

Mitel SIP-DECT Multi-cell Interoperability Guide

For SIP-DECT 8.3SP2 and later

Release 1.0

RingCentral

Mitel[®]

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Interoperability Guide

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ABOUT THIS DOCUMENT

This purpose of this document is to provide a list of the telephony features available with the products that combine Mitel SIP-DECT and RingCentral capabilities.

It also provides guidelines and the steps for configuring and provisioning Mitel SIP-DECT with RingCentral.

The Mitel team has validated SIP interoperability for Mitel SIP-DECT 8.3 SP2 with RingCentral.

AUDIENCE

This guide is intended for the following technical personnel:

- Networking professionals responsible for designing and implementing wireless networks
- Network administrators and IT support personnel who need to migrate, install, configure, maintain, and monitor system components

IMPORTANT ASSUMPTIONS

In writing this document, the following assumptions were made:

- You have the required SIP-DECT training.
- You have a general understanding of network deployments.
- You have a general understanding of radio frequency concepts including signal strength, interference, and attenuation.
- You have working knowledge of basic TCP/IP/SIP protocols, Network Address Translation, and so on.

CONTENTS OF THIS GUIDE

The guide is divided into two parts:

- [Provisioning in RingCentral](#)
- [Provisioning in Mitel SIP-DECT](#)

Each part describes the general configuration and the basic elements of user administration.

ENVIRONMENT INFORMATION

- RingCentral: www.ringcentral.com
- RingCentral Network Requirements: https://support.ringcentral.com/s/article/9233?language=en_US

- SIP-DECT 8.3 SP2 or later
- SIP-DECT base station (RFP44, RFP45, RFP47, RFP47 DRC, or RFP48 WLAN)
- SIP-DECT Handsets 6x2d (612d, 622d, and 632d)

RELATED DOCUMENTATION

MITEL DOCUMENTATION

- [Mitel 600 DECT Phone User Guide](#)
- [SIP-DECT OM System Manual](#)

RINGCENTRAL DOCUMENTATION

- [Assign an existing device to an existing extension](#)
- [Manual Provisioning for Third-Party Phones](#)
- [Get the SIP Settings For Manual Provisioning](#)

HARDWARE AND SOFTWARE LIST

The following lists the hardware and software requirements for provisioning Mitel SIP-DECT with RingCentral.

HARDWARE

- SIP-DECT base stations: RFP44, RFP45, RFP47, RFP47 DRC, or RFP48 WLAN
- SIP-DECT handsets: 612d, 622d, 632d

SOFTWARE

- Open Mobility Manager running SIP-DECT 8.3 SP2 or later
- OM Management Portal running SIP-DECT 8.3 SP2 or later (optional). Required only if you are using TLS 1.2 or SIP-DECT internal conferencing.

FEATURES LIST

The following table lists the supported features.

Features	Description
Registration	Set up the phone/device to be able to make and receive calls and utilize all other supported VOIP/SIP features
Make and receive calls	Make and receive extension, local, and international calls.
Voicemail	Record messages from callers when you can't answer the phone. Check for and playback messages from your phone.
Call line identification	Displays the number and/or name of the incoming caller
Caller ID	Transmits your number and/or name to the receiving party
Hold and retrieve	Place active calls on Hold
Call waiting	Answer an incoming call while on another call
Call Forward (Immediately, Busy, No answer, Busy & No Answer)	Forward calls to a specific phone number. The feature can be activated and configured via the DECT phone menu.
Conference (3-way SIP-DECT internal conferencing)	Host a local conference call with other parties within the SIP-DECT system.
Transfer calls	Transfer active calls to another extension or number.
Call Flip	Transfer calls from one device to another quickly and effortlessly with RingCentral Call Flip
Directed call pickup	Pickup and answer another user's calls
Park and retrieve	Park an active call in the cloud Retrieve a parked call from the cloud to continue the conversation

Features	Description
Call Recording (automatic & on-demand)	Call recording is the ability to record a voice conversation over an audio source
Secure voice (TLS)	Allows the device to use Support Transport Layer Security (TLS) to encrypt call signaling and media

BYOD PHONE FEATURE DETAILS

Function	DTMF Key Code	Details
Open the RingCentral Interactive Voice Response (IVR)	*	When calling your extension or Direct Number, press * to manage your RingCentral account settings over the phone.
Mute Conference Bridge Music	* # 903 #	If you are the only participant on a RingCentral Conferencing Bridge, dial *#903# to mute the hold music.
Connect directly to voicemail	#	When calling an extension, press the # key to go directly to the extension's voicemail. Note: This command does not apply to Call Queues.
Voicemail	*86	Dial *86 on your RingCentral desk phone to listen to your voice messages over the phone. Alternative procedure: long press 1-key or DECT phone menu
Hold	##	Press ## to place an active call on hold. Alternative procedure: R-Key or DECT phone menu
Blind transfer	## + ext. number	Blind transfer from any phone. For more information, visit Deskphones - Transfer Calls. Alternative procedure: R-Key or DECT phone menu
External transfer	## * 1 + 10-digit number	This will transfer the call externally, showing the originating caller ID, not the extension transferring it.
Internal transfer	## + ext. number + #	This will transfer the call externally, showing the caller ID of the extension transferring, not the originating caller ID. Alternative procedure: R-Key or DECT phone menu

Function	DTMF Key Code	Details
Transfer to voicemail	Deflect call + *0	Send the caller directly to voicemail.
Call Flip	* + flip number	During an active call, press *1 up to 8 to initiate Call Flip. For more information, visit How to Use Call Flip
Outgoing caller ID blocking	*67 + 10-digit number	When placing an outgoing call, dial *67 before the 10-digit number to block your outgoing caller ID on a per-call basis.
Directed call pickup	*58 + ext. number	Answer a call using directed call pickup.
Call park (retrieve)	* + park location extension	Press * and then the park location extension to pick up a parked call. For more information, visit Park a Call .
Call park (send to park location)	##*3	Press ##*3 to park an active call. For more information, visit Park a Call .
Call recording (start/end)	*9	During an active call, press *9 to start/end the call recording. For more information, visit Ways to Record a Call .

