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Polycom® RealPresence® Mobile Modes of Operation

Polycom® RealPresence® Mobile application has three modes of operation:

- In standalone mode, supports registration and calling with an H.323 gatekeeper and/or a SIP server. It does not require registration with a Polycom provisioning server such as a Polycom® RealPresence® Resource Manager system. In standalone mode, you have direct access to the configuration and settings of.

- In managed mode, registers with a Polycom provisioning server like a RealPresence Resource Manager system. The Polycom provisioning server configures automatically. It also provides access to a centralized directory server. In managed mode, the Polycom provisioning server manages licensing of, so you do not need to purchase an individual license.

- In Cloud service mode, a Service Provider system configures automatically. Once the Cloud service is enabled by the provisioning service, the Cloud Sign-In option is enabled and users can sign-in with their Cloud account, which is normally an email address.
Getting Started with RealPresence Mobile

Topics:

- Get Started with RealPresence Mobile in Standalone Mode
- Get Started with RealPresence Mobile in Managed Mode
- Get Started with RealPresence Mobile in Cloud Service Mode
- Sign Out from the Provisioning Server
- Check Your Connection Status

When first signing into RealPresence Mobile application, you have the following options based on the mode of operation:

- Select Skip sign in when using RealPresence Mobile in standalone mode.
- Select Sign In when using RealPresence Mobile in managed mode.
- Select RealPresence Cloud when you are in a Cloud service environment.

Related Links
Registration Problem on page 33
Cannot Sign into the Provisioning Server on page 33
Send the Log Report on page 32

Get Started with RealPresence Mobile in Standalone Mode

Standalone mode does not require registration with a Polycom provisioning server. You need to configure RealPresence Mobile manually.

Procedure

1. From your device’s Application list, select 📱.
2. Optionally, select the Register with Polycom check box to register your product with Polycom. Your user information, such as your email address, your device type and version, is sent to Polycom. Clear this check box if you do not want to send this information.
3. Enter your corporate email address.
4. Select Next.
5. Select Skip sign in.
Get Started with RealPresence Mobile in Managed Mode

In managed mode, will try to discover the provisioning server from which it will receive its license and get some configuration settings. You use your company account to log into. LDAP search feature is only supported under the managed mode.

Procedure

1. From your device's Application list, select 📱.
2. Enter your email address (usually your corporate email address).
3. Select Next.
4. Optionally, select the Register with Polycom check box to register your product with Polycom. Your user information, such as your email address, your device type and version, is sent to Polycom. Clear this check box if you do not want to send this information.
5. Enter your provisioning server address and select Next.
6. Enter your user name and password.
7. Select Next.

Get Started with RealPresence Mobile in Cloud Service Mode

Once the Cloud service is enabled by your provisioning service, the RealPresence Cloud option is enabled and you can sign in with your Cloud account, which is normally an email address.

Procedure

1. Start RealPresence Mobile and then enable RealPresence Cloud.
2. Enter your User Name and Password, then select Next.

Sign Out from the Provisioning Server

You can sign out from the provisioning server and choose to work in other operation modes.

Procedure

» Select 📱 and then select Sign Out.

Check Your Connection Status

You can check your connection status such as your meeting number and server address by clicking or tapping 📰.
Procedure

» Select ☐ to see connection status information.

If the gatekeeper or server registration fails, ☐ is displayed on the main window. Select ☐ to see more information.
Startup Options

Topics:

- Remember My Startup Choice
- Set Your Startup Preference

By default, the RealPresence Mobile starts up on its home page, showing the following two options:

- **Place a Call**  Make calls or access contacts.
- **Connect to Room**  Connect to a room to share content.

You can let the RealPresence Mobile remember your startup option. You can also change the settings later.

Remember My Startup Choice

The first time you start up the RealPresence Mobile, you can let the application to remember your choice on the home page and bring you directly to the relevant window later.

Procedure

1. After logging in to the RealPresence Mobile for the first time, select **Place a Call** or **Connect to Room** on the home page.
2. When asked **Always start from this page?**, select **Yes**.

Set Your Startup Preference

You can choose one of the following as your startup page:

- **Home Page**  Go to the home page, showing the options **Place a Call** and **Connect to Room**.
- **Place a Call**  Go directly to the calling page.
- **Connect to Room**  Go directly to the room connection page.

