



Cisco TelePresence
Profile Series
Codec C-series
Quick Set C20
SX20 Quick Set
MX200
MX300

TC6.3

User Guide

D14582.16 User Guide Cisco TelePresence
Profile Series, Codec C Series, Quick Set C20,
SX20 Quick Set, MX200, MX300
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What's in this guide



Getting up and going

Best practice	4
A tour of the touch screen.....	5
Using self-view to adjust the camera	6
Adding a camera preset	7
Editing an existing camera preset	8
Ringtones.....	9
Logging onto a system with your own credentials	10

Video meetings

Placing a call using name, number or address.....	12
Calling contacts	13
Adding an entry to Favorites, before placing the call	14
Editing an entry, before placing a call.....	15
Changing the call rate, before placing a call	16
Removing entries in the History list, before placing a call...	17
Receiving a call.....	18
Being in a call, receiving another call	19
Transferring a call to someone else	20
In call with two parties, but one at a time.....	21
Shared lines.....	22
Touch tones (DTMF) in a call.....	23
Obtaining more information about the participants	24
Adding the other party to Favorites, while in a call.....	25
Controlling your own camera in a call	26
Controlling the camera of the other participant.....	27
Moving the self-view PiP.....	28

Video Conferencing

Creating a video conference	30
Calling more than one using MultiSite	31
Calling more than one using Multiway or CUCM.....	32
Being in a call, receiving another call	33
Layout control in a call.....	34
Invoking a list of participants and their status.....	35
Disconnecting someone from the conference.....	36
Lock as speaker—remaining the prominent speaker.....	37
Adding one of the participants to Favorites.....	38
Controlling the camera of one of the other participants.....	39

Sharing Content

Starting and stopping a presentation	41
Changing the layout.....	42

Scheduled Meetings

Invoking the list of meetings.....	44
Joining a scheduled meeting.....	45
Parallel meetings	46

Managing Contacts

History	48
Directory	49
Favorites	50

Managing the Settings

Gaining access to the Settings.....	52
Ringtone & Sound.....	53
Camera Control	54
Main Source Selection	55
Selecting a language	56
Setting the date and time	57
System Information.....	58
Call Status	59
Diagnostic Mode.....	60
Restart System	61
Administrator Settings—Call Details	62
Administrator Settings—Provisioning Wizard	63
Administrator Settings—Multipoint mode	64
Administrator Settings—IP & VLAN	65
Administrator Settings—SIP.....	66
Administrator Settings—H323	67
Administrator Settings—EMC Resilience Mode.....	68
Administrator Settings—Web Snapshots.....	69
Administrator Settings—Factory reset.....	70

All entries in the table of contents are clickable hyperlinks that will take you to the corresponding article.

To go between chapters, you may also click on any of the icons in the sidebar.



Before you start to use the video system, you may want to ensure that important parts of the equipment are set as you like them to, for example that the camera shows you, and not the whiteboard and that camera pre-sets (if applicable) are working. If you are new to video conferencing you may want to read through the article *Best practice* on the next page.



Getting up and going

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Getting up and going

Best practice



A successful video conference provides a face-to-face meeting, even if the participants are miles or continents apart. Keep in mind that it still is a meeting—normal etiquette and dress code apply even here.

General

- Consider setting the unit to *Automatic Answer*, but mute the microphone for privacy reasons, if possible.
- Do not forget to rehearse “the noble art of operating a video system” to the extent needed.

In the meeting room

- Make sure the microphone is placed at the front of the table to ensure that all speech will be detected. The best position is at least 2m (6.5') in front of the system, on a flat surface with at least 0.3m (1') of table in front.
- Directive microphones should point away from the video system.
- Make sure that no speaking participant experience obstacles blocking the view to the microphone at all times.

- Microphones should always be placed away from noise sources like computer and projector fans placed on the table. The noise from such sources is often perceived as surprisingly loud by the remote participants.
- If you use a document camera try to arrange the participants so that the camera is close to the leader of the meeting, or alternatively, close to a designated controller.
- Remember to arrange all the peripherals so that one participant can reach each of them to point, change the display, record or perform other functions during the conference.
- To help ensure the most natural meeting environment, position the camera on the top center of the receiving monitor, if possible. The camera should point directly at the meeting participants to guarantee eye contact with those at the far end. Check this out by means of the self-view feature of your video system. The self-view shows what the remote party can see from your system (the outgoing video).
- If you are going to share content you will normally make use of duo video. That implies the use of two video streams, one showing the presentation and the other showing the presenter—or the group of presenters. Smaller systems may force you to choose between showing the presentation or the presenter.
- For duo video some attention is needed. Duo video is sometimes shown side-by-side with half the screen showing the presentation and the other half showing the presenter. Provide the impression that you seem to look towards the presentation instead of the impression that you sit with your back towards it, when all is viewed on the remote monitor. If in doubt, look straight into the camera to avoid this situation.

Ease of Use

- To help meeting participants dial, add presentations and use other functionality during a call, consider stationing a poster, table tent or other quick-reference guide in the room.

Other tips

Use camera presets

Cisco TelePresence systems let you create predefined zoom and camera pointing directions (pan and tilt). Use these to zoom into the person speaking, if appropriate. Do not forget to zoom out again afterwards.

Loudspeaker volume

The audio system will use the loudspeakers built into the monitor or the Cisco Digital Natural Audio Module.

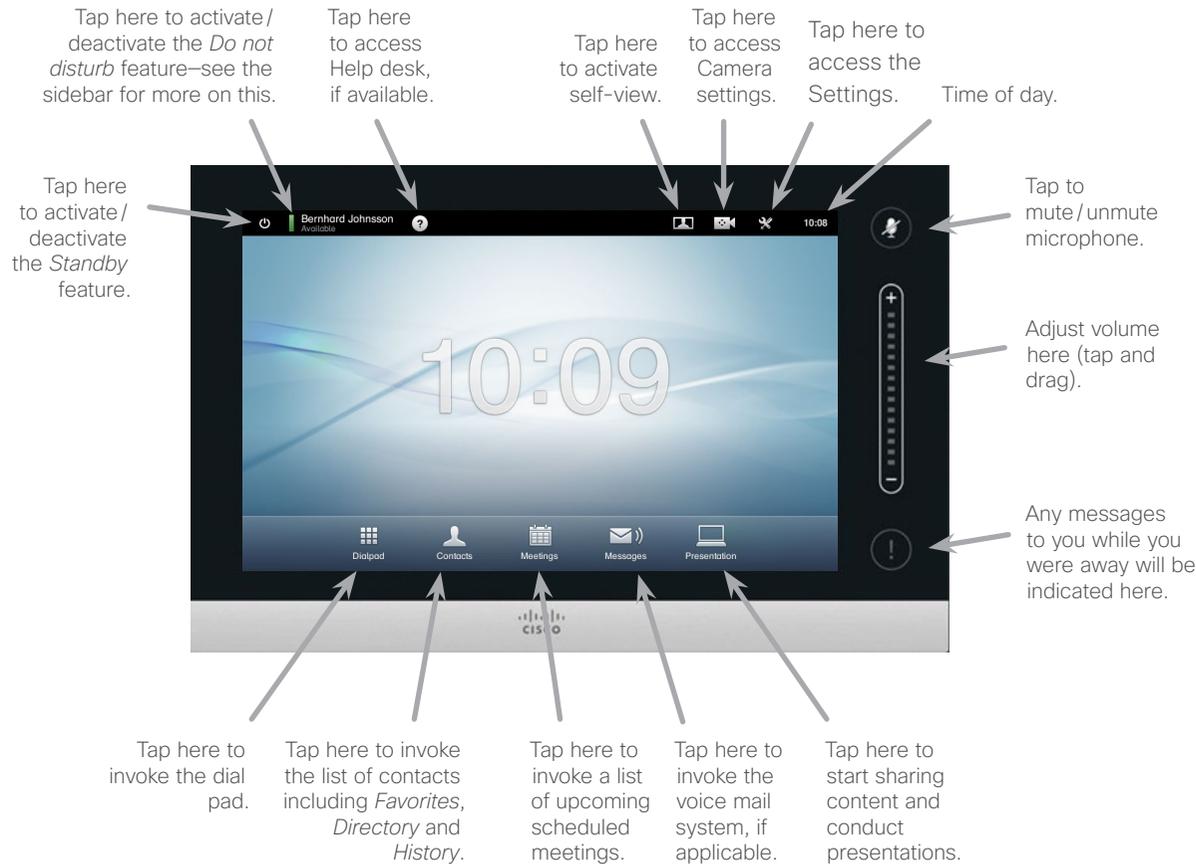
For some systems you can set the default volume level by adjusting the volume on the monitor with the monitor remote.

Brightness control

To adjust brightness, colors or other settings of the monitor, use the monitor's own remote control. Adjust the monitor to suit the conditions of the conference room. The monitors supplied by Cisco have on-screen menus that are very easy to use. For more information on configuring the monitor as such, see the corresponding user guides and administration manuals.



Getting up and going A tour of the touch screen



Tap the touch screen to wake up the system, if needed.



Tap a button to activate its function.



Scroll in lists as outlined.

About Do not disturb

When set to *Do Not Disturb*, ringtones are muted and call attempts made by others to reach you will appear as missed calls.

You may, however, place calls as much as you like.

As default, there is a 60 minutes timeout on the *Do not disturb* (after which the system will return to normal operation), but this may have been changed to a different setting by your Video Support Team.

Getting up and going Using self-view to adjust the camera



Tap **Self-view**, as outlined.



The position of the self-view is indicated as outlined. This position can be changed, see sidebar for more.



The self-view itself (the outgoing video from your system) will be shown to you as a Picture-in-Picture (PiP), as outlined.



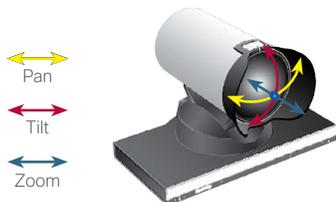
If camera adjustments are needed, tap **Camera** to invoke the *Camera* menu, as outlined.



Adjust zoom in and out here. Use these controls to define the direction in which the camera shall point (also known as *Pan and Tilt* controls).



To exit this menu, putting changes into effect, tap anywhere outside the active menu.



About self-view

Before the meeting starts we recommend that you check the self-view of your video system.

The self-view shows what others see from your video system. You will normally use it to confirm that they see what you want them to see.

The self-view appears as a PiP (Picture-in-Picture).

The position of self-view PiP can be changed if you wish—see [“Moving the self-view PiP” on page 28](#) for details on this.

Getting up and going

Adding a camera preset

1



Tap **Self-view**, if needed, to see the effects of your camera adjustments.

2



Tap **Camera**, as outlined, to invoke the camera adjustment menu.

3



If you have more than one camera, select which camera from the drop-down list above the camera controls, as outlined.

Adjust the pan and zoom, as required (see also the previous page).

4



Tap **Add new Preset**, as outlined.

5

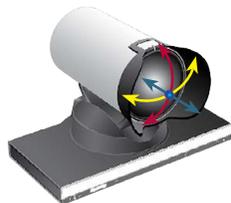


Key in a descriptive name.

6



Tap **Save** to leave the menu putting changes into effect, or tap **Cancel** to leave menu undoing any changes.



About camera presets

Most Cisco TelePresence systems let you create predefined zoom and camera pointing directions (also known as pan and tilt). Use these to zoom into the person speaking, if appropriate. Do not forget to zoom out again afterwards.

This means that if you want to create one or more zoom-in presets you should also create a zoom-out (overview) preset to conveniently switch back to overview mode.

More than one camera?

Some of our video systems support the use of more than one camera.

In this way you may, for example, have one camera providing an overview of the participants and another showing the whiteboard.

Note that when you define a camera preset, the current pan and zoom of every camera connected will be saved as part of that preset.

Consequently, you should make sure that every camera has been set to the required position before you save the camera positions as a new preset.

Getting up and going Editing an existing camera preset

About preset editing

1



Tap **Self-view**, as outlined, to see the effects of your camera adjustments.

2



Tap **Camera**, as outlined, to invoke the camera adjustment menu.