PROVISIONING IN RINGCENTRAL

To provision a BYOD (Bring Your Own Device) phone with RingCentral, you need an Existing Device type. You can use the following methods to provision a BYOD:

1. [Add a new user with a BYOD phone](#) or
2. [Add a new BYOD phone to an existing user](#), if you already have users configured.

ADD A NEW USER WITH A BYOD PHONE

To add a new User with a BYOD do the following:

1. Log in to your RingCentral online account as an Administrator.
2. Navigate to **Home > Quick Access > Add User**.

The screenshot displays the Mitel RingCentral Admin Portal interface. At the top left is the Mitel logo. On the top right, there is a user profile icon labeled 'LP' and a dropdown menu for 'Admin Portal'. Below the header is a navigation bar with links for Home, Users, Phone System, Meetings, Reports, Billing, and More. The main content area is divided into two columns. The left column, titled 'Quick Access', contains several categories: 'Company' (with sub-links for Business Hours, Caller ID Name, Company Greetings & Call Handling, and Directory Assistance), 'Phones & Devices' (with sub-links for Add User Phone, Add Unassigned Phone, and Manage Devices), 'Users' (with sub-links for Add User, Add User Settings Template, Manage Users, and Manage User Groups), 'Groups' (with sub-links for Add Call Queue, Add Message-Only Extension, and Manage Groups), 'Phone Numbers' (with sub-links for Add Number, Reserve Numbers, Transfer Numbers, and Manage Numbers), and 'Billing' (with sub-links for Purchase Licenses and Licenses & Inventory). The 'Add User' link under the 'Users' category is highlighted with a red rectangular box. The right column contains 'Apps' (with 'App Gallery' and 'Developer Portal') and 'Resources' (with 'Community', 'Blog', and 'Open a Web Case').

3. In the **Add Users** page, under **MVP User**, choose the correct location and click **Select**.

Add Users ×

1 Choose User Type
2 Add User Info
3 Setup Options

What type of users do you want to add?



MVP User
Message, Video, Phone [Learn more](#)

Location

United States ▼

Select



Video Pro+ User
Message, Video, Limited Phone [Learn more](#)

Available licenses: 0

Select



Video Pro User
Message, Limited Video [Learn more](#)

FREE

Select

4. In the **Add User Info** tab, provide information for the following fields:

Note: In the example, we will use Jane Doe as a user.

- a. Email
- b. First Name
- c. Last Name
- d. Phone: Select **Bring your own device**

Add Users ×

✓ Choose User Type
2 Add User Info
3 Setup Options

MVP user licenses available: 0 ⓘ Require unique email IDs

Email	First Name	Last Name	Ext.	Phone	Number
<input type="text" value="Jane.Dowe@domain.com"/>	<input type="text" value="Jane"/>	<input type="text" value="Doe"/>	<input type="text" value="652"/>	<input style="border: none; color: blue; font-size: small; font-weight: bold; text-decoration: underline; cursor: pointer; width: 100%;" type="text" value="Bring your own device"/>	<input style="font-size: small; font-weight: bold; text-decoration: underline; cursor: pointer; width: 100%;" type="text" value="(346) 202-0526(N...)"/>

1
+ Add
Additional licenses to purchase: 1 [How is this calculated?](#)

5. Click **Next**.
6. In the **Setup Option** tab, click the **Send invite** radio button.

Add Users x

✓ Choose User Type
 ✓ Add User Info
 3 Setup Options

Setup Option

Send invite ⓘ
 Activate by assigning credentials ⓘ
 Activate later ⓘ

Assigned Role ⓘ
Standard (International)

[Edit Role](#)

Back
Submit

7. Click **Submit**.
8. Navigate to **Users > Users with Extensions**.
9. Search for the user you created. In this example, we will use Jane Doe.

The screenshot shows the Mitel Admin Portal interface. The top navigation bar includes 'Home', 'Users', 'Phone System', 'Meetings', 'Reports', 'Billing', and 'More'. The 'Users' menu is expanded, showing 'User List', 'Users with Extensions', 'Unassigned Extensions', 'Roles', 'User Groups', and 'Templates'. The main content area is titled 'User List >> Users with Extensions'. It features a search bar containing 'jane doe' and buttons for '+ Add User', 'Download User List', and 'Reset All'. Below the search bar are action buttons: 'Delete', 'Enable', 'Disable', 'Send Invite', 'Set Credentials', and 'Apply Templates'. A table lists the search results:

Status	Name	Number	Ext.	Licenses	Roles	Department	Msg.	Actions
<input type="checkbox"/>	Jane Doe	(346) 235-1347	651	MVP	Standard (I...		0 / 0	⋮

10. From the search results, click **Jane Doe** and expand **Phones & Numbers**.
11. Under **Actions**, select **Set Up and Provision**.

