when someone call in

Dial Pattern

Automatically answer dialing out

Phone Type

Integrate with outer CRM

Command

The text "(callerid)" in the command will be replaced by the call in number when someone call in

<The End>