3



If you have more than one camera, select which camera to adjust from the drop-down list, as outlined.

4



Adjust the pan, tilt and zoom, as required (see also two pages back).

5

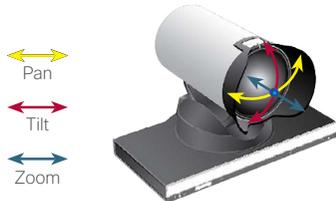


Then tap ▼ next to the preset to be edited, as outlined.

6



In the submenu tap **Update to new position** to put your changes into effect, or tap **Remove** to delete the selected preset.



Preset editing is all about taking an existing preset, altering it and then saving it under the same name.

If you want to change the name, we recommend that you delete the preset and create a new one with the preferred name.

Getting up and going Ringtones

About ringtones

You may personalize the ring tone and its volume, if you wish. You may also set keytones to *On* (a sound will appear when tapping a “button”) or to *Off*.

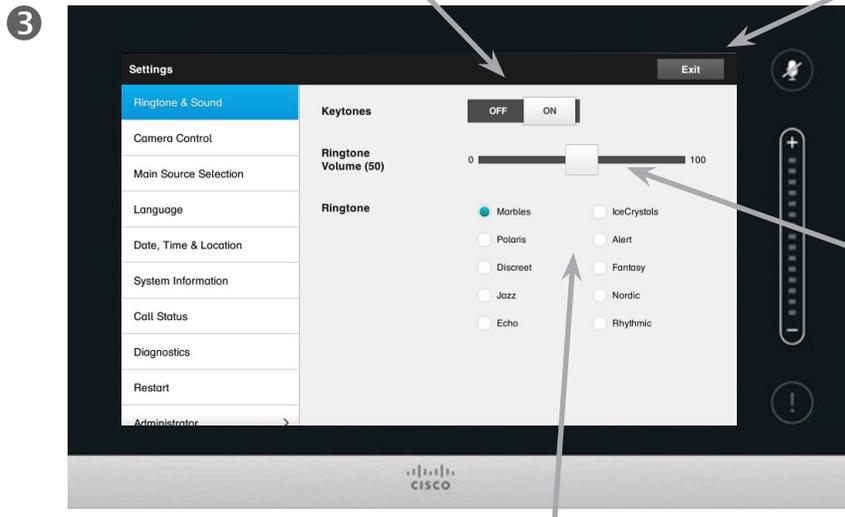


1 Tap **Settings** to invoke the *Settings* menu.



2 Navigate to **Ringtone and Sound** settings, if needed.

Activate (*On*) or deactivate (*Off*) the keytones here. In this example *Keytones* are set to *On*.



Exit the menu by tapping here.

Set the Ringtone volume here.

Select a ring tone. You will hear the ring tones as you tap on them.



Logging onto a system with your own credentials

About hot-desking

1



Tap **Sign In**, as outlined.

2



Select your profile, as outlined.

3



Input your credentials and tap **SIGN IN**, as outlined.

4



The system will confirm a successful sign-in. You will now receive calls destined for you.

5



To sign out tap **Sign-out**, as outlined.

6



You will be prompted to confirm your intentions.

Video systems located in meeting rooms and quiet rooms running under CUCM (Cisco Unified Communications Manager) may allow you to log in to the video system with your own personal credentials.

CUCM will then route all incoming calls destined for you to that specific video system.





Video meetings between two parties only are often referred to as Point-to-Point video calls, as opposed to video conferences which may involve several parties physically located miles apart.

This part of the user guide deals with point-to-point calls. Video conferencing is outlined in the next chapter of this guide.



Video meetings Point-to-point

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Placing a call using name, number or address



1 Tap **Dialpad**, as outlined, to invoke the numerical dialpad.



2 If you are going to place the call using a number, key in that number and then tap the green **CALL** button.



3 If you prefer to use the alphanumeric keyboard instead, tap **ABC**, as outlined.



4 Key in the name or address of the recipient.



5 There is an extended numerical mode available, which also contains special characters.

To toggle between the alphanumeric mode and the extended numerical mode tap the key in the lower left corner of the keyboard, as outlined.



6 When you are ready to place the call, tap the green **CALL** button.

About placing calls

You may call someone who is not listed in your list of contacts by keying in their name, address or number using the virtual keyboard of the Touch pad.

Anyone you have previously called will appear in the *History* list (until you clear that list) and you may then transfer any of them to your list of *Favorites*. This is described in the section *Managing Contacts*.

How to call someone listed in the *Favorites*, *Directory* or *History* list is described on the next page.

Calling extensions. Sometimes you may be urged to enter touch tones (DTMF) during a call, typically to reach extensions or to provide a pin code.

Tap **Touch Tones** (this button appears as soon as the call is placed) to invoke the keypad.

Calling contacts

To search for someone, tap here to invoke the virtual keyboard and then key in the name or number. Matches will appear as you type. All three lists will be examined for possible matches.

1

If you are going to look in a specific list only, tap the corresponding tab first.

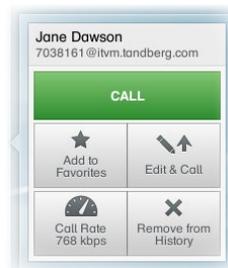
Any matches will appear here. Tap to select an entry. The selected entry will appear on a blue background.



To locate an entry, you may also scroll through a list as you would do on a smartphone.

Tap to select an entry.

2



When an entry has been located and selected the *Call* menu will appear.

Tap **Call** to place the call. There are some options available. These are always context sensitive, which means that meaningless options are not shown. For example **Add to Favorites** is not available for entries already residing in the list of *Favorites*.

You will find more on the options on the following pages.

About the lists of Contacts

Your lists of Contacts consist of three parts:

Favorites. These contacts have put there by you. These entries will typically be someone you call frequently or otherwise need to access in a swift and convenient manner from time to time.

Directory will typically be a corporate directory installed on your system by your System Administrator.

History is a list of calls you have placed, received or missed earlier.

You may clear the *History* list for privacy reasons, see [“History” on page 48](#).

The following options apply:

- You may key in a name and number and the system will look in all lists for you.
- You may tap a tab and then scroll through the list or key in a name or number. Your search will then be restricted to that specific list.
- You may add the entry to the list of Favorites; edit aspects of the entry before calling; change the call rate and remove the entry from History, see the following page for more on this.



Adding an entry to Favorites, before placing the call

About the list of Favorites



1 Tap **Add to Favorites**, as outlined.



2 If the entry may be stored as it is, just tap **Save**.

If you want to edit the entry (typically adding a name), tap the field whose content you want to alter, as outlined.



3 The virtual keyboard will now be invoked. Apply your changes.



4 Once the changes have been applied, tap **Close**, as outlined.



5 Tap **Save** to put your changes into effect.



6 The list of Favorites will now be displayed confirming successful operation.

Favorites are contacts put there by you. These entries will typically be someone you call frequently or otherwise need to access in a swift and convenient manner from time to time.

Editing an entry, before placing a call

1



Tap **Edit & Call**, as outlined.

2



The keyboard will now be invoked. Make your changes.

3



Once changes have been made, tap the green **CALL** button, as outlined, to place the call.



Changing the call rate, before placing a call

1



Tap **Call Rate**, as outlined.



2



Change the call rate by moving the slider, as outlined.



3



Tap **CALL** to place the call, as outlined.



About call rate

Call rate is the term used to express the amount of bandwidth allocated to the call in kbps (kilobits per second). The higher the call rate is the better the quality will be.

Why would you like to change this? In most cases you will use it to avoid choking the video call when you try to call someone at a higher rate than their system and connection supports.

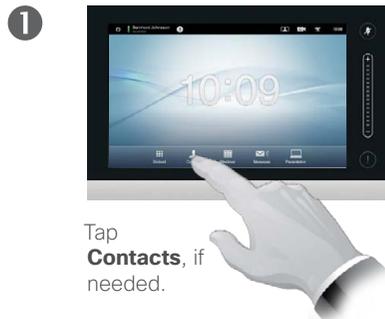


Removing entries in the History list, before placing a call

Removing a single entry:



Clearing the entire History list:



About entries removal

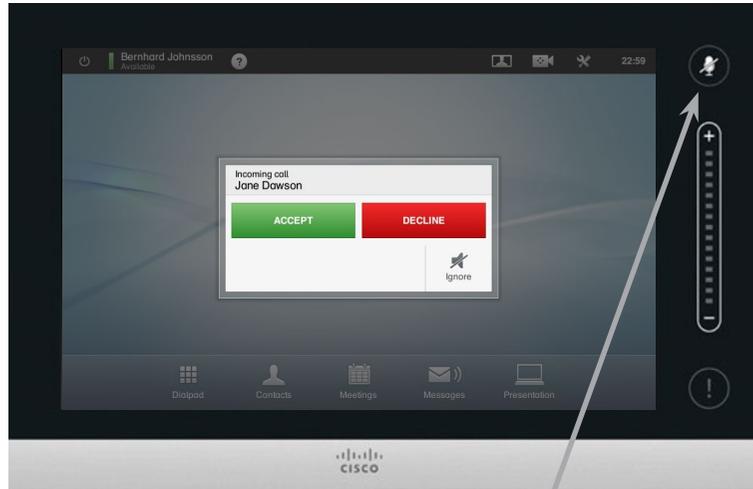
For privacy reasons you may want to remove an entry from the *History* list or clear the entire list.

The same persons may have called you (or you called them) several times. Each such call will create an entry in the *History* list.

Note that if you choose to remove a single entry in the list, any other instances of that entry will not be removed from the list.

Point-to-point video calls

Receiving a call



If you set up the system to respond to incoming calls automatically (*Auto Answer*) you may want to mute the system microphone(s), to preserve privacy.

Microphone(s) are muted if this symbol is illuminated in red. To mute/unmute the microphone(s), tap the symbol.

If someone calls you

- If someone calls you may accept, decline or ignore the call.
- If you decline the call, busy information will be sent to the calling party.
- If you ignore the call, the calling party will perceive this as if you were absent.
- You may want to set your system to respond automatically to an incoming call (*Auto Answer*). This is described in [“Administrator Settings–Call Details” on page 62](#). Observe that your Video Support Team may have password protected this area.
- If you choose to activate *Auto Answer* you may want to mute the microphone to preserve privacy. This must be set up manually every time.

Being in a call, receiving another call

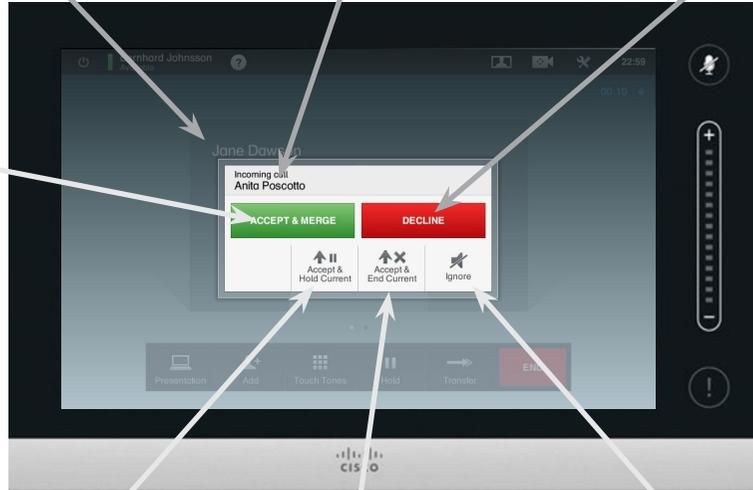
The one you already are in a call with.

The identity of the new incoming call.

Decline the incoming call and carry on as you have been doing.

If your system is equipped with the MultiSite option you may merge the incoming call with the existing. For details on this see ["Being in a call, receiving another call" on page 33](#)

For systems without MultiSite installed, the incoming call may still be merged, but as an audio-only call (not shown).



Accept the incoming call, while holding the current call or group of calls.

Accept the incoming call, while ending the current call or group of calls.

Ignore the incoming call (you will appear as absent to the one who is calling you).