The screenshot shows the 'Users' configuration page for 'Jane Dorr'. The 'Phones & Numbers' section is expanded, displaying a table with the following data:

Phone Nickname	Phone Type	Number	Actions
Existing Phone	Existing Phone	(346) 235-1347	<ul style="list-style-type: none"> Set Up and Provision Change Phone Reassign to

Below the table, there are sections for 'Screening, Greeting & Hold Music', 'Call Forwarding and Voicemail', and 'Personal Emergency Response Locations'.

12. In the **Setup & Provisioning** window, under the **Add Emergency Response Location** tab, select the required location

Note: This step is for US customers only.

The screenshot shows the 'Setup & Provisioning' window with the following steps: 1 Add Emergency Response Location, 2 Select Device, 3 Provisioning, 4 Finish. The 'Add Emergency Response Location' step is active. The 'Emergency Response Location' dropdown is set to 'Home - 19416 MORGANA DR, PFLUGERVILLE, TX, 78660, United States'. The 'Next' button is highlighted in blue.

13. Click **Next**.

14. In the **Select Device** tab, click **Set up manually using SIP**.

Setup & Provisioning

✓ Add Emergency Response Location 2 Select Device 3 Provisioning 4 Finish

Select your model to begin

Type brand name or model name to search

Can't find the model? Want to bring your own device? [Set up manually using SIP](#)

Back Next

15. Click **Next**.

16. In the **Finish** tab, do the following:

- a. Select the **Yes – The device must support Transport Protocol version TLS 1.2** radio button

Note: It is recommended to use TLS 1.2 for security purposes. However, this setting is optional. This setting must be the same for all users using SIP-DECT.

- b. Select the required **Outbound Proxy** value from the drop-down list.

Setup & Provisioning

✓ Add Emergency Response Location ✓ Select Device ✓ Provisioning 4 Finish

Manual Provisioning

To connect your device with RingCentral services, setup your device following the steps below. Configuration for each device may vary, please check with your device's manufacturer for specific instructions. [Copy](#)

Step 1: Will you be using secure voice transport on this device?

Yes - The device must support Transport Protocol version TLS 1.2 [Learn More](#)

No

Step 2: Set TLS on your device's Transport Protocol

Step 3: Enable Offer and Answer on the device's SRTP (Secure Real-Time Transport Protocol)

Step 4: Configure SIP information

Field	Value
SIP Domain	
Remote SIP port	
Local SIP port	
Outbound Proxy	
Outbound Proxy Port	
User Name	
Password	
Authorization ID	

Done

17. Copy the SIP settings for easy reference. Click **Copy**, then paste the settings into a Notepad or any other place for easy reference.

18. Click **Done**.

The following details for the respective subscriber/user are required when configuring the SIP-DECT OMM.

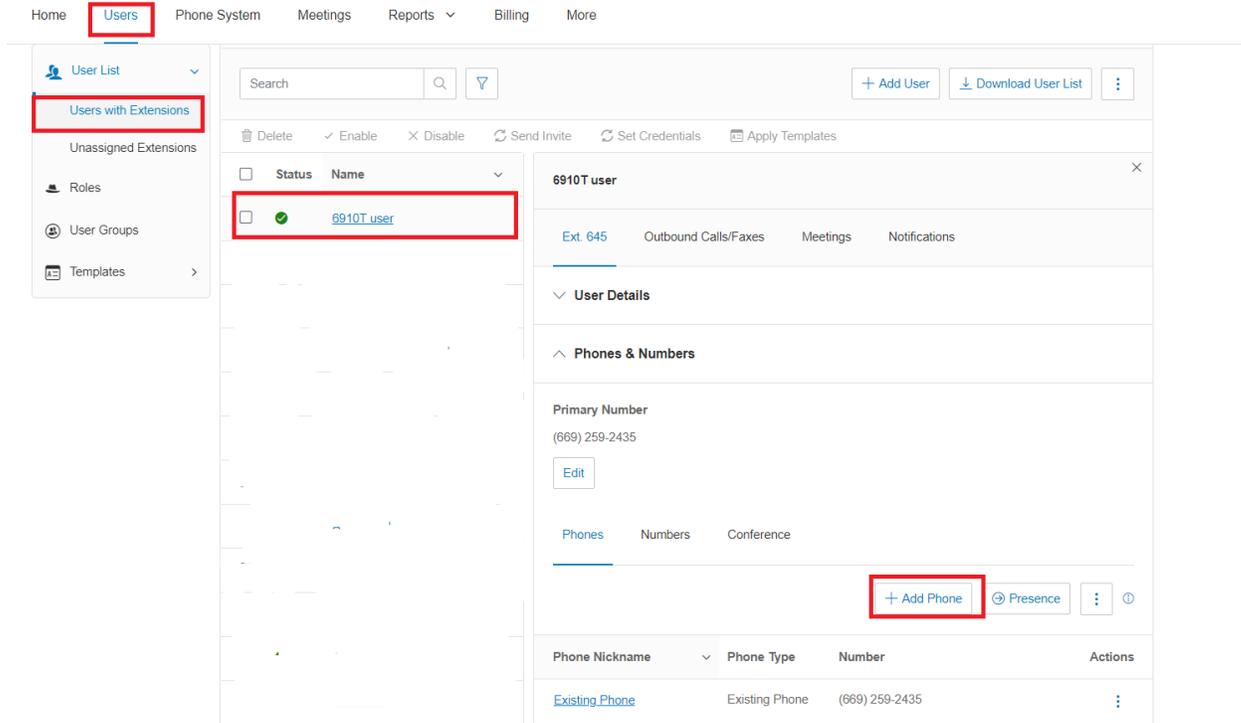
Mitel SIP-DECT System SIP Settings	Ring Central SIP Settings (Setup & Provisioning – Manual Provisioning)
Proxy Server	SIP Domain w/o port
Proxy Port	SIP Domain port
Registrar Server	SIP Domain w/o port
Registrar Port	SIP Domain port
Outbound proxy server	Outbound Proxy
Outbound proxy port	Outbound Proxy Port