Procedure

1. Select 📈.
2. Go to **General > Start up at**:; then select an option.
Configuring Application Settings

Topics:

- Enable or Disable SDP Size Adjustment
- Configure Profile Information
- Configure Profile Photo
- Virtual Business Card
- Answer Incoming Calls Automatically
- Configure Call Rate
- Configure H.323 Settings (Standalone Mode Only)
- Configure SIP Settings (Standalone Mode Only)
- Enable Polycom NoiseBlock

RealPresence Mobile application setting options vary depending on your mode of operation. In standalone mode, you need to configure RealPresence Mobile manually. In managed mode and cloud service mode, a provisioning server configures most of the RealPresence Mobile options automatically.

Enable or Disable SDP Size Adjustment

Enable this feature to shorten Session Description Protocol (SDP) size to avoid call failure caused by SDP size limitation for some users.

Procedure

» Enter #001# from the Dialpad to enable or disable this feature.

Note: When you enable SDP Size Adjustment, video content, FECC, H.264 high profile, RFC2833 for DTMF, and SVC cannot be used.

Enable or Disable SDP Size Adjustment

Enable this feature to shorten Session Description Protocol (SDP) size to avoid call failure caused by SDP size limitation for some users.

Procedure

1. After you start up the application, select Place a Call on the home screen.
2. Enter #001# from the Dialpad to enable or disable this feature.
Configure Profile Information

In standalone mode, if you enable your virtual business card, you can set your personal information, such as name, title, and location, to show to your far end. In managed mode and cloud service mode, this information comes from the provisioning server and is not configurable.

Procedure

1. Select 🔄.
2. Select Profile.
3. Enter your profile information.

In standalone mode, this information displays on your virtual business card.

Related Links

Set Virtual Business Card on page 10

Configure Profile Photo

You can set your profile photo. Meeting participants see this photo when you mute your video in a meeting.

Procedure

1. Select 🔄.
2. Select Profile.
3. Tap the photo area to take a photo or choose a photo.

Virtual Business Card

You can enable your virtual business card to show your personal information, such as name, and title, to far-end participants.

Your virtual business card is unavailable in the following situations:

- When you are in an SVC multi-point call
- When your microphone is muted
- When your screen resolution is lower than 180p

Set Virtual Business Card

In standalone mode, if you enable virtual business card, you can set your personal information, such as name and title, to show to your far end. In managed mode, if you enable virtual business card, your profile
information comes from the provisioning server. During the meeting, these information appears together with your video or your photo when you are speaking in a meeting.

**Procedure**

1. Select 📅.
2. Select Profile > Virtual Business Card.

**Related Links**

Configure Profile Information on page 10

---

## Answer Incoming Calls Automatically

You can specify whether to answer incoming calls automatically, and select whether to mute your video or audio for these automatically answered calls. If you mute your video or audio for automatically answered calls, you can turn them on using the in-call toolbar anytime during the call.

**Procedure**

1. Select 📅.
2. Select Auto-answer > Enable Auto-answer.
3. To enable the system to answer calls without turning on the microphone, select Audio mute.
4. To enable the system to answer calls without turning on the camera, select Video mute.

---

## Configure Call Rate

The call rate acts as a limit on the maximum rate at which a call will connect. If the far end imposes a lower rate, then the lower rate will be the one in effect. The call rate impacts both incoming and outgoing calls.

**Procedure**

1. Select 📅.
2. Do one of the following:
   - To select the call rate to use for calls on a WLAN network, select WLAN Call Rate and select an option.
   - To select the call rate to use for calls on a 3G or 4G network, select 3G/4G Call Rate and select an option.

**Related Links**

Poor Video Quality on page 31
Share Content During a Call on page 26
I Cannot Find the Content Button on page 33
Configure H.323 Settings (Standalone Mode Only)

To make calls in standalone mode, you must configure either H.323 or SIP settings manually.

Procedure

1. Select.

2. Select H.323 Settings > Enable H.323 Calls.

3. To register your system to a gatekeeper, select Gatekeeper Registration and configure the gatekeeper:
   - **Gatekeeper Choice** and chose an option:
     - **Internal Gatekeeper** Enter the IP address or FQDN of the internal gatekeeper. Example formats are 10.11.12.13 or gatekeeper.company.com.
     - **External Gatekeeper** Enter the IP address or FQDN of the external gatekeeper. Example formats are 10.11.12.13 or gatekeeper.company.com.
   - **H.323 Name** Enter the name to display to the far site during calls. Your organization's dialing plan may define the names you can use for enterprise net.
   - **H.323 Extension** Enter the number that gatekeepers use to identify this system. Your organization's dialing plan may define the numbers you can use for enterprise net.

Configure SIP Settings (Standalone Mode Only)

To make SIP calls, you must configure SIP settings manually in standalone mode.

**Note:** If you use a Polycom DMA server as the SIP server, leave the Domain field empty. If you use a third-party SIP server, enter the domain name for authentication with the registrar server.