About the options

If you already are in a call, you may accept another incoming call under certain circumstances.

Read more about this in the chapter ["Video Conferencing" on page 29](#).



Transferring a call to someone else

1



In a call tap **Transfer**, as outlined.

2



Locate whom to call in the usual way.

3



Place the call in the usual way.

4



Tap **Complete transfer**—see also text in side bar.

5



The call will now be transferred.

About transfer

Basically, you have two options when transferring calls; viz. unattended and consultative transfer.

The scenario described on this page is the unattended transfer, where you transfer the call to someone else without consulting that person before the transfer is carried out.

If you consult the person first, you will transfer after having used the the swap feature—see the next page for more on this.

In call with two parties, but one at a time

1



Assume that you are in a call. Tap **Hold**, as outlined.

2



Tap **+ Place New Call**, as outlined, or tap **Resume** to go back to the one you were in call with (to undo your action).

3



Locate whom to call in the usual way.

4



Place the call in the usual way.

5



Tap **Swap** to change whom to talk to, or tap **Transfer** to connect the two together while you leave the call.

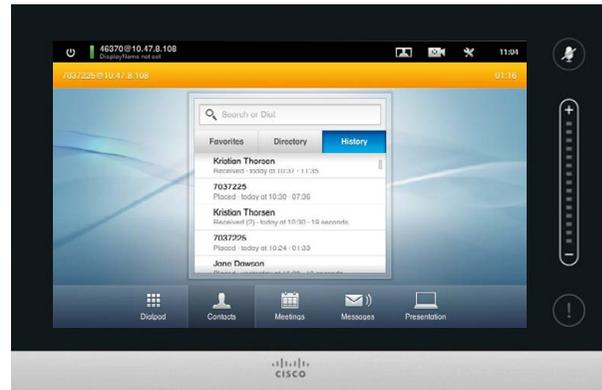
About this feature

This feature allows you to be in a call with two parties, but one at a time only.

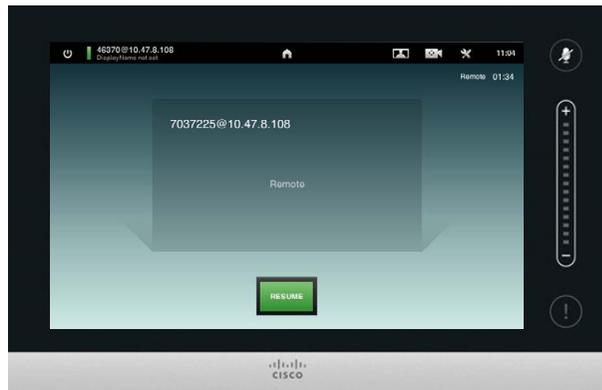
You may swap whom you are in call with, and you may connect the two together, while you leave the call.

Point-to-point video calls Shared lines

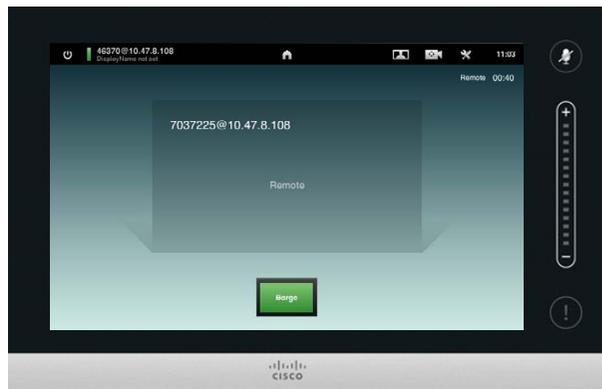
If there is activity on the shared line, this will be indicated as outlined.



If someone on the shared line has put herself on hold, you may pick that call up by tapping **RESUME**, as outlined.



If the current call has not been put on hold, you may barge in by tapping **Barge**.

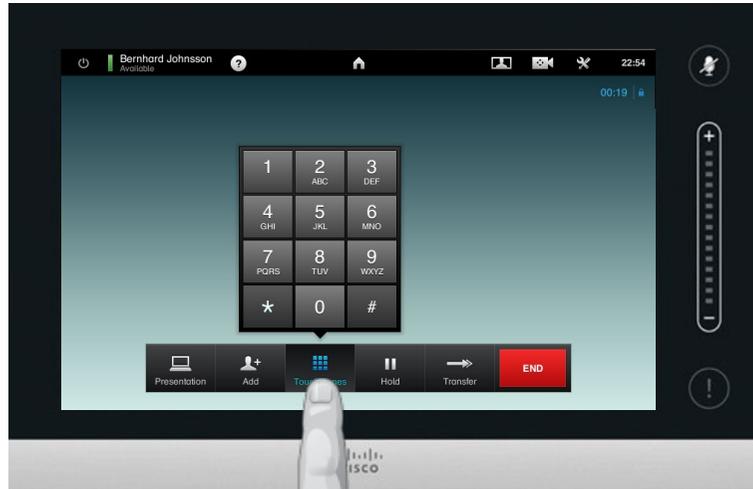


About this feature

Video systems used in call centers may be set up to share a common line so that anyone of those sharing a line may respond to an incoming call.



Touch tones (DTMF) in a call



In a call, tap **Touch Tones**, as outlined.



About DTMF

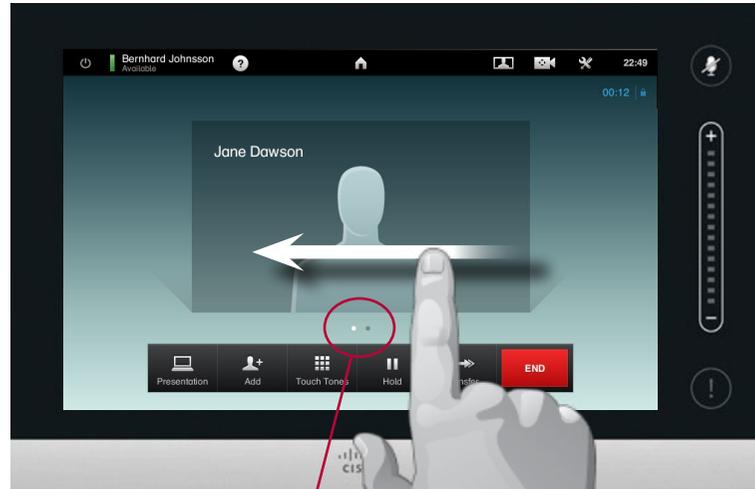
In a call you may be prompted to submit numbers to be able to reach an extension or otherwise enter into something (for example with a PIN-code).

To be able to submit this you will need a keypad on the Touch screen.

The technical term used with this is DTMF (Dual Tone Multi-Frequency), which describes what actually takes place.

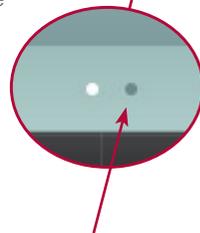
Obtaining more information about the participants

About this feature



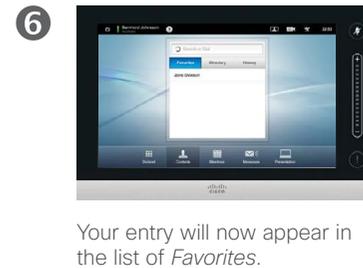
In a call, swipe your finger, as outlined...

...or tap the little dot not shown in white, as outlined.



Do as outlined to invoke a list of the participants and their status. In a point-to-point call the list will be populated with the two participants only.

Adding the other party to Favorites, while in a call



About this feature

There are several ways to add someone to the list of Favorites and one of them allows you to do this while in a call.

You may, after a call, realize that you should have added the one you were in call with to the list of Favorites. To do this use *History* and *Add To Favorites* from there.

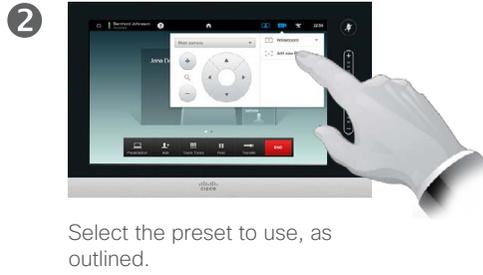
More on this can be found in the chapter [“Managing Contacts” on page 47.](#)

Controlling your own camera in a call

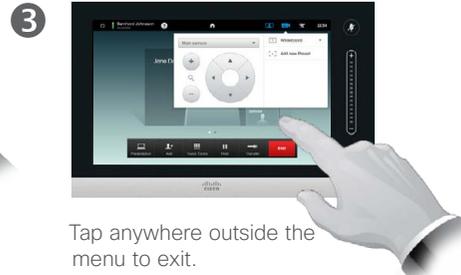
Using your camera presets:



1 In a call, tap the **Camera icon** as outlined.



2 Select the preset to use, as outlined.



3 Tap anywhere outside the menu to exit.

Adjusting your camera's pan tilt and zoom:



1 In a call, tap the **Camera icon** as outlined.

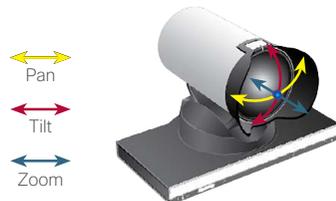


2 If your system has more than one camera, select the camera to be adjusted, as outlined.



3 Adjust pan, tilt and zoom, as outlined.

Tap anywhere outside the menu to exit.



About camera control

Existing camera presets can be used right away during a call.

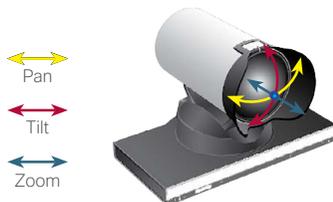
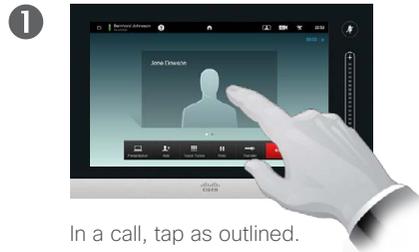
Your video system may have more than one camera, for example one camera showing the participants, while another shows the whiteboard.

Note that a camera preset will apply to all cameras in use. Consequently, there is no need to select a particular camera before a preset is activated. Read more about this [“Adding a camera preset” on page 7.](#)

If you need to add new or modify existing camera presets, this is done in the same way as you do outside a call—turn to [“Editing an existing camera preset” on page 8](#) for details.

As an alternative to adding or editing presets, a simple adjustment of your camera's pan tilt and zoom should also be considered.

Controlling the camera of the other participant



About camera control

Within video conferencing the term *far end* is often used to refer to the one you are talking to.

Likewise, the term *near end* is often used to refer to your side of the video meeting.

The ability to control the far end camera requires that the far end system camera is remotely controllable. The feature cannot be applied to systems with a manual camera adjustment.

You will not have access to any presets that may exist on the far end video system.

Moving the self-view PiP

1



Tap the **Self-view icon**, as outlined to invoke the self-view, if needed.

2



Press and hold your finger within the self-view area, as outlined.

3



As soon as it turns blue drag the self-view to the new location. Possible locations are indicated, as outlined.

4



Once you reach the location you want to have it in, lift your finger from the touch screen.

5



The self-view will now assume the new location.

Why move the self-view?

The self-view shows what others see from your video system. You will normally use it to confirm that they see what you want them to see.

The self-view appears as a PiP (Picture-in-Picture).

From time to time you may want to have the self-view activated during the meeting. This could, for example, be to ensure that a lecturer in your room remains seen on the screen despite constantly moving around.

It may happen that the current position of the self-view blocks important parts of the image on your screen. You may therefore want to move it.





By adding participants to an ongoing video call, your video meeting will be expanded into a video conference.