Mitel SIP-DECT SIP Users/Devices Settings	Ring Central SIP Settings (Setup & Provisioning – Manual Provisioning)
General settings	
Number/SIP user name	User Name
SIP authentication	
Authentication user name	Authorization ID
Password	Password

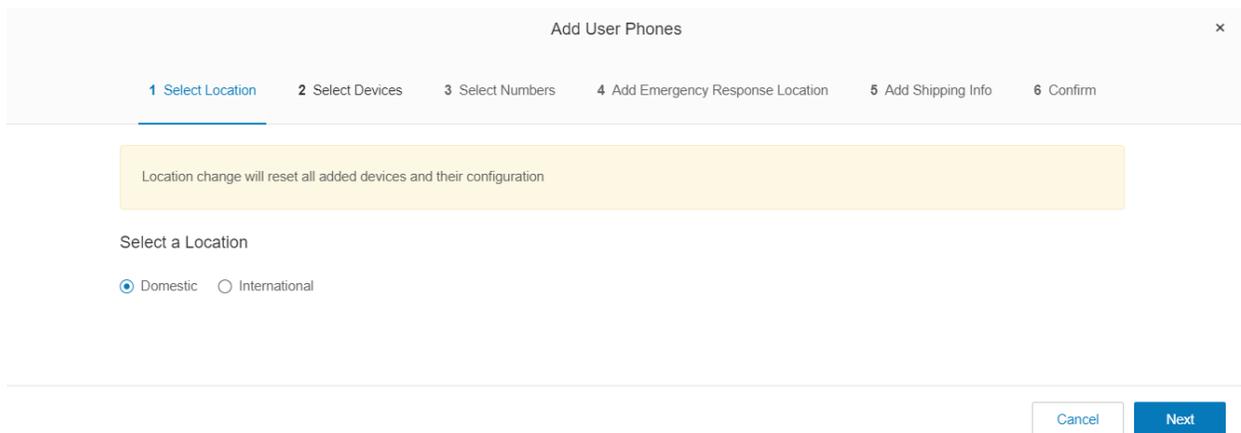
ADD A NEW BYOD PHONE TO AN EXISTING USER

To add a new BYOD phone to an existing User, do the following:

1. Log in as an Administrator to your RingCentral Online Account.
2. Navigate to **Users > User List > Users With Extensions**.
3. Search for the desired user.
4. From the search results, click desired user and expand **Phones & Numbers**.
5. Click **Add Phone**.



6. In the **Add User Phones** window, under the **Select Location** tab, choose either the **Domestic** or **International** radio button. The Domestic or International country location you select will determine which numbers can be assigned to the device.



7. Click **Next**.
8. Under the **Select Devices** tab, click **Other Phones > Existing Phone** and add the required number of phones.

✓ Select Location
2 Select Devices
3 Select Numbers
4 Add Emergency Response Location
5 Add Shipping Info
6 Confirm

MVP Licenses - Domestic DigitalLine Unlimited available: 0

Each device requires a license, if the quantity of devices added exceeds the available license amount, you will be charged for the extra licenses.

Select Devices

Devices Added: 0 Devices

Recently Bought
Desktop Phones
Other Phones



Existing Phone
Price: FREE



RingCentral Phone app
Price: FREE

Qty	Device Name	Device Option
No device added		

Existing Phone ×

Select this option if you have your own unlocked SIP compatible device you'd like to use.

Select from Account
Available in your account: 0

Additional Purchase
Free

9. Click **Next**.
10. Under the **Select Numbers** tab, click **New Number**.
11. Select the **State/Province** and **Area Code**.
12. Select **Existing Phone**.
13. Click **Assign to Selected** to assign a phone number.

Add User Phones ×

✓ Select Location
 ✓ Select Devices
 3 Select Numbers
 4 Add Emergency Response Location
 5 Add Shipping Info
 6 Confirm

Select existing numbers from your account in Number Inventory. You may also select New Numbers if you do not have existing numbers or want to use new numbers from RingCentral.

Number Inventory New Number

State/Province: California Area Code: 209 - Angels Camp

Assign to Selected

	Device	Phone Number	Number Type	Actions
<input checked="" type="checkbox"/>	Device			
<input checked="" type="checkbox"/>	Existing Phone			

Total: 1
Back
Next

14. Click **Next**

15. In the **Add Emergency Response Location** tab, select an emergency address for the device. It's important because if this is not set up, outbound calling will be blocked.