Procedure

1. Select.

2. Select SIP Settings > Enable SIP Calls.

3. To register your system to a SIP server, select SIP Registration and configure the SIP server:
   - **SIP Proxy Server** Enter the IP address or FQDN of the SIP proxy server.
   - **Domain** Enter the domain name for authentication with SIP registrar server.
   - **SIP User Name** Enter the user name for authentication with a registrar server.
   - **Authorization Name** Enter the name to use for authorization when registering with a SIP registrar server.
   - **SIP Password** Enter the passcode for authentication with a registrar server.

4. To choose a protocol for SIP signaling, select an option under Transport Protocol:
   - **TCP** For reliable transport.
   - **UDP** For best-effort transport.
Enable Polycom® NoiseBlock™

You can enable Polycom® NoiseBlock™ to mask percussive sound (such as tapping and hands clapping) when no one is talking in a meeting.

Procedure

1. Select ☐.

2. Select Advanced > Enable NoiseBlock.
Provisioning with a BroadSoft Device Management Server

Topics:

▪ **Set Up BroadSoft Device Management Server to Provision RealPresence Mobile**

In standalone mode, RealPresence Mobile can register to a BroadSoft Device Management Server to use provisioned features. LDAP search is not supported when using this option.

**Set Up BroadSoft Device Management Server to Provision RealPresence Mobile**

To configure the BroadSoft Device Management Server for provisioning RealPresence Mobile, the BroadSoft Device Management administrator needs to pay attention to the following steps.

**Procedure**

1. **Review the sample file named ProvisionData-template.xml released with RealPresence Mobile.** The file *ProvisionData-template.xml* is published on Polycom Support.

2. Decide what is to be provisioned in the customer deployment.

3. Create your RealPresence Mobile provisioning template by defining the customer TAG set and assigning default values to each customer TAG.

4. When adding a new Device Profile Type for RealPresence Mobile in the BroadSoft Device Management system, set the parameters to the values as follows:
   - **Set Device Access Context Name** to dms.
   - **Set Device Access URI** to POLYCOM/RPM.
   - Use the customer TAG set that you defined as **Default System Tag Set** and **Tag Set**.

5. When adding a new Device Profile Type file for the new created iDevice Profile Type, set the parameters to the values as follows:
   - **Set Device Access File Format** to ProvisionData.xml.
   - **Set Repository File Format** to ProvisionData-%BWLOGIN-ID-1%.xml.
   - **Set File Category** to Dynamic Per-Device.
   - **Set File Customization** to Administrator and User.

After creating this Device Profile Type file, create a device profile for it.

6. When adding or editing existing users for RealPresence Mobile:
   - **Choose Use Custom Credentials** in the Authentication panel. The custom credentials will be the sign-in credentials for RealPresence Mobile.
   - Bind the created device profile to the user account.

If necessary, you can specify the Custom TAGs of the user account for the provisioning. The new values will overwrite the default values specified in the template *ProvisionData.xml* file.
After the configuration is done and the SRV record _dmsconfig_tcp is set on the DNS server properly, RealPresence Mobile can detect the provisioning server automatically using users’ emails. Users can also specify the server when signing into RealPresence Mobile. RealPresence Mobile assumes each BroadSoft user has its specific provisioning data. If a user signs into RealPresence Mobile on multiple devices with the same user account, all the devices will get the same provisioning data.
Call Management

Topics:

▪ Access Calling Features
▪ Call by Entering a Number
▪ Call from the Corporate Directory
▪ Call from Local Address Book
▪ Answer a Call
▪ Reject an Incoming Call
▪ End a Call
▪ Control Meeting Using the In-call Toolbar
▪ Call Icons
▪ View Recent Calls
▪ Call from Recent Calls List
▪ Clear Recent Calls List
▪ Change the Video Layout

Using RealPresence Mobile, you can place and receive point-to-point calls. You can also join multipoint calls hosted by multipoint conferencing systems, such as Polycom® RealPresence® Collaboration Server products, and by endpoints with multipoint capabilities, such as Polycom® RealPresence® Series systems.

You can call contacts from your recent calls list or enter the contact numbers manually. If you register to a provisioning server, you can call contacts from your corporate directory. During a call, use the in-call toolbar to control your video, volume, and camera.

**Note:** Participating in a video call in a 3G or 4G network requires sending and receiving large amounts of data. Be sure that your service plan allows a sufficient level of data transfer to support video calling.

---

Access Calling Features

To place calls, manage contacts, or access recent calls list, you must select **Place a Call** on the home page.