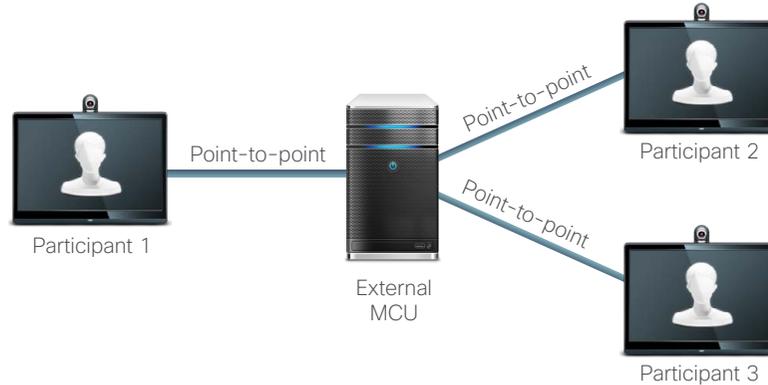
Video Conferencing



Video conferencing Creating a video conference

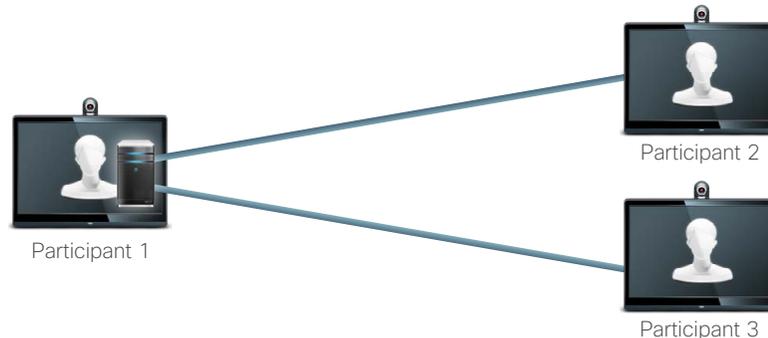
Video conferencing using an external MCU (with or without Multiway)

Any limitations to the number of simultaneous participants will depend entirely on the configuration implemented.



Video conferencing using MultiSite (an equivalent to an embedded MCU)

The maximum number of simultaneous participants is four (yourself included) plus one audio-only call.



Participants 2 and 3 experience this call as a point-to-point call with an MCU. They will therefore not need to have any conferencing abilities built in.

This is an optional feature that may, or may not, be installed on your system.

Video conferencing basics

Cisco video systems capable of video conferencing offer three ways of implementing the ability to be in a call with more than one, viz by means of:

- **Multipoint Control Unit (MCU).** This is a bridge that interconnects calls from several sources. All parties call the MCU unit, or the MCU unit calls them. This means that all participants will be in a point-to-point call with the MCU. If an MCU is used in your office, consult your System Administrator for operating details.
- **MultiSite**, an optional built-in MCU in your video system that allows you to call more than one. The video systems that you call will need no conferencing capabilities. The maximum number of participants will be four (yourself included) plus one audio-only call.
- **Multiway**, an optional feature that transfers your call to an external MCU as soon as you start calling more than one. However, you do control it all directly from your system. You will not have to call an MCU and then do everything from there.



Calling more than one using MultiSite



1 Assume that you already are in a call. This call may have been initiated by you or by someone else (someone have called you).



2 Tap **Add**, as outlined.



3 Locate whom to call, in the usual way.



4 Place the call, in the usual way. You may alter the *Call settings* of that call before you place it—see the side bar on this page.



5 This new call will now be added to the existing, thus creating a conference. You may cancel this call, as outlined, without terminating the first call you were in.



6 To add more participants repeat the procedure. A maximum of four video participants (yourself included) and one audio-only may take part in the conference.

If you are the one who initiated the conference you will be able to terminate the entire conference as well. The other participants, however, may only disconnect themselves from the conference.

About MultiSite

If your video system is equipped with the optional MultiSite feature you may call more than one to initiate a video conference.

The MultiSite feature allows you to call three other systems on video plus a fourth system on audio only (for example a mobile phone).

This means that the conference can consist of up to four video participants (yourself included) and one audio participant.

If you want to initiate a video conference, you must call each participant one by one.

Call settings. Those you call may have video systems with different capabilities. One or more of them may, for example, be on an ADSL system with limited bandwidth (compared to those of the other participants). You may then set the *Call settings* to a (normally lower) call rate suiting his or her system before you call that person. However, that call rate will affect that specific part of the video conference only. Other participants will not experience a lower call rate because of this.

This is an optional feature that may, or may not, be installed on your system.

Calling more than one using Multiway or CUCM

About Multiway/CUCM



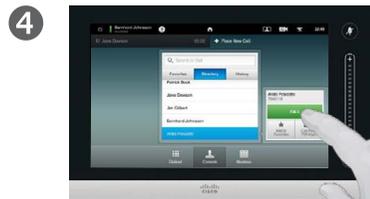
Assume that you already are in a call. This call may have been initiated by you or by someone else (someone have called you). Tap **Hold**.



Tap **+Place New Call...**



Locate whom to call, in the usual way.



Place the call, in the usual way. You may alter the *Call settings* of that call before you place it—see the side bar on this page.



Tap **Merge** to create a conference, as outlined.



To add more participants repeat the procedure. The maximum number of participants depends on your video system infrastructure. If in doubt consult your System Administrator.

If you initiated the conference you will be able to terminate the entire conference as well. The other participants, however, may only disconnect themselves from the conference.

The maximum number of participants in a Multiway conference depends entirely on the video infrastructure implemented in your organization. If in doubt, consult your System Administrator.

If you want to initiate a video conference, you must call each participant one by one.

Call settings. Those you call may have video systems with different capabilities. One of them may, for example, be on an ADSL system with limited bandwidth (compared to the others). You may then set the *Call settings* to a (normally lower) call rate (bandwidth) suiting his or her system before you call that person. However, that call rate will affect that specific part of the video conference only. Other participants will not suffer from a lower call rate because of this.



This is an optional feature that may, or may not, be installed on your system.

Being in a call, receiving another call

The one(s) you already are in a call with.

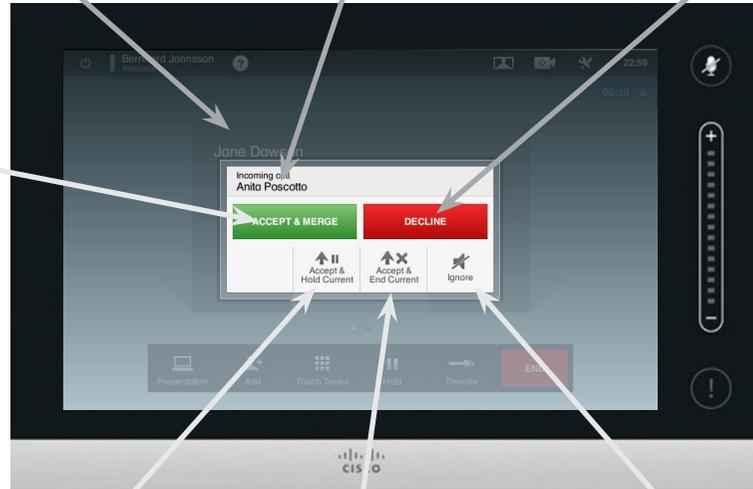
The identity of the new incoming call.

Decline the incoming call and carry on as you have been doing.

Accept the incoming call and merge it with the ongoing call¹⁾.

For MultiWay you must put the current call (or group of calls) on hold before merging can take place.

This is due to the fact that the incoming call must be transferred to the MCU and then merged.



Accept the incoming call, while holding the current call or group of calls.

Accept the incoming call, while ending the current call or group of calls.

Ignore the incoming call (you will appear as absent to the one who is calling you).

About the options

Assume that you are already in a call. If you then receive another incoming call, you will have the following options:

- You may decline the call and continue with what you were doing.
- You may put the current call on hold and accept the new call. At any time you may swap between the two. Read more about this in the article [“In call with two parties, but one at a time” on page 21.](#)
- You may transfer the incoming call to someone else, including the one you were talking to. This is covered in [“Transferring a call to someone else” on page 20.](#)
- You may, after putting the incoming call on hold, later decide to merge this call with the existing (optional feature).
- You may merge the incoming call directly with the ongoing call (**ACCEPT & MERGE**). This applies to MultiSite equipped systems only.

¹⁾ If your system is equipped with MultiSite you may merge the incoming with the current call.

For systems without MultiSite installed, the incoming call may still be merged, but as an audio-only call.

Layout control in a call

Changing the layout:

1



To change the existing layout on your video screen, tap **Layout**, as outlined.

2



Tap the new preferred layout, as outlined.

3



The new layout will now be put in effect.



Adding a self-view PiP to your layout:



Tap as outlined to include a self-view PiP

1



Tap **Merge** to create a conference, as outlined.

2



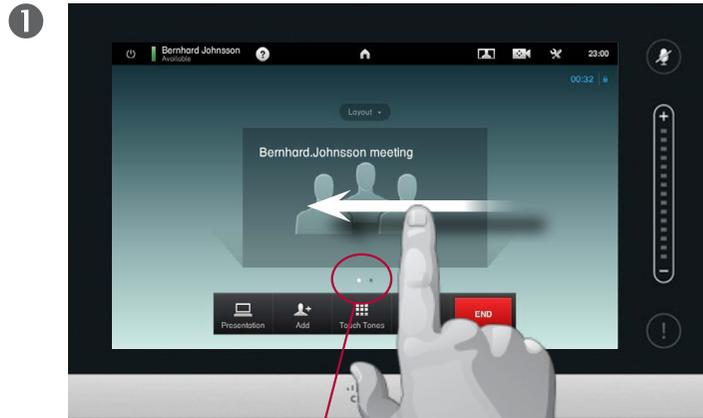
About the layout options

You may alter the screen layout when you are in a call. The Touch pad will show the options available. The actual options may differ from what is shown here, but the Touch pad will always show you what is available.

The WYSIWYG (what you see is what you get) principle applies even here.

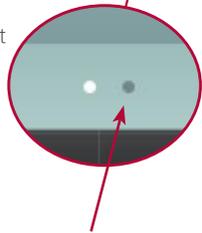
Invoking a list of participants and their status

Using the list

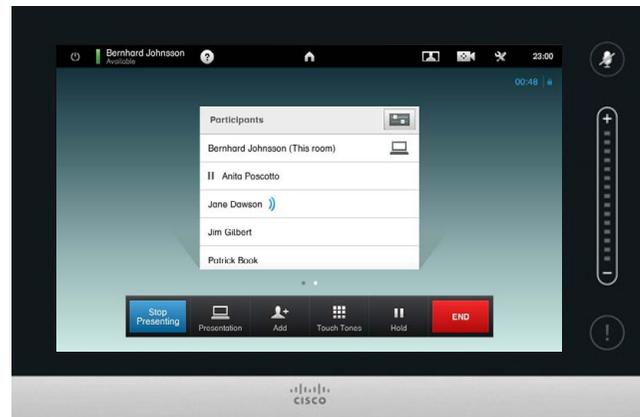


In a call, swipe your finger, as outlined...

...or tap the little dot not shown in white, as outlined.



2



The list will show who is presenting (how to conduct presentations is outlined in the following chapter of this document), who is speaking and if someone has been put on hold, that will be indicated too.

Swipe towards left or tap the other dot to return to the initial state.

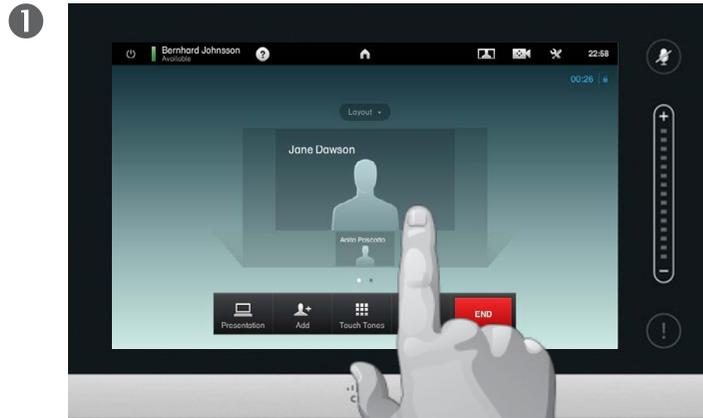
Tapping a participant in this list may grant you more options, see the following pages for details.

This is a convenient way to obtain information about all the participants and their current status.