16. Select **Existing Phone**.

17. Click **Assign to Selected** to assign an emergency location.

Add User Phones ×

✓ Select Location
 ✓ Select Devices
 ✓ Select Numbers
 4 Add Emergency Response Location
 5 Add Shipping Info
 6 Confirm

Emergency Response Location

Mitel Sunnyvale - 490 DEGUIGNE DR, STE 200, SUNNYVALE, CA, 94085, United States
New

Assign to Selected

	Device	Phone Number	Emergency Response Location
<input checked="" type="checkbox"/>	Existing Phone	(209) 395-2431	

Total: 1
Back
Next

18. Click **Next**.

19. Under the **Add Shipping Info** tab, select the shipping address.

20. Select **Existing Phone**.

21. Click **Assign to Selected** to assign the shipping address.

Add User Phones ×

✓ Select Location
✓ Select Devices
✓ Select Numbers
✓ Add Emergency Response Location
5 Add Shipping Info
6 Confirm

Select Shipping Address
 20 Davis Drive, Belmont, CA, 94002-3002, United States

▼ Edit New

Attention to
 Something New

Select Shipping Method
 Ground

Assign to Selected ▼

Add Shipping Info to Items (1)

<input checked="" type="checkbox"/>	Product Name	Phone Number	Qty	Actions
<input checked="" type="checkbox"/>	<div style="display: flex; align-items: center;"> <div> Existing Phone New - United States ⓘ </div> </div>	(209) 395-2431	1	Split

Shipping Groups

Shipping Address	Attention to	Shipping Method	Device Qty	Actions
No shipping groups has been created yet.				

Back
Next

22. Click **Next**.

23. Under the **Confirm** tab, confirm the order.

24. Click **Next**.

25. Click **Done**. The new Existing Device is displayed.

26. Under **Actions**, select **Set Up and Provision**.

The screenshot shows the '6910T user' configuration page. On the left, there is a navigation menu with options like 'User List', 'Users with Extensions', 'Unassigned Extensions', 'Roles', 'User Groups', and 'Templates'. The main content area is divided into sections: 'User Details', 'Phones & Numbers', and 'Screening, Greeting & Hold Music'. Under 'Phones & Numbers', there is a table with columns for 'Phone Nickname', 'Phone Type', 'Number', and 'Actions'. The table contains two rows, both labeled 'Existing Phone'. The second row has the number '(209) 395-2431' and a dropdown menu is open next to it, showing options: 'Set Up and Provision', 'Change Phone', and 'Reassign to'. The 'Set Up and Provision' option is highlighted with a red box.

27. In the **Setup & Provisioning** window, under the **Select Device** tab, click **Set up manually using SIP**.

The screenshot shows the 'Setup & Provisioning' window with three tabs: '1 Select Device', '2 Provisioning', and '3 Finish'. The 'Select Device' tab is selected. Below the tabs, there is a section titled 'Select your model to begin' with a search input field containing the placeholder text 'Type brand name or model name to search'. Below the search field, there is a link that says 'Can't find the model? Want to bring your own device? [Set up manually using SIP](#)'. The link is highlighted with a red box. At the bottom right of the window, there are two buttons: 'Cancel' and 'Next'.

28. Click **Next**.

29. In the **Finish** tab, do the following:

- c. Select the **Yes – The device must support Transport Protocol version TLS 1.2** radio button

Note: It is recommended to use TLS 1.2 for security purposes. However, this setting is optional. This setting must be the same for all users using SIP-DECT.

- d. Select the required **Outbound Proxy** value from the drop-down list.

Setup & Provisioning ×

✓ Select Device ✓ Provisioning 3 Finish

Manual Provisioning Copy

To connect your device with RingCentral services, setup your device following the steps below. Configuration for each device may vary, please check with your device's manufacturer for specific instructions.

Step 1: Will you be using secure voice transport on this device?

Yes - The device must support Transport Protocol version TLS 1.2 [Learn More](#)

No

Step 2: Set TLS on your device's Transport Protocol

Step 3: Enable Offer and Answer on the device's SRTP (Secure Real-Time Transport Protocol)

Step 4: Configure SIP information

Field	Value
SIP Domain	10.10.10.10
Remote SIP port	5060
Local SIP port	5060
Outbound Proxy	10.10.10.10
Outbound Proxy Port	5060
User Name	10101010
Password	10101010
Authorization ID	10101010

Done

30. Copy the SIP settings for easy reference. Click **Copy**, then paste the settings into a Notepad or any other place for easy reference.

31. Click **Done**.

PROVISIONING IN MITEL SIP-DECT

Following is a description of how to configure SIP-DECT subscribers and terminals.

PREREQUISITES

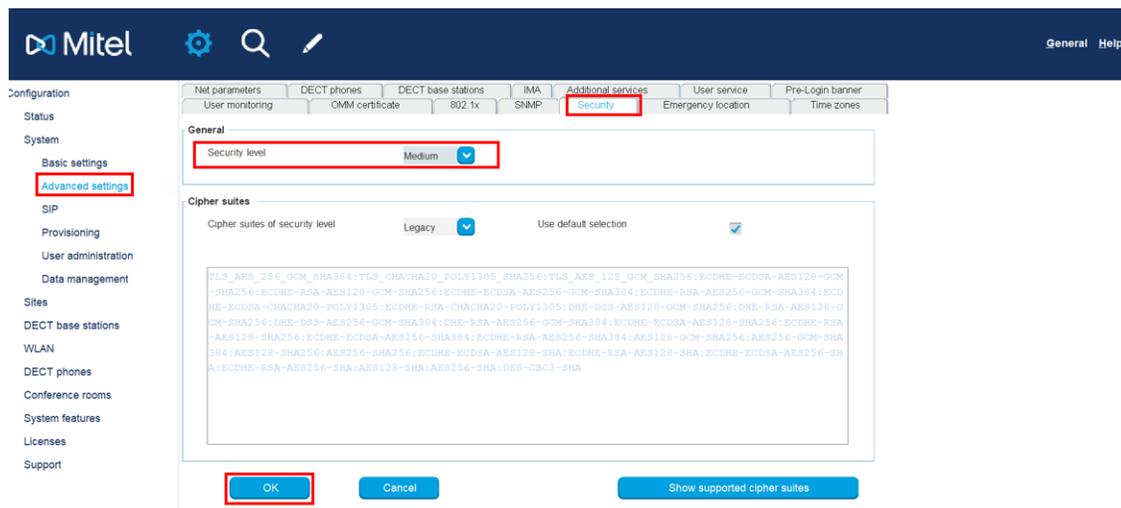
You have SIP-DECT 8.3 SP2 installed and running.