**Procedure**

» On the home page, select **Place a Call**.

Call by Entering a Number

You can use any of the following phone number formats to place a call:
Call Management

- 2555: SIP user name, E.164 extension for H.323
- stereo.polycom.com: FQDN name
- user@domain.com: SIP_username@domain.com
- 0.11.12.13##1234:signaling IP##conference ID for H.323
- 1234@10.11.12.13: SIP user name@IP address
- 10.11.12.13: IP address

Procedure
1. Select , and then enter a phone number.
2. Select the call type, SIP or H.323.
3. To enter an extension or passcode, select .
4. Select to start the call.

Call from the Corporate Directory
LDAP service is enabled in managed mode. You can find and call contacts in the corporate directory.

Note: Ongoing Corporate Directory Search Cannot Be Canceled
After you enter a key word and start to search contacts, you cannot cancel this operation.

Procedure
1. Select .
2. Select Directory.
3. Enter part or all of name of the person to call, and then select Search.
4. Select the contact name from the search results.
5. Select the device name that you want to call.
6. Select Place Call (H.323) or Place Call (SIP). If you cannot find the option Place Call (H.323) or Place Call (SIP), the contact may have no H.323 extension or SIP URI configured. Contact your IT administrator.

Call from Local Address Book
You can call contacts saved in your Local Address book.

Procedure
1. Select , then select Local.
2. Select the contact name from the contacts list.

3. Select **Place Call (H.323)** or **Place Call (SIP)**. If you cannot find the option **Place Call (H.323)** or **Place Call (SIP)**, the contact may have no H.323 extension or SIP URI configured. Contact your IT administrator.

**Answer a Call**

You can answer incoming calls if you didn’t set answering calls automatically.

**Note:** Incoming call notification is displayed only when RealPresence Mobile is the active application.

**Procedure**

» Select **Answer**.

**Reject an Incoming Call**

You can reject incoming calls if you didn’t set answering calls automatically.

**Procedure**

» Select **Decline**.

**End a Call**

You can end an ongoing call.

**Procedure**

» Select **End Call**.

**Control Meeting Using the In-call Toolbar**

During a call, you will see the in-call toolbar on the bottom of the screen. Use the in-call toolbar to access additional features of the application.

**View Network Call Statistics**

During a call, you can view call statistics such as call type, call rate, and call protocol.

**Procedure**

» On the lower-left of your screen, select **Network Call Statistics**.

The **Network Call Statistics** icon changes according to your network signal strength.
Show or Hide Local Self-View
You can show or hide your own video stream in the meeting window during a meeting. Showing or hiding your video does not mute your video stream to other participants.

Procedure
» Select 📹 or 📷 to hide or show your self-view.

Switch Between Front and Rear Camera
You can switch between your mobile device’s front and rear cameras during a meeting.

Procedure
1. Select 📷 to switch to your rear camera.
   The icon changes to 📷 to indicate that you are using the rear camera.
2. To switch back to the front camera, select 📹.
   The icon changes to 📹 to indicate that you are using the front camera.

Pause or Start Your Video
When you mute your video or join a meeting without a camera, your video stream is replaced with your profile picture (if set), or a placeholder picture.

Procedure
1. Select 🔴 or ● to pause or start your video.

Mute or Unmute Your Microphone
You can mute your microphone when you don’t want to speak in a meeting.

Procedure
» Select 🔊 or 🔈 to mute or unmute your speaker.

Adjust Your Speaker Volume
You can adjust your speaker volume or mute it.

Procedure
» Do one of the following:
   ◦ To adjust your speaker volume, select 🔊 and then drag the slide bar that appears.
   ◦ To mute your speaker, select 🔈.
      The icon changes to 🔊 to indicate that the loud speaker is muted.
Far End Camera Control

If you are the chairperson, you can use Far End Camera Control (FECC) to control a far-end participant’s camera.

FECC is available only when the following requirements are met:

- FECC is enabled in your RealPresence Collaboration Server conference profile.
- Chairperson passcode is set for the meeting.
- The meeting is an H.323 AVC call.
- At least one of your far-end participants have a PTZ camera and his or her endpoint supports FECC.

Control the Far-End Camera

A chairperson can access the DTMF menus to control other far-end PTZ cameras.

Procedure

1. At the bottom of the screen, select [ ]
2. Select [ ]
   - The DTMF controls appear.
3. Select [ ] or [ ] to activate the DTMF main menu.
4. Select [ ] or [ ] to highlight Camera Control, then select [ ] or [ ] to select the option.
5. Select [ ], [ ] or [ ] to select a target participant.
6. Select [ ] to zoom out, or [ ] to zoom in.