In addition, you may use the list to disconnect participants from the conference or to grant them certain rights, such as to retain the position as prominent speaker even if someone else starts speaking. These features are outlined on the following pages.

Disconnecting someone from the conference

About the feature



You may also invoke the list of participants (see the previous page) and tap a participant in that list.

Tap the participant to be disconnected, as outlined.

You must be entitled to do so.

Tap **Drop** to disconnect the selected participant, as outlined.

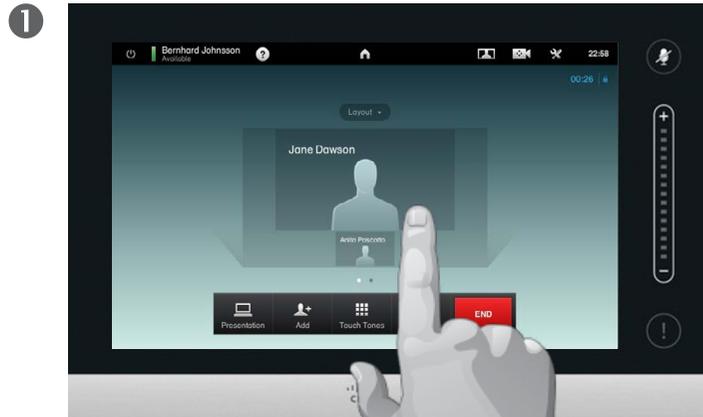


Any participant entitled to it may disconnect any of the other participants. Tap the participant, either in the view as shown, or in the list of participants (see the previous page). Then tap **Drop**, as outlined.



Lock as speaker—remaining the prominent speaker

About Lock as Speaker

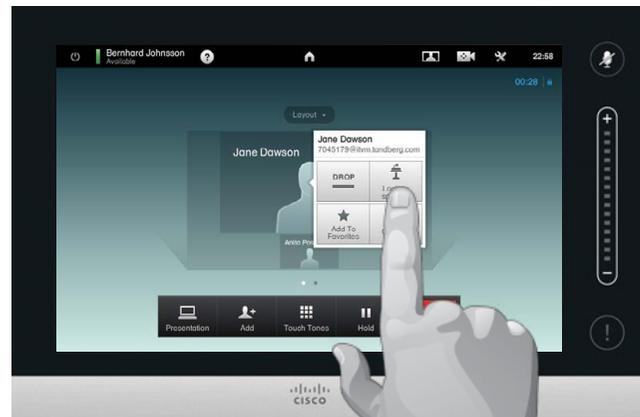


This is an example of a layout with one of the participants shown as the prominent speaker, i.e. shown larger than the other(s).

Start with a layout as outlined and tap as outlined.



2



Tap **Lock as speaker**, as outlined.

Once activated the name of this field will change to **Unlock as speaker**.

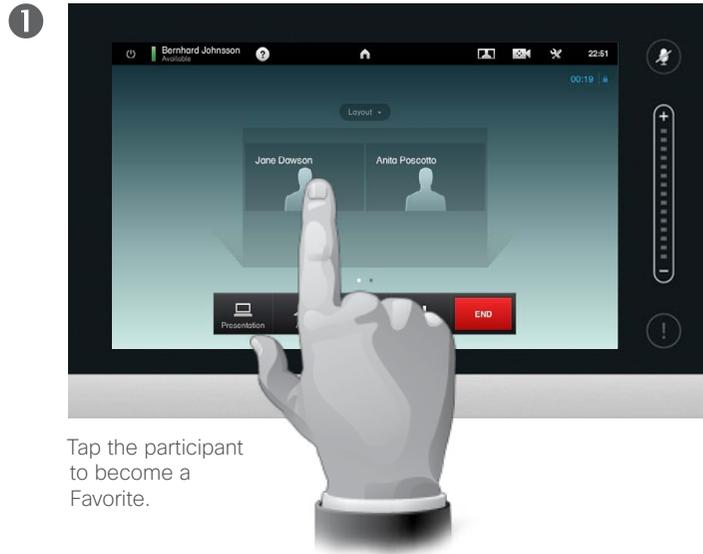
To unlock, repeat the process tapping **Unlock as Speaker** instead.

Assume you have set your system so that one of the participants is shown larger than the others.

If someone else starts to speak instead of this person, the system will switch to display the image of that person instead. To avoid this, you may lock the current person as speaker. This person will then be shown permanently as the prominent speaker.

Adding one of the participants to Favorites

About Adding to Favorites



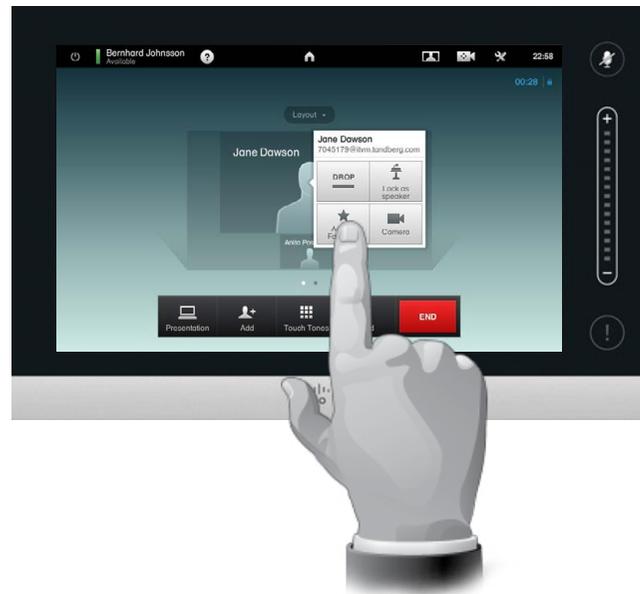
Tap the participant to become a Favorite.



2

Then tap **Add to Favorites**, as outlined.

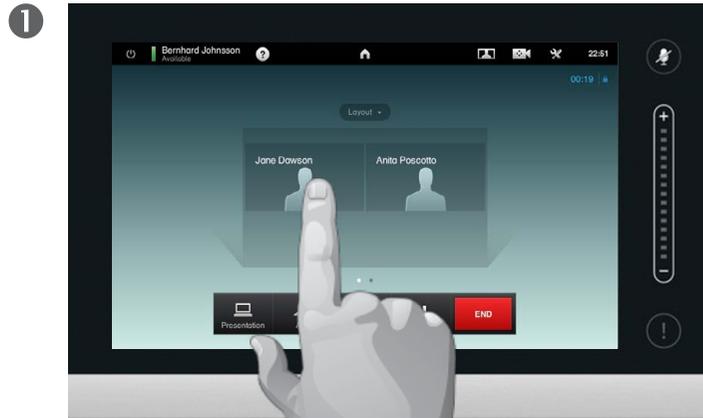
This will invoke the *Add to Favorites* dialog box, whose use is shown in ["Adding the other party to Favorites, while in a call" on page 25](#).



There are several ways to add someone to the list of Favorites and one of them allows you to do this while in a call.

Once you have selected whom to add to your list of favorites, the procedure is identical to the one outlined in the article ["Adding the other party to Favorites, while in a call" on page 25](#). It will therefore not be repeated here.

Controlling the camera of one of the other participants



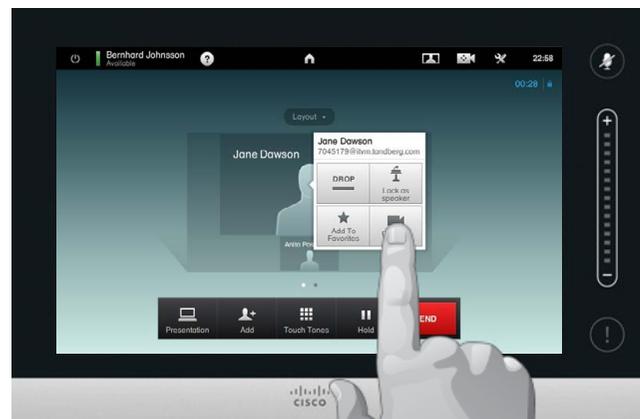
Tap the participant whose camera you want to control..



2

Then tap **Camera**, as outlined.

This will invoke the *Camera control* dialog box, whose use is explained in [“Controlling the camera of the other participant” on page 27](#).



About camera control

Within video conferencing the term *far end* is often used to refer to the one you are talking to.

Far end is an ambiguous term in video conferencing, since there is more than just one far end.

Consequently, you must start by defining whose camera you are going to control.

Once you have defined this, the procedure is identical to the one explained in [“Controlling the camera of the other participant” on page 27](#).

The ability to control a far end camera requires that the far end system camera is remotely adjustable. The feature cannot be applied to systems with a manual camera adjustment.

You will not have access to any presets that may exist on the far end video system.

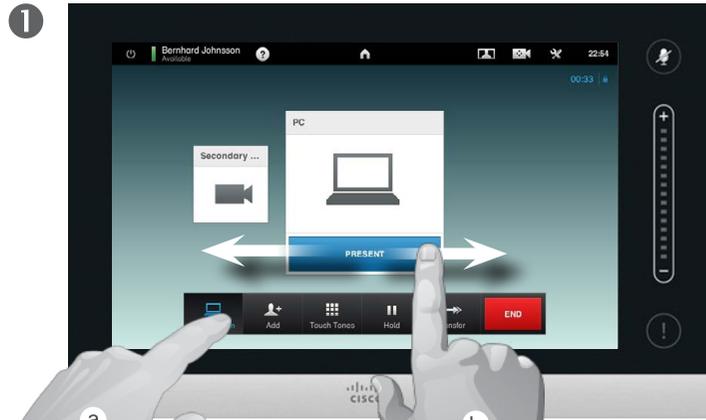


Contents can be shared in a call—or outside a call. In the latter case you will be using your video system to share contents in your local meeting room.



Sharing Content

Starting and stopping a presentation



Tap **Presentation (a)**, then scroll horizontally **(b)** to locate the presentation source, if needed. Once located tap **PRESENT**, as outlined.



2

To stop the Presentation, tap **Stop Presenting (a)**. The contact card (not shown) may be invoked even here, as outlined **(b)**.

For more on the contact card feature, see ["Invoking a list of participants and their status" on page 35.](#)



About sharing content

Most of the Cisco TelePresence video systems support the ability to show presentations in a video call or video conference as well as outside a call. The latter ability allows the system to be used for local presentations in a meeting room, thus extending the use of the video system and the room itself.

Note that you may change the layout of the screen during presentations, see the next page for more on this.

Changing the layout



Tap Layout, as outlined, to invoke the layout options.



2

Select your preferred layout by tapping it.



About presentation layout

You may change the layout of the screen during presentations. Typical options available will be with or without showing the presenter and showing the presenter as either a PiP (Picture in Picture) or PoP (Picture outside Picture).

The layout options available on your system may differ from those shown here, but the layouts shown are always those you may choose between.



Your video system may be connected to a management system capable of scheduling video meetings for you. Any meetings scheduled will then appear in a *List of Meetings* on your Touch device.



Scheduled Meetings

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Invoking the list of meetings



1 Tap **Meetings** to invoke the list of meetings.

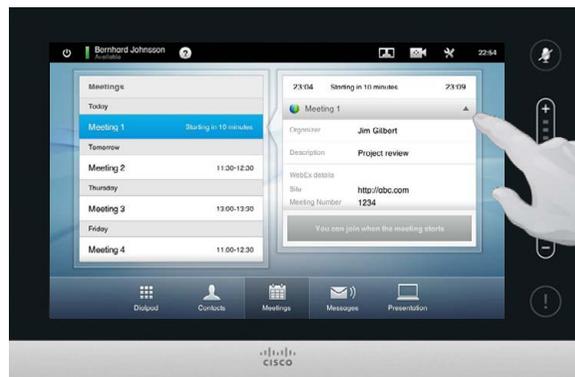


The meeting list will typically look like this.

Tap on a meeting in the list to obtain more information about the meeting.



Tap on the little expansion symbol, as outlined, to get even more information.



Tap again to collapse the information box.



Meeting list basics

Your video system may be connected to a management system capable of scheduling video meetings. Any meetings scheduled will then appear in a *List of Meetings*.