VoIP CONFIGURATION

Following are the steps for provisioning devices in Mitel SIP-DECT.

1. Log in to OM Management Portal (OMP).
2. Navigate to **System > Advanced settings > Security**.
3. Under **General**, select **Medium** as the security level.
4. Click **OK**.

Note: This setting is optional. If you selected TLS 1.2 as **No** in the **Finish** tab of the RingCentral, ignore these steps.



5. Log in to the Open Mobility Manager (OMM) Web Service.
6. Select the **Advanced** option in the top bar.
7. Navigate to **System > SIP**, and enter the following:

Note: Enter the values obtained from **Setup & Provisioning** window of RingCentral.

- a. **Proxy server:** sip.ringcentral.com
- b. **Proxy port:** 5060

- c. **Registrar server:** sip.ringcentral.com
- d. **Registrar port:** 5060
- e. **Globally Routable User-Agent URL:** Off
- f. **Outbound proxy server:** sip20.ringcentral.com
- g. **Outbound proxy port :**5096. If TLS 1.2 is not used, the port is 5090.
- h. **Transport protocol: Persistent:** TLS. If TLS 1.2 is not used, the value is **TCP**.
- i. **Send SIPS over TLS active:** Off. If TLS 1.2 is not used, this setting is optional.

Mitel SIP-DECT 8.3 Advanced DE EN ES FR Logout

Status SIP OK Cancel

System Settings **Basic settings**

Proxy server	sip.ringcentral.com
Proxy port	5060
Registrar server	sip.ringcentral.com
Registrar port	5060
Registration period	3600 sec
Globally Routable User-Agent URL	<input type="checkbox"/>
Outbound proxy server	sip20.ringcentral.com
Outbound proxy port	5096
Transport protocol	TLS
Local UDP/TCP port range	5060 - 5060
Local TLS port range	5061 - 5061

System Settings
Provisioning & Software Update
SIP
User Administration
Time zones
SNMP
DB Management
Event Log
Sites
Base Stations
SIP Users/Devices

Mitel SIP-DECT 8.3 Advanced DE EN ES FR Logout

Status Microphone mute

System Warning tone

System Settings Allow barge in

System Settings Security

Provisioning & Software Update Persistent TLS keep alive timer active

SIP Resistant to keep alive timer 0 sec

SIP Send SIPS over TLS active

User Administration Validate certificates

Time zones Validate hostname

SNMP Trusted certificates(s) 0

DB Management Local certificate chain 0

Event Log Private key

Sites Private key password

Base Stations Password confirmation

SIP Users/Devices Delete certificates/key

WLAN Certificate server

System Features Protocol HTTPS

Licenses Server

Info Port

Support User name

Support Password

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8. Click **OK**.
9. Navigate to **Sites** and edit the site.
10. In the **Configure site** page, for **SRTP**, select **Only**. If TLS 1.2 is not used, the value is **Disabled**.
11. Enable **Wideband Audio G.722** if desired.

Configure site

i When changing site options DECT base stations in this site may be reset.

Site settings

ID

Name

Wideband Audio G.722

S RTP

Enhanced DECT security

Emergency Location Identification Number (ELIN)

12. Navigate to **SIP Users/Devices**.

Mitel | SIP-DECT 8.3 Advanced DE EN ES FR Logout

SIP Users/Devices

System

Base Stations **General**

PARK 1F10347584 (31100723530200)

DECT authentication code

System Features **Subscription**

Auto-create on subscription Auto-create on subscription: ✓

Subscription Subscription allowed: ✓

Wildcard subscription

Create a new SIP User/Device

1 - 4 (4) SIP Users/Devices

Display name	Number/SIP user name	IPEI	Subscribed
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		13891 0020289 7	✓
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		12518 0500393 0	✓
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		11041 0152637 2	✓
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		03586 0760770 8	✓

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13. Under **Create a new SIP User/Device**, click **New**.14. In the **New SIP user** page, enter information for the following:

Note: Enter the values obtained from the **Setup & Provisioning** window of RingCentral

- a. **General settings:**
 - i. **Display name**
 - ii. **Number/SIP user name**
 - iii. **PIN**
- b. **SIP authentication:**
 - i. **Authentication user name**
 - ii. **Password**

iii. Password confirmation

The screenshot shows a web browser window titled "OpenMobility Manager SIP-DECT 8.3SP2-HA16 - Mozilla Firefox" with the URL "https://192.168.2.87/pp_cnf.html?id=1&start=0". The page content is titled "Configure SIP User/Device" and is divided into several sections:

- General settings:** Includes fields for Display name, Number/SIP user name, PIN, User/Device relation, IPEI, DECT authentication code, Login/Additional ID, Delete subscription, SOS number, ManDown number, Voice mail number, and Number used for visibility checks.
- SIP authentication:** Includes fields for Authentication user name, Password, and Password confirmation.
- Use SIP user:** Includes checkboxes for "Use SIP user name" and "Use SIP user authentication", and fields for User name, Authentication name, Password, and Password confirmation.
- Pin/Pass:** Includes fields for Active, PIN, PIN confirmation, and a Timer.