Hide or Show More In-call Controls

You can hide the in-call controls that you have enabled.

Procedure

» Select [ ].

Call Icons

The following table explains call icons.

<table>
<thead>
<tr>
<th>Icons</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✉️</td>
<td>Incoming calls</td>
</tr>
<tr>
<td>📞</td>
<td>Outgoing calls</td>
</tr>
<tr>
<td>🕉️</td>
<td>Missed calls</td>
</tr>
</tbody>
</table>
**Icons** | **Description**
--- | ---
![Poor network connection](image1) | Poor network connection
![Unstable network connection](image2) | Unstable network connection
![Good network connection](image3) | Good network connection
![Number of audio-only participants](image4) | Number of audio-only participants.
![Number of video enabled participants](image5) | Number of video enabled participants

**View Recent Calls**
The application stores details about the most recent calls placed and received.

**Procedure**
1. Select ![Select](image6)
2. Select the call that you want to review.

**Call from Recent Calls List**
Your recent calls list can hold up to 100 entries.

**Procedure**
» Select ![Select](image6) and then select an entry to call.

**Clear Recent Calls List**
You can delete call history entries.

**Procedure**
» Do one of the following:
  - To clear all recent calls, select ![Clear](image7), and then tap Yes.
  - To delete one recent call entry, swipe left on the desired entry, and then select Delete.

**Change the Video Layout**
You can change the video layout in a call hosted by the Polycom RealPresence Collaboration system.
Procedure

1. Select  and select  .
2. To display the layout options, select the asterisk (*) twice. You are connecting to the Polycom RealPresence Collaboration virtual meeting room.
3. Select the number that corresponds to the layout that you want to use.
Managing Contacts

Topics:

- Access Contacts
- Add Contact to Local Address Book
- Contact Information
- Add Contacts from the Corporate Directory to Your Local Address Book
- Edit a Contact in Your Local Address Book
- Search for a Contact
- Delete a Contact

The RealPresence Mobile application enables you to access contacts from two sources.

- The application manages a local directory that is available in both standalone and managed modes.
- When deployed in managed mode, the application enables you to access and search a corporate directory that is hosted by the administrator. This directory uses an LDAP interface.

The device displays a list of the 100 most recent contacts and other local contacts that fit on the screen.

Access Contacts

To place calls, manage contacts, or access recent calls list, you must select Place a Call on the home page.

Procedure

» On the home page, select Place a Call.

Add Contact to Local Address Book

You can add contacts to your local address book, and edit the contact information.

Procedure

1. Select \( \text{F3} \). Then select Local and select \( \text{F3} \).
2. Specify the contact information.
3. Only the display name is required. However, you must enter at least one of following before you can call this contact:
   - H.323 Extension
   - H.323 Name
   - SIP URI
4. select Save
Contact Information

The following table describes the contact information fields.

<table>
<thead>
<tr>
<th>Fields</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Name</td>
<td>Name you use to identify the contact. The display name appears only on your screen, so it can be any name that is meaningful to you.</td>
</tr>
<tr>
<td>Title</td>
<td>Contact's job title.</td>
</tr>
<tr>
<td>Phone</td>
<td>Contact's phone number.</td>
</tr>
<tr>
<td>Email</td>
<td>Contact's email address.</td>
</tr>
<tr>
<td>Location</td>
<td>Contact's location.</td>
</tr>
<tr>
<td>H.323 Extension</td>
<td>Enter the number that gatekeepers use to identify this system. Your organization's dialing plan may define the numbers you can use for enterprise net.</td>
</tr>
<tr>
<td>H.323 Name</td>
<td>Enter the name to display to the far site during calls. Your organization's dialing plan may define the names you can use for enterprise net.</td>
</tr>
<tr>
<td>SIP URI</td>
<td>SIP URI of the system.</td>
</tr>
</tbody>
</table>

Add Contacts from the Corporate Directory to Your Local Address Book

You can add contacts from your corporate directory to local address book to access them quickly.

Procedure

1. Select and then select Directory.
2. Select Directory.
3. Enter part or all of name of the contact to search.
4. Select the contact name from the search results.
5. Select the device name of the contact.
6. Select , then select . Then select Add.

Edit a Contact in Your Local Address Book

You can edit contact information after you create it.
**Note:** If you re-add a contact from your corporate directory to your local address book, your edits will be lost.

---

**Procedure**

1. Select 📞, then select Local.
2. Select the contact number you want to edit.
3. Select Edit.
4. Edit the contact information.
5. Select Save

**Search for a Contact**

When you search in your corporate address book or local address book, only the people and endpoints that can be called from are returned. You can enter a part of a key word to do the search.