The List of Meetings contains a list of upcoming, meetings scheduled to take place during the next 14 days (this setting may have been changed by your Video Support Team). The list is sorted using grouping headers. The main grouping category is by day (e.g.: TODAY, TOMORROW, then WEDNESDAY, October 20, 2013 etc).

If you tap an item in the list then more information will become available.

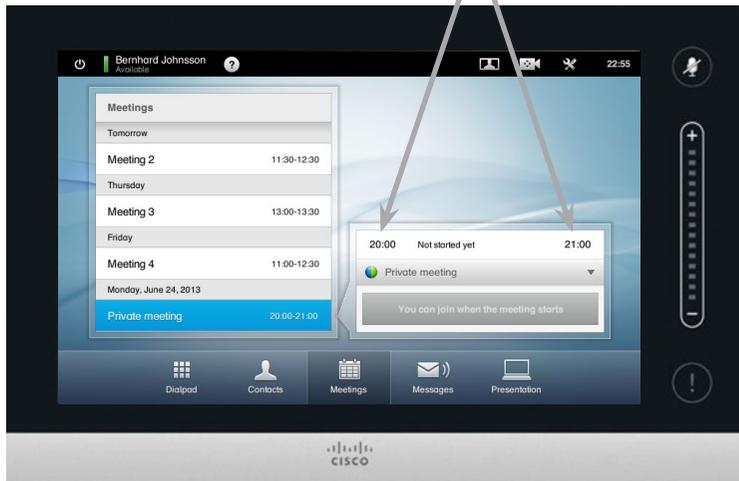
When a scheduled meeting appears as *Private meeting* it will contain information about the organizer only. There will be no title, no expandable meeting outline as well as no dial-in information.

Joining a scheduled meeting



If you tap a meeting in the list you will see more about the meeting.

The start and end time of the scheduled meeting.



Extending an ongoing meeting

Scheduled meetings have a fixed start and end time. You may want to extend an ongoing meeting. This will be accepted by the system if no other meeting is scheduled for any of the video systems involved, during the period of possible extension.

If an extension is sustainable, the *Meeting will end* notification will include an *Extend* and a *Dismiss* option.

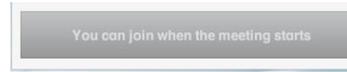
To extend a meeting, tap the **Extend** button.

About joining

On your video system the *Meeting Reminder* will appear once it is possible to join a meeting. Exactly when that will be depends on the *Start time buffer* setting. Default buffer setting is 10 minutes, but your system administrator may have changed this. It is not possible to join the meeting earlier than the setting dictates.

The meeting reminder contains a time indicator stating when the meeting starts, or alternatively for how long the meeting has been going on (an ongoing meeting is referred to as a *Meeting in progress*).

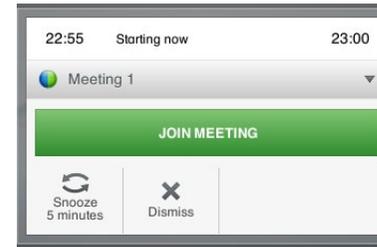
The text *Starting now* will be shown during a time interval spanning from 30 seconds before to 30 seconds after the scheduled start time of the meeting.



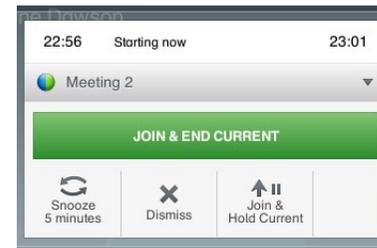
Although the default setting lets you join in up to 10 minutes in advance, your System Administrator may have implemented a different setting.



A scheduled meeting may connect you automatically, or you may have to tap **JOIN MEETING**.



When the meeting starts you will be offered to join in, to postpone the offer to join in for 5 minutes, or to just dismiss the offer.



If you are in a call when the meeting starts you will also be offered to join in while at the same time put the current call on hold, just like any other situation where someone calls you while you already are in a call.

Parallel meetings



Meeting taking place simultaneously are referred to as parallel meetings. The meeting names used in this example solely appear to illustrate that the meetings are parallel meetings.

Choose your meeting

Whenever *Parallel meetings* occur (two or more meetings taking place simultaneously), the reminder will be displayed in context of the meeting list, displaying all upcoming meetings. Choose which meeting to join and then join the selected meeting.





Contacts consists of three parts; a *Directory*, which typically is your corporate phone book; *History* which is a list of recent calls and finally *Favorites*, which is your personalized list of people you call frequently or otherwise need to get easy access to.



Managing Contacts

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History

Gaining access to the History list:



Tap **Contacts**, as outlined.



Scroll through the list **(a)**, or tap the **Search or Dial** field **(b)** to invoke the virtual keyboard to key in a name, number or address. Possible matches will appear as you type.

Removing a single entry:



Tap **Remove from History**, as outlined.



Tap **Remove** to remove the entry from the list or **Cancel** to leave the menu without removing

For privacy reasons you may want to remove an entry from the History list or clear the entire list.

The same persons may have called you (or you called them) several times. Each such call will create an entry in the History list.

Note that if you choose to remove a single entry in the list, any other instances of that entry will not be removed from the list.

Clearing the entire History list:



Tap **Contacts**, if needed.



Scroll, as outlined, to get to the top of the list.



Tap **Clear History**, as outlined.

About History

The *History* lists the received, placed and missed calls since the last time the list was cleared.

Tap an entry and you may:

- Call the entry by tapping **CALL**.
- Add the entry to an ongoing call (optional).
- Add the entry to *Favorites*.
- Edit the entry information and then place the call.
- Change the call rate settings.
- Remove the entry from the list.
- Clear the entire list.



Directory

Finding an entry in the Directory by scrolling through the list:



Tap **Contacts**, as outlined.



Tap **Directory**, if needed.



Scroll through the list to locate the entry, as outlined.

Finding an entry in the Directory by searching for it:



Tap **Contacts**, as outlined.



Tap **Directory**, if needed.



Tap **Search or Dial**, as outlined, to invoke the virtual keyboard and key in a name, number or address. Possible matches will appear as you type.



About Directory

The *Directory* serves as your corporate phone book. This directory cannot be edited by you. You may, however, copy entries to your list of *Favorites* and edit them there.

Tap a folder to show its contents, scroll, if needed, to locate a folder or an entry within a folder.

Once located, tap the entry to call, edit or add to your list of favorites in the same way as with the *History* list (see the previous page for more on this).

When searching within the corporate Directory, the search will apply to the current directory folder and its subfolders only. To go one level up, tap Back. To make the search apply to the entire corporate directory, do not enter (tap) any folder before the search is commenced.

It may happen that an entry copied from the directory to the list of favorites later is updated in the directory. This update will not be reflected in your list of favorites—you must then manually update the entry in the list of favorites.

Favorites

About Favorites

Adding someone from Directory or History to the list of Favorites:



In the Contacts panel, tap **Directory** or **History**, if needed.



Scroll through the list to locate the entry, as outlined.



Tap that entry **(a)** and then tap **Add to Favorites (b)**, as outlined.



If any of the fields need to be edited, tap that field, as outlined.



Edit the field and tap **Close** when finished.



Tap **Save**, as outlined, to create the new entry in the list of *Favorites*.

Manually adding someone to the list of Favorites:



Tap **Search or Dial**, as outlined, to invoke the virtual keyboard.



Key in a name, number or address. Possible matches will appear as you type.



Tap the little arrow, as outlined, and continue from (3) above.

The *Favorites* is your own shortlist of contacts you frequently call or otherwise want to have easy access to.

Favorites may be populated from the *History* or *Directory* lists as well as from manual entries.





CIL
HANGED
NEAL
LIGHT SCALE
EXCHANGES
CONSTRAINTS



Managing the Settings

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Gaining access to the Settings



Tap the **Settings** icon, as outlined.



Scroll and tap to gain access to a page of the *Settings*.

About Settings

The video endpoints whose use is described in this guide can be configured via the Touch screen controller or via its web interface. For full access to all configurable parameters the web interface must be used—the Touch screen controller provides access to a limited set of parameters only.

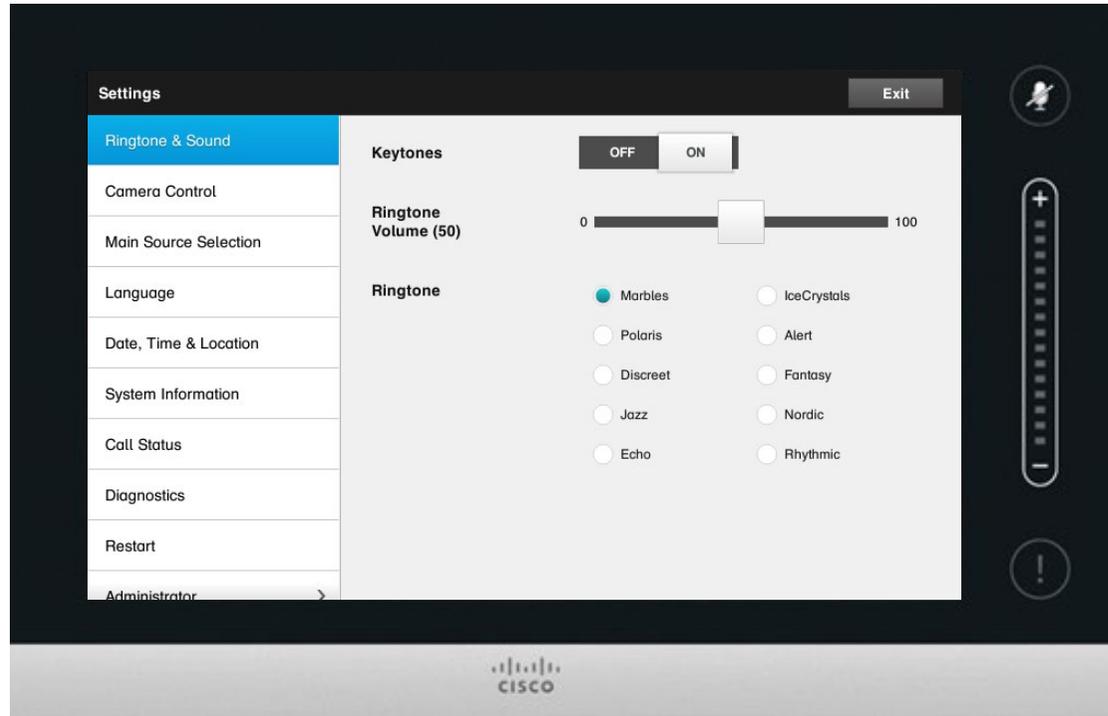
Care must be taken when altering the *Settings* to avoid that the system stops working. If in doubt, contact your Video Support Team.

For security reasons, access to some of the *Settings* may have been password protected by your Video Support Team.

To enter the *Settings*, tap the **Settings** icon (✖), as outlined to the left.