At the bottom of the form, there are "OK" and "Cancel" buttons.

The screenshot shows the Mitel SIP-DECT 8.3 administration interface. The top navigation bar includes the Mitel logo, the product name 'SIP-DECT 8.3', and language options (Advanced, DE, EN, ES, FR) and a Logout button. The left sidebar contains a navigation menu with items like Status, System, Sites, Base Stations, SIP Users/Devices (selected), WLAN, System Features, Licenses, Info, and Support. The main content area is titled 'SIP Users/Devices' and shows configuration options for a device named 'PARK'. It includes fields for 'General' (IF103A7584, (3190723530200)), 'DECT authentication code', 'Subscription' (Auto-create on subscription checked, Subscription allowed checked), and 'SIP User Device' (New, Import, Search buttons). Below the configuration is a table titled '1 - 5 (5) SIP Users/Devices' with columns for Display name, Number/SIP user name, SIP, and Subscribed. The table contains three rows of data.

Display name	Number/SIP user name	SIP	Subscribed
Jane Doe	13462351347	-	-
-	-	13891 0020289 7	✓
-	-	12518 0500393 0	✓
-	-	11041 0152637 2	✓

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SIP-DECT INTERNAL CONFERENCE

To set up internal conference:

1. Log in to your RingCentral online account as an Administrator.
2. Navigate to **Users > Users with Extensions**.
3. Search for your conference phone. In this example, we will use **SIP-DECT Conference Room**.

The screenshot shows the Mitel Admin Portal interface. The top navigation bar includes the Mitel logo, 'Admin Portal', and a user profile icon (LP). The main navigation menu includes Home, Users (selected), Phone System, Meetings, Reports, Billing, and More. The left sidebar contains a navigation menu with items like User List (selected), Users with Extensions (selected), Unassigned Extensions, Roles, User Groups, and Templates. The main content area is titled 'User List > Users with Extensions' and shows a search bar with the text 'conference'. Below the search bar are buttons for '+ Add User', 'Download User List', and a menu icon. The table below the search bar has columns for Status, Name, Number, Ext., Licenses, Roles, Depart..., Msg., and Actions. The table contains one row of data for 'SIP-DECT Conference Room'.

Status	Name	Number	Ext.	Licenses	Roles	Depart...	Msg.	Actions
✓	SIP-DECT Conference Room	(346) 235-1347	651	MVP	Standard (l...	SIP-DECT	0 / 0	⋮

4. Click **SIP-DECT Conference Room** and expand **Phones & Numbers**.
5. Under **Actions**, select **Set Up and Provision**.

Home Users Phone System Meetings Reports Billing More

User List

- Users with Extensions
- Unassigned Extensions
- Roles
- User Groups
- Templates

Status	Name
<input checked="" type="checkbox"/>	SIP-DECT Conference Room

SIP-DECT Conference Room

Ext. 651 Outbound Calls/Faxes Meetings Notifications

User Details

Phones & Numbers

Primary Number
(346) 235-1347
[Edit](#)

Phones Numbers Conference

[+ Add Phone](#) [Presence](#) [⋮](#) [ⓘ](#)

Phone Nickname	Phone Type	Number	Actions
Existing Phone	Existing Phone	(346) 235-1347	⋮

- [Set Up and Provision](#)
- [Change Phone](#)
- [Reassign to](#)

- In the **Setup & Provisioning** window, under the **Select Device** tab, click **Set up manually using SIP**.

Setup & Provisioning

1 Select Device 2 Provisioning 3 Finish

Select your model to begin

Type brand name or model name to search

Can't find the model? Want to bring your own device? [Set up manually using SIP](#)

[Cancel](#) [Next](#)

- Click **Next**.
- In the **Finish** tab, select the **Yes – The device must support Transport Protocol version TLS 1.2** radio button.

Note: It is recommended to use TLS 1.2 for security purposes. However, this setting is optional. This setting must be the same for all users using SIP-DECT.

- Note the values for the following fields:
 - User Name
 - Password

c. Authorization ID

Setup & Provisioning x

✓ Select Device
 ✓ Provisioning
 3 Finish

Manual Provisioning Copy

To connect your device with RingCentral services, setup your device following the steps below. Configuration for each device may vary, please check with your device's manufacturer for specific instructions.

Step 1: Will you be using secure voice transport on this device?

Yes - The device must support Transport Protocol version TLS 1.2 [Learn More](#)
 No

Step 2: Set TLS on your device's Transport Protocol

Step 3: Enable Offer and Answer on the device's SRTP (Secure Real-Time Transport Protocol)

Step 4: Configure SIP information

Field	Value
SIP Domain	http://myringcentral.com:8080
Remote SIP port	8080
Local SIP port	8080
Outbound Proxy	http://myringcentral.com:8080
Outbound Proxy Port	8080
User Name	XXXXXXXXXX
Password	XXXXXX
Authorization ID	XXXXXXXXXX