**Procedure**

1. Select 📞, then select Local.
2. Enter part or all of name of the contact to search.

**Delete a Contact**

You can delete contacts from your local address book.

**Procedure**

1. Select 📞, then select Local.
2. Select the contact that you want to delete.
3. Select Edit > Delete Contact > Delete.
Sharing Content

Topics:

- Share Content During a Call
- Sharing Content and Adding Annotations
- Whiteboard and Blackboard Tools

You can send content to others in the call. You can save desired files to share in either local device, or use Dropbox.

Related Links
Using Polycom SmartPairing on page 28
Share Your Monitor or Application with the Paired System on page 28
Sharing Content and Adding Annotations on page 26
Whiteboard and Blackboard Tools on page 27

Share Content During a Call

You can share content to your far end during a call.

Procedure

1. Optional: Select Connect to Room > Share Content.
2. Select the content to be shared. You can select the following content:
   - Local Documents Select a local file from your device.
   - Photos Select a photo from your device.
   - Website Type a URL that you want to share in the address bar.
   - Dropbox Select a file from your Dropbox files.
   - Whiteboard Open an empty whiteboard.
   - Blackboard Open an empty blackboard.
3. Select Stop Sharing to stop sharing when you are done.
4. Select Back to end the connection to the paired device.

Related Links
I Cannot Find the Content Button on page 33
Configure Call Rate on page 11

Sharing Content and Adding Annotations

Using the whiteboard feature, you can draw on your iPad screen with your finger or a stylus. After you select Share Content in a call, you can add annotations on your shared content using the whiteboard.
tools. Shared content can be a shared PDF file, Word file, Excel file, PowerPoint presentation, shared photo, or shared web page. You can also draw on a blank whiteboard or blackboard.

When RealPresence Mobile is not in a call, you can send content (such as pictures, PDFs, whiteboard, or blackboard) or share annotations to a paired Polycom HDX or RealPresence Group Series system.

**Related Links**
- Share Your Monitor or Application with the Paired System on page 28
- Whiteboard and Blackboard Tools on page 27
- Sharing Content on page 26

### Whiteboard and Blackboard Tools

Using the whiteboard feature, you can draw on your iPad screen with your finger or a tap pen. RealPresence Mobile provides the whiteboard tools shown in the following table.

<table>
<thead>
<tr>
<th>Icons</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🖌️</td>
<td>Pen  Choose a pen type and line thickness.</td>
</tr>
<tr>
<td>🖌️</td>
<td>Color palette Select a color to apply to your pen.</td>
</tr>
<tr>
<td>🗿️</td>
<td>Eraser  Erase any annotations that you made.</td>
</tr>
<tr>
<td>🔄️</td>
<td>Undo  Undo your drawing actions.</td>
</tr>
<tr>
<td>📸️</td>
<td>Save  Save the content in your iPad Photo folder.</td>
</tr>
<tr>
<td>🗿️</td>
<td>Clear all  Clear all your annotations.</td>
</tr>
</tbody>
</table>

**Related Links**
- Share Your Monitor or Application with the Paired System on page 28
- Sharing Content and Adding Annotations on page 26
- Sharing Content on page 26
Using Polycom® SmartPairing™

Topics:

- Share Your Monitor or Application with the Paired System
- Call from Polycom HDX or RealPresence Group Series System
- Delete a Paired Device from Recent Connections List
- Transfer Call to Paired Polycom HDX or RealPresence Group Series System
- Use Your Device as the Paired System’s Remote Controller

You can pair your device with a Polycom HDX or RealPresence Group Series system using Polycom® SmartPairing™ to perform the following tasks:

- Share your monitor or application with the paired system  You can share your monitor or application with paired Polycom HDX or RealPresence Group Series systems.
- Use your device as the paired system’s remote controller  You can control the paired Polycom HDX or RealPresence Group Series system (for example, place a call, adjust the call volume or end the call) using your application.

You need to enable the SmartPairing feature and Telnet on the paired HDX or RealPresence Group Series systems for this feature to operate.

Related Links
Sharing Content on page 26

Share Your Monitor or Application with the Paired System

You can share your monitor or application with paired Polycom HDX or RealPresence Group Series systems.

You can add annotations on any shared content, such as a PDF file or a photo, using the whiteboard tools. You also can open an empty whiteboard.