Ringtone & Sound



About Ringtone & Sound

The Ringtone & Sound Settings window lets you specify:

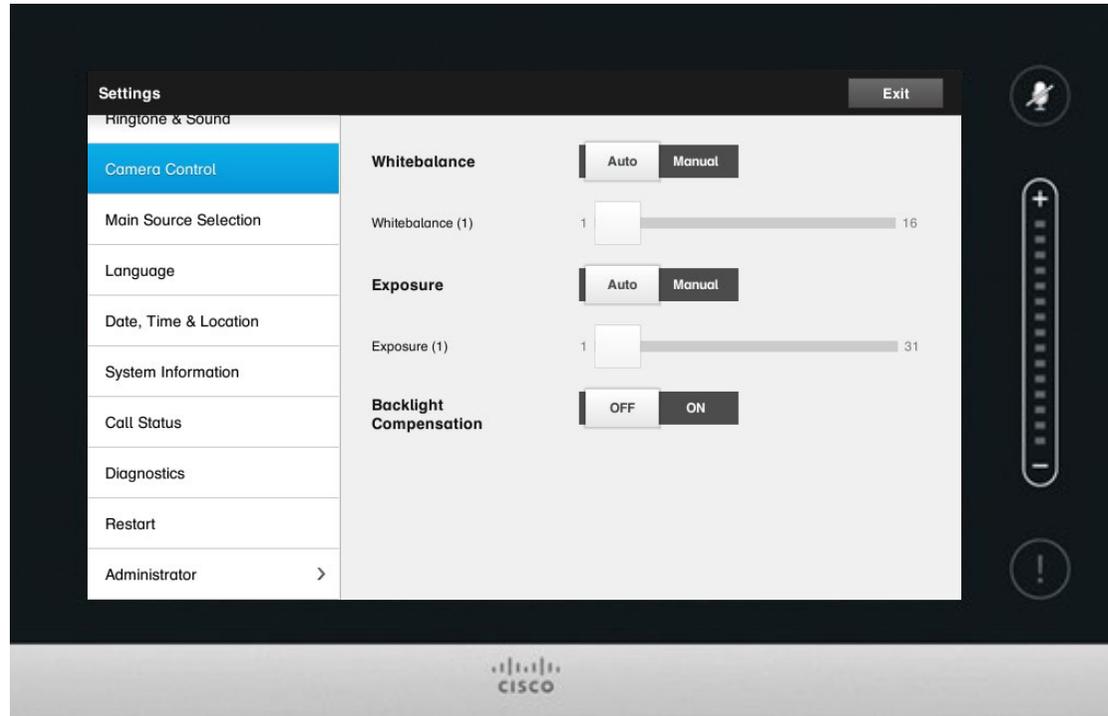
- **Keytones** *On* or *Off*. When set to on you will hear a sound every time you tap a field on the Touch controller.
- **Ringtone volume**. How loud your ringtone shall sound.
- **Ringtone**. Select among several ringtones. You will hear a sample every time you tap a ringtone.

Note how the settings chosen are indicated. In the example shown, **Keytones** is set to *On*.

To exit this menu putting any changes into effect, tap **Exit**. Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!

Managing the Settings

Camera Control



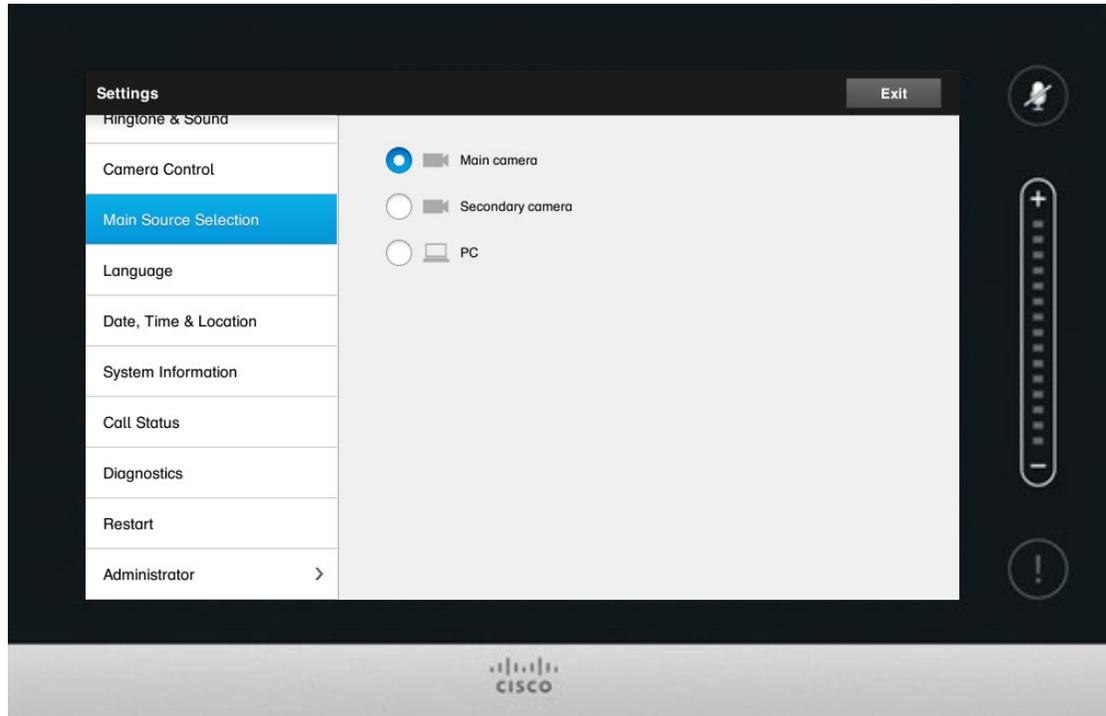
About Camera Control

The *Camera Control* window lets you set the whitebalance and exposure of the camera. If you do not want to tweak this yourself, just leave it up to the system by tapping **Auto**.

Backlight compensation comes in handy when there is much light behind you. Without compensation you will easily appear very dark to the far end.

Note how the settings chosen are indicated. In the example shown, *Backlight compensation* is set to *Off*.

Main Source Selection

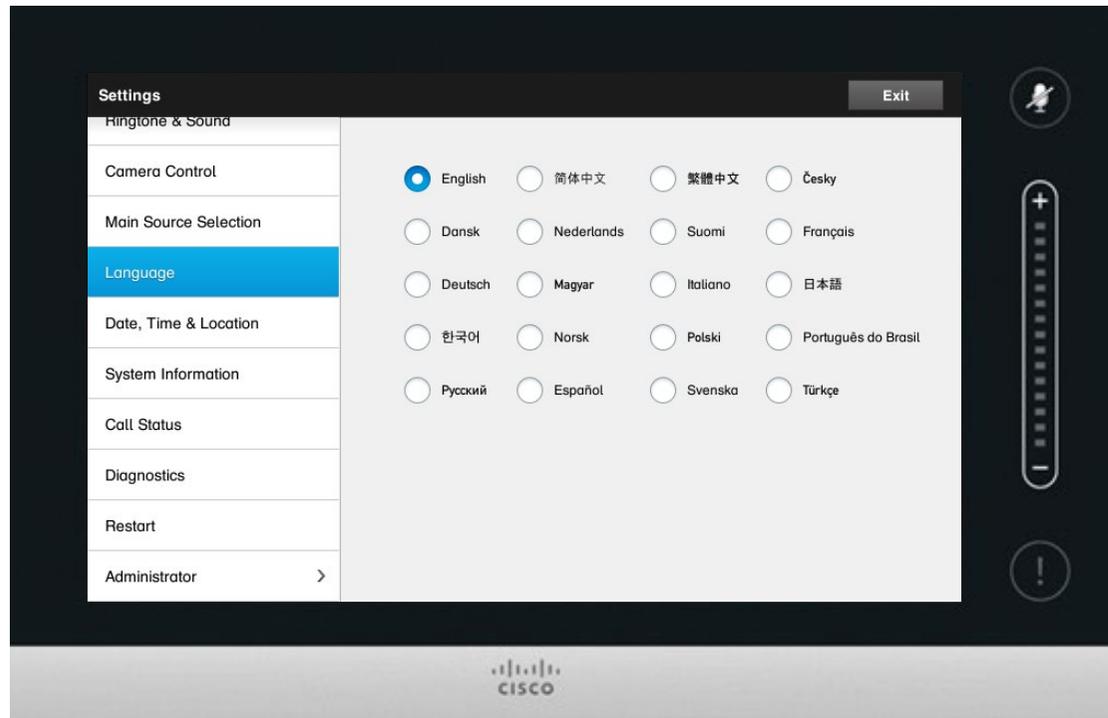


About Source Selection

Select what shall be the main source. You may still choose another when working with the system, but what you specify here will be the default setting.

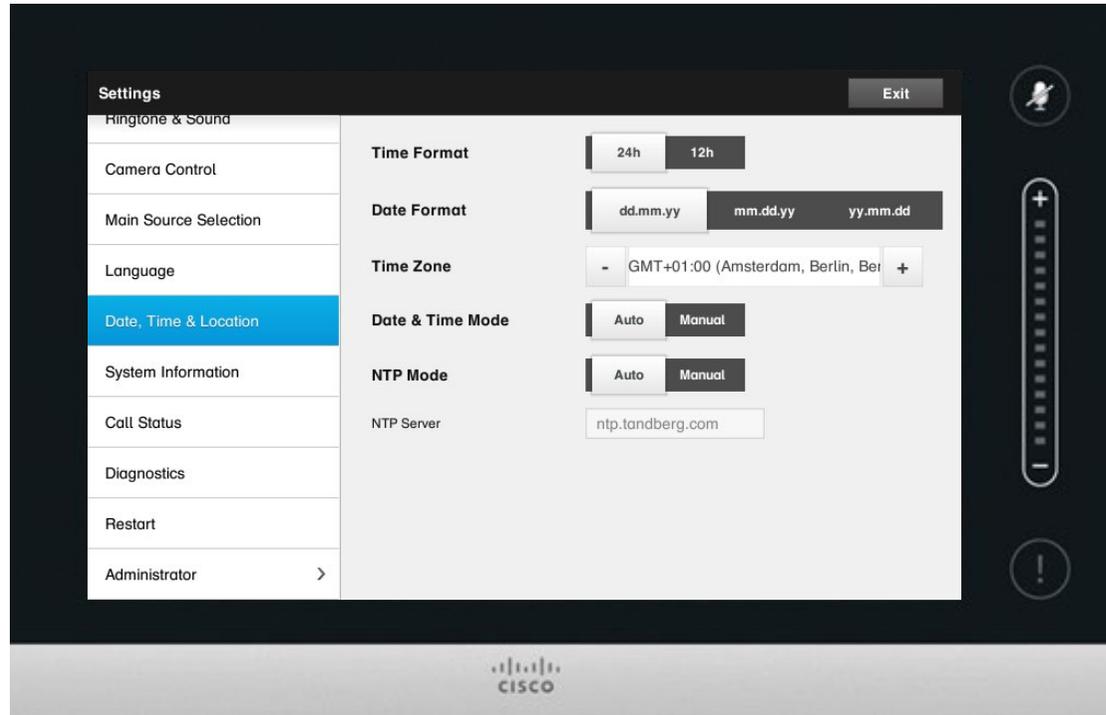
The options available are system dependent, your system may show more options or less options.

Selecting a language



The *Language* page lets you specify the Touch interface menu language.

Setting the date and time



About time setting

This window lets you specify your preferred date and time formats, as well as the time zone.

If you set the *Date and Time Mode* to *Auto* (as has been done in this example), the system will look for an NTP server and get date and time from there.

If you choose to set *NTP mode* to *Manual* (as has been done in this example), you must specify the NTP server address to make things work.

System Information



The screenshot displays the 'Settings' application with the 'System Information' section selected. The interface is dark-themed with a light-colored content area. On the left, a sidebar lists settings categories: Ringtone & Sound, Camera Control, Main Source Selection, Language, Date, Time & Location, System Information (highlighted in blue), Call Status, Diagnostics, Restart, and Administrator. The main area shows system details organized into sections: SYSTEM, NETWORK, H323, SIP, and SOFTWARE. An 'Exit' button is visible in the top right corner of the settings window. On the right side of the screen, there are navigation icons: a home icon, a volume slider, and a help icon.

Settings	System Information
Ringtone & Sound	SYSTEM
Camera Control	Name: ktcosper
Main Source Selection	Uptime: 8 hours, 23 minutes
Language	NETWORK
Date, Time & Location	IPv4 Address: 10.47.37.218
System Information	IPv6 Address: 2001:420:44ff:fd0e:250:60ff:fe83:836f
Call Status	Voice VLAN ID: Off
Diagnostics	H323
Restart	Number: 5037218
Administrator	ID: 5037218@itvm.tandberg.com
	Gatekeeper: 10.47.8.209
	Status: Registered
	SIP
	Address: 7037218@itvm.tandberg.com
	Proxy: 10.47.8.209
	Status: Registered. Secured. Not verified.
	SOFTWARE
	Version: TC6.2.0 Beta5 (TEST SW, tc-6.2.0-beta5-60-ge7fa1dc)
	Touch Screen: TT6.2.0 Beta5 e7fa1dc 2013/06/18-12:12:23
	Options Installed: MultiSite, NaturalPresenter, PremiumResolution

About System Information

The *System Information* window contains information on the system's software and hardware versions and connections, SIP and H.323 status etc.