Done

10. Click **Done**.

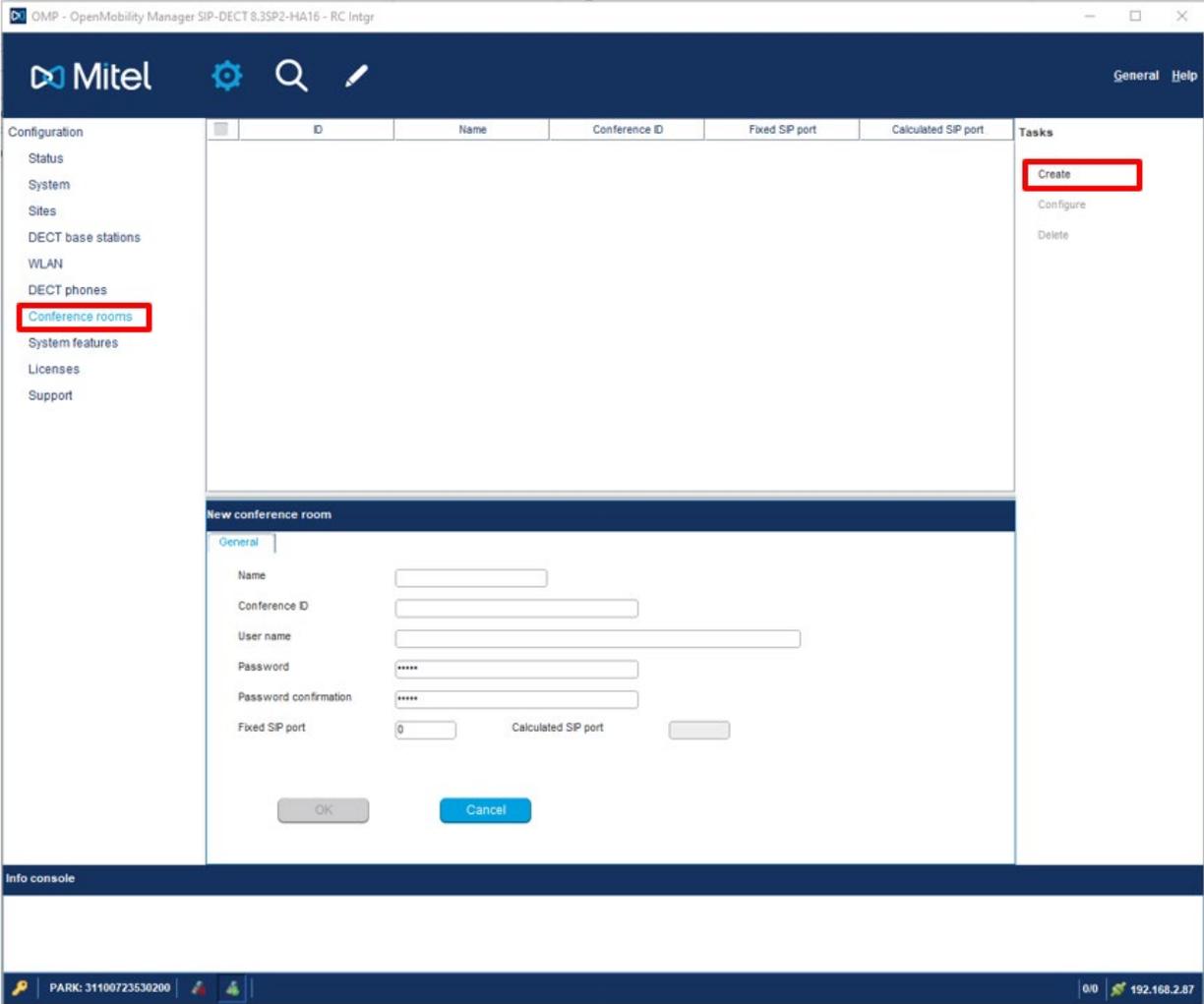
The following details for the respective subscriber/user are required when configuring the SIP-DECT OMM.

Mitel SIP-DECT SIP Conference Room Settings	Ring Central SIP Settings (Setup & Provisioning – Manual Provisioning)
Conference ID	User Name
User name	Authorization ID
Password	Password

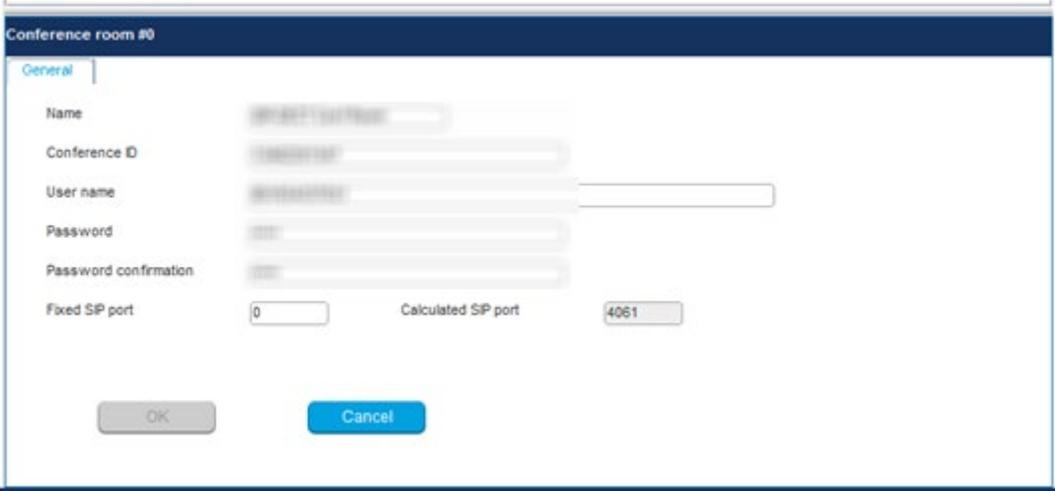
11. Log in to **OMP**.

12. Navigate to **Conference rooms**.

13. Click **Create**.



14. In the General tab, enter the values obtained from the **Setup & Provisioning** window of RingCentral.



15. Click **OK**.