Procedure

1. Select Connect to Room and then select Share Content.
2. Select a device from the Recent Connections list. You also can enter a device address in the Manual Pairing field.
3. Enter a pairing passcode if needed.
4. Select the content to be shared. You can select the following content:
   - Local Documents  Select a local file from your device.
   - Photos  Select a photo from your device.
   - Website  Type a URL that you want to share in the address bar.
   - Dropbox  Select a file from your Dropbox files.
   - Whiteboard  Open an empty whiteboard.
• **Blackboard**  Open an empty blackboard.

5. Select **Stop Sharing** to stop sharing when you are done.

6. Select **Back** to end the connection to the paired device.

**Related Links**
- [Sharing Content and Adding Annotations](#) on page 26
- [Whiteboard and Blackboard Tools](#) on page 27
- [Sharing Content](#) on page 26

---

**Call from Polycom HDX or RealPresence Group Series System**

You can use the RealPresence Mobile as a remote control to place calls from Polycom HDX or RealPresence Group Series System.

To delete a paired device from the **Recent Connections** list, wipe the item and tap **Delete**.

**Procedure**

1. From the top menu, select **Connect to Room** and then select **Room Control**.
2. Select a device from the **Recent Connections** list. You also can enter a device address in the **Manual Pairing** field.
3. Enter a pairing passcode, if requested. After paired with the desired device, select 
4. Enter a number from the soft keyboard on the right.
5. Select **Call**.

---

**Delete a Paired Device from Recent Connections List**

You can delete a paired device from recent connection list.

**Procedure**

- Swipe the item and select **Delete**.

---

**Transfer Call to Paired Polycom HDX or RealPresence Group Series System**

You can transfer call to paired Polycom HDX or RealPresence Group Series System with the Swap Call icon. This icon appears when the system is paired to Polycom HDX or RealPresence Group Series systems.

**Procedure**

1. During a call, select [ ] on the bottom of the screen. The [ ] moves to the middle of the screen.
2. Flip ⬆ upward to transfer the call to the Polycom HDX or RealPresence Group Series system. If you do not want to transfer a call, flip ⬇ downward.

3. If more than one device appears, select the one you want. The call is disconnected from your RealPresence Mobile application and is transferred to the selected Polycom HDX or RealPresence Group Series system.

   If the call transferring fails, the call will be redirected to your RealPresence Mobile application.

Use Your Device as the Paired System’s Remote Controller

You can control the paired Polycom HDX or RealPresence Group Series system (for example, place a call, adjust the call volume or end the call) using your application.

Procedure

1. Use the in-call toolbar to control calls on the paired Polycom HDX or RealPresence Group Series system.

2. Use the following options to control calls on the paired device.

   - **Content** Share your content with the paired device. You can select either a monitor or an application to share.
   - **Place a call** Enter a desired number on the dialpad to place a call on the paired device.
   - **Mute** Mute or unmute the call.
   - **Volume** Adjust the call volume.
   - **DTMF** Open the DTMF keypad to enter a passcode.
   - **Hang up** End the call from the paired device.

   You can also enter a DTMF passcode using your keyboard without showing the DTMF keypad during a call.

3. Select the **Unpair** button to end the control.
Troubleshooting

Topics:

- Force the RealPresence Mobile Application to Close
- Poor Video Quality
- Video Unavailable
- Audio Only in SVC Call
- Noisy Far-End Audio
- Cannot See Far-End Content
- Unable to Place a Call
- Send the Log Report
- Directory Search Cannot Stop
- Cannot Sign into the Provisioning Server
- Registration Problem
- I Cannot Find the Content Button

If you’re having problems, try the troubleshooting tips below first.

**Force the RealPresence Mobile Application to Close**

If the RealPresence Mobile doesn’t respond, you can force stop it if necessary.

**Procedure**

» Double-tap the Home button, and swipe the RealPresence Mobile up to close this application.

**Poor Video Quality**

Try the call again using a lower call rate.

You can also set up a private wireless network with a private key for the RealPresence Mobile application:

1. From the Applications list, select **Settings > WLAN**.
2. Choose your private wireless network.
3. Enter your user name and password, and select **Join**.

**Related Links**

[Configure Call Rate](#) on page 11
Video Unavailable
If you don’t have video during the call, ensure that you are connected to a mobile network and registered to a provisioning server. Then try the call again.

Audio Only in SVC Call
When you dial into an SVC call and set the line rate to 1024 kbps or above, ensure that you use call rate higher than 128 kbps. Otherwise you can only get audio in the call.

Noisy Far-End Audio
If the audio is noisy in calls from one device to another, check whether the two devices are near to each other. If yes, ask one of them to mute the audio.

Cannot See Far-End Content
If you cannot see the content shared by the far end, make sure that your RealPresence Mobile software version supports using a provisioning service and that you are registered with a provisioning server.