This information is typically what you will be asked by the technical staff to provide in the unlikely event of system malfunction.



Call Status



Settings Exit

Ringtone & Sound

Camera Control

Main Source Selection

Language

Date, Time & Location

System Information

Call Status

Diagnostics

Restart

Administrator >

PARTICIPANT(S)

URI: _____

Call Rate: n/a Encryption Type: n/a

Protocol: n/a Encryption Status: n/a

VIDEO

	Transmit	Presentation	Receive	Presentation
Protocol:	n/a	n/a	n/a	n/a
Resolution:	n/a	n/a	n/a	n/a
Frame Rate:	n/a	n/a	n/a	n/a
Channel Rate:	n/a	n/a	n/a	n/a
Total Packet Loss (%):	n/a		n/a	
Current Packet Loss (%):	n/a		n/a	
Jitter:	n/a		n/a	

AUDIO

	Transmit	Receive
Protocol:	n/a	n/a
Channel Rate:	n/a	n/a
Total Packet Loss (%):	n/a	
Current Packet Loss (%):	n/a	
Jitter:	n/a	n/a

CISCO

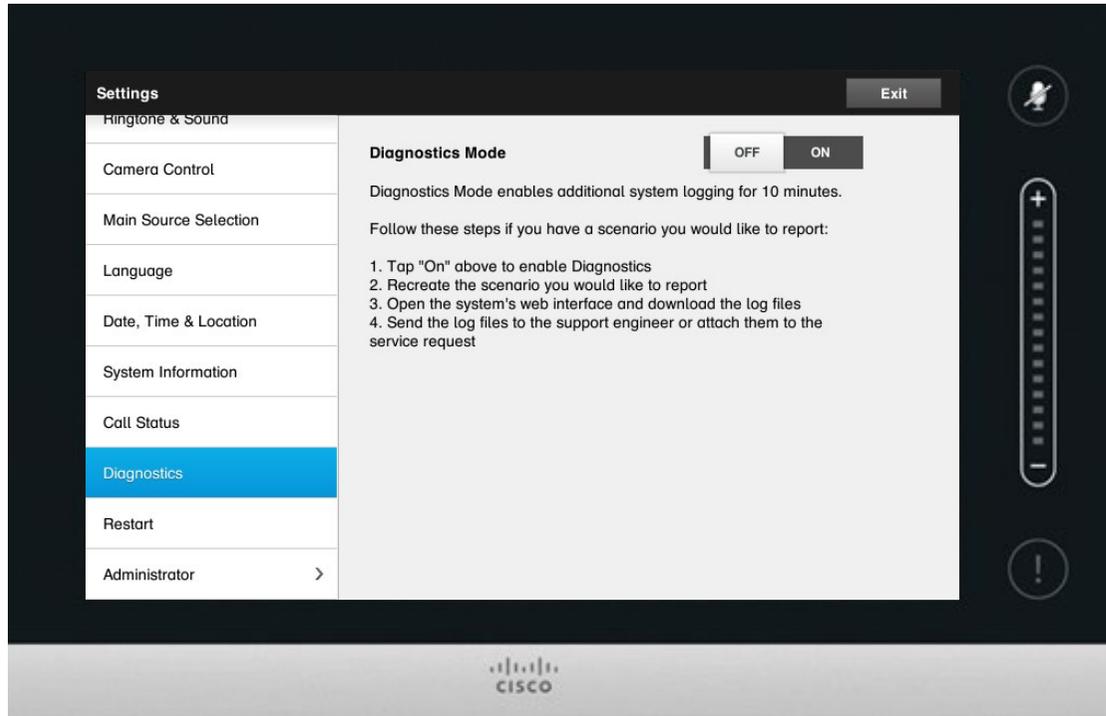
About Call Status

The *Call Status* window provides information on call rate, encryption, as well as important video and audio parameters.

This information is typically what you may be asked by the technical staff to provide in the unlikely event of system malfunction.



Diagnostic Mode



About Diagnostics

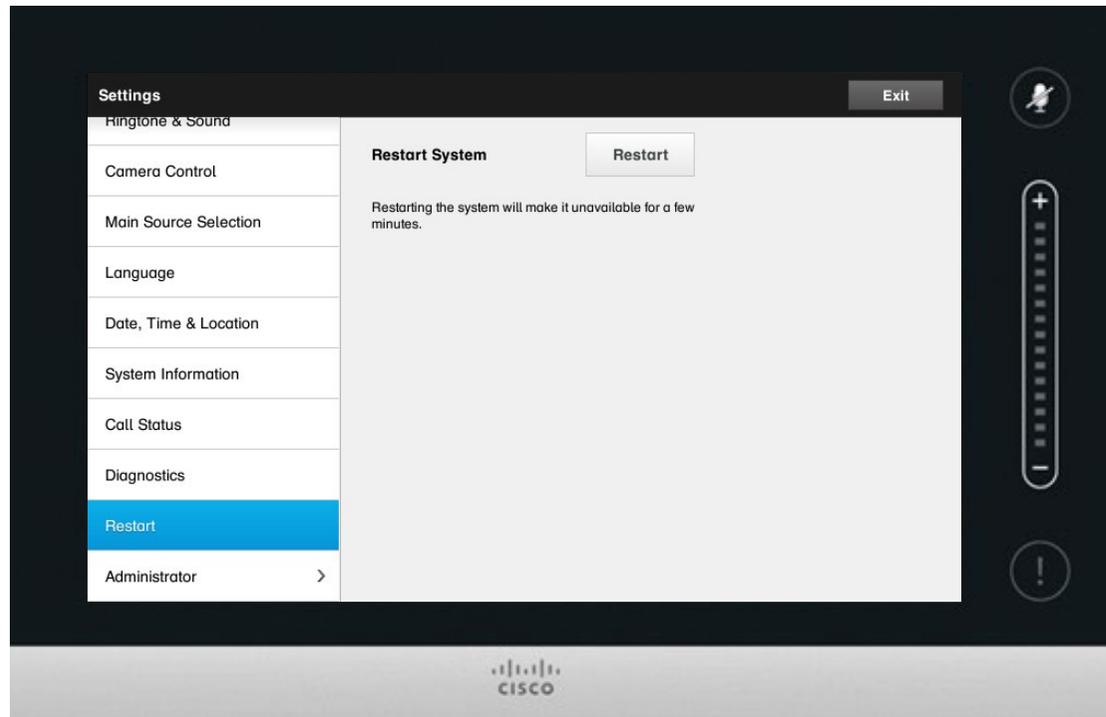
For troubleshooting purposes you may enable additional system logging. Follow the on-screen instructions.

Note that system performance may be influenced by an ongoing system logging.

This information is typically what you may be asked by the technical staff to provide in the unlikely event of system malfunction.

Managing the Settings

Restart System



About Restart

Use this to restart your system in an orderly and controlled manner. No settings are lost.

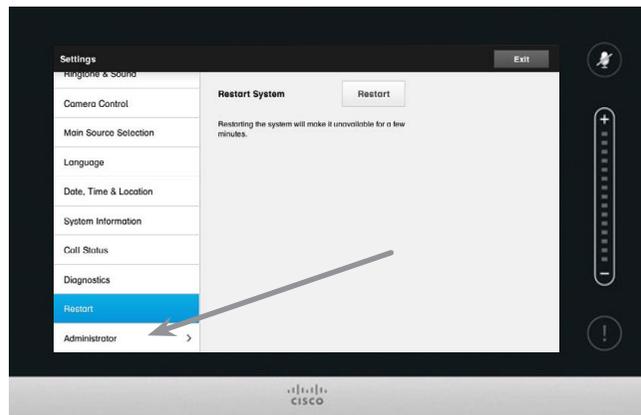
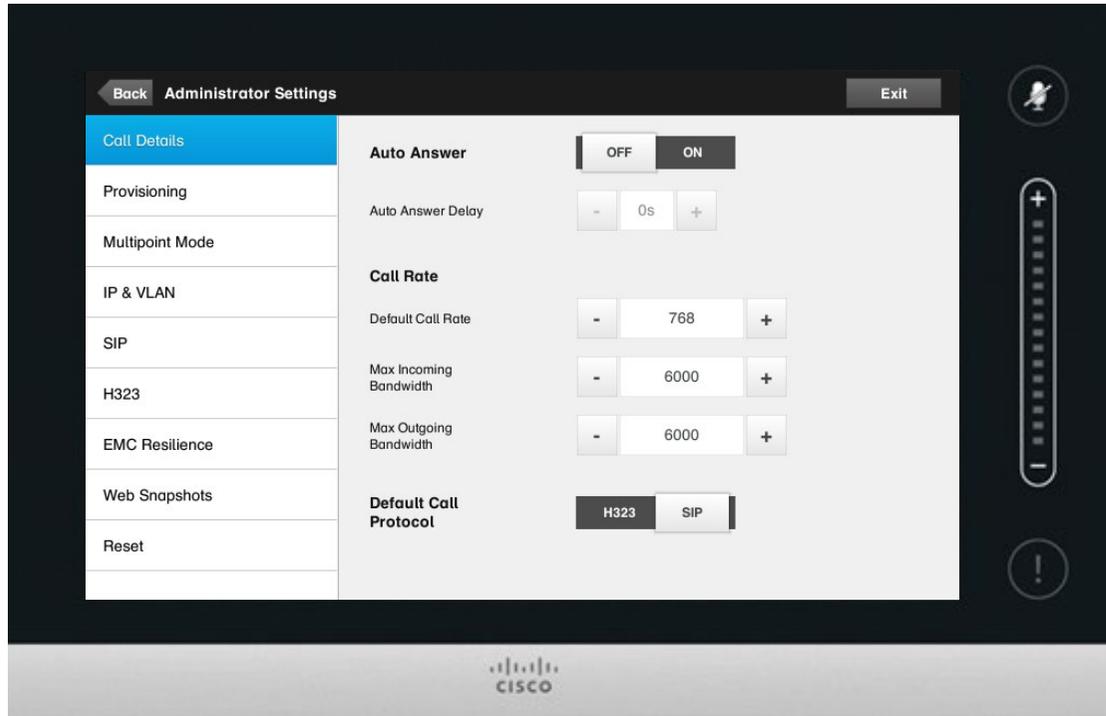
Administrator Settings—Call Details

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



To enter the *Administrator Settings*, you must tap **Administrator**, located below **Restart**, as outlined. This will take you to the *Administrator Settings* right away.

Note that access to these settings may have been password protected by your Video Support Team.

About Call Details

If you enable *Auto Answer* the system will respond by itself to incoming calls after a delay specified by you. Note that an activated auto answer may not provide you with the privacy desired. In the example shown here *Auto Answer* is set to *Off*.

On certain occasions you may have to change the bandwidth (and hence the quality) of the call. Some configurations may have different incoming and outgoing bandwidths (typically ADSL connections), and you may specify the default call rate to ensure a stable video quality.

The default protocol may also be specified. In the example shown, the protocol has been set to *SIP*.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



Administrator Settings—Provisioning Wizard

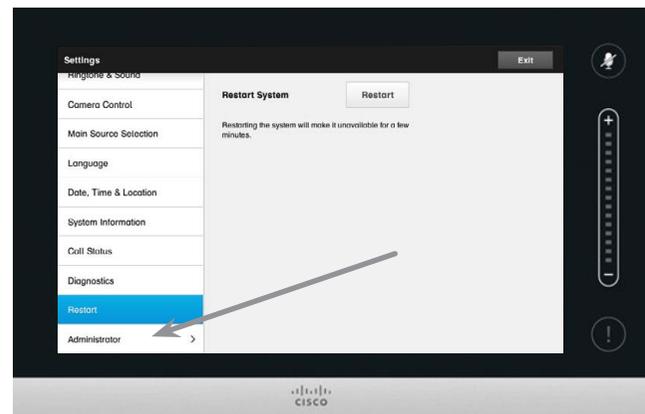