Unable to Place a Call
If you cannot place calls, check the following:
- Check whether your WLAN connection is lost. If so, turn off the WLAN, and then turn it on again.
- Wait three minutes or longer, and then turn off the gatekeeper or SIP registration. Then turn it on again.
- Check whether your far end has a connection problem.

Send the Log Report
Viewing the log file is helpful in determining the causes and solutions of problems. You can send the log file to your email address to view later.

Note: You need to configure the default email account on your device used to send logs.

Procedure
- Select Diagnostics > Send the log report.

Related Links
Getting Started with RealPresence Mobile on page 5
Registration Problem on page 33
Cannot Sign into the Provisioning Server on page 33
Directory Search Cannot Stop

If you switch networks during directory search, the search may not stop. To stop the search, you need to force close RRealPresence Mobile.

Cannot Sign into the Provisioning Server

If you cannot sign into the provisioning server, check the following:

▪ Make sure the provisioning server address is correct.
▪ The DNS server may be unable to resolve your domain name. Contact your network administrator for help.
▪ Check your network connection.

Related Links
Getting Started with RealPresence Mobile on page 5
Registration Problem on page 33
Send the Log Report on page 32

Registration Problem

If you have registration problems, check the following

▪ Check whether your WLAN connection is lost. If so, turn off the WLAN, and then turn it on again.
▪ Wait three minutes or longer, and then turn off the gatekeeper or SIP registration. Then turn it on again.
▪ Change the H.323 name and H.323 extension and then register again.
▪ Force close the AT&T Business Video application (if applicable) and then try again.
▪ If the registration fails when you are signed into a provisioning server, sign out and then sign in again.

Related Links
Getting Started with RealPresence Mobile on page 5
Cannot Sign into the Provisioning Server on page 33
Send the Log Report on page 32

I Cannot Find the Content Button

Your call rate is too low to support content sending or receiving. Disconnect, increase your call rate in Settings, and re-dial.

Your conference hosting server, the Polycom® RealPresence® Collaboration Server, sets the minimum call rate for each content video type. Contact your system administrator for more information.

Related Links
Share Content During a Call on page 26
Configure Call Rate on page 11
Encryption Information

This table lists Polycom® RealPresence® Mobile features and functionalities that are encrypted, including the protocol used and cipher suites supported.

<table>
<thead>
<tr>
<th>Application</th>
<th>Encryption Function</th>
<th>Description</th>
<th>Protocol Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>H.323 Media Encryption</td>
<td>Authentication</td>
<td>End-to-end encryption of H.323 videoconferencing media (audio, video) between product and far-end conference peer</td>
<td>RTP per H.235.1/H.235.6</td>
</tr>
<tr>
<td></td>
<td>Integrity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIP Media Encryption</td>
<td>Authentication</td>
<td>End to end encryption of SIP videoconferencing media (audio, video) between product and far-end conference peer</td>
<td>SRTP per RFCs 3711, 4568, 6188</td>
</tr>
<tr>
<td></td>
<td>Integrity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIP Authentication</td>
<td>Authentication</td>
<td>Provides authentication of the product’s SIP user agent credentials to the SIP Proxy/Registrar</td>
<td>Digest (RFC 2617)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>NTLMv2</td>
</tr>
<tr>
<td>LDAP Directory Client</td>
<td>Authentication</td>
<td>Allows product to retrieve enterprise directory entries from a Microsoft Active Directory-compatible server over an encrypted TLS channel</td>
<td>TLS 1.2, 1.1, 1.0</td>
</tr>
<tr>
<td></td>
<td>Integrity</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Confidentiality</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIP Signaling Channel Client</td>
<td>Authentication</td>
<td>Allows product to register to a SIP registrar/proxy server to access videoconferencing call services over an encrypted TLS channel</td>
<td>TLS 1.2,1.1,1.0</td>
</tr>
<tr>
<td></td>
<td>Integrity</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Confidentiality</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RPRM Management Client</td>
<td>Authentication</td>
<td>Allows product to register with the Polycom RealPresence Resource Manager management server to obtain product provisioning and monitoring services over an encrypted TLS channel</td>
<td>TLS 1.0, 1.1, 1.2</td>
</tr>
<tr>
<td></td>
<td>Integrity</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Confidentiality</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XMPP Client</td>
<td>Authentication</td>
<td>Allows product to post its current presence state to a configured XMPP server and obtain presence information for other users/devices from the XMPP server, using an encrypted TLS channel</td>
<td>TLS 1.0,1.1,1.2</td>
</tr>
<tr>
<td></td>
<td>Integrity</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Confidentiality</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: XMPP chat service is not supported by the product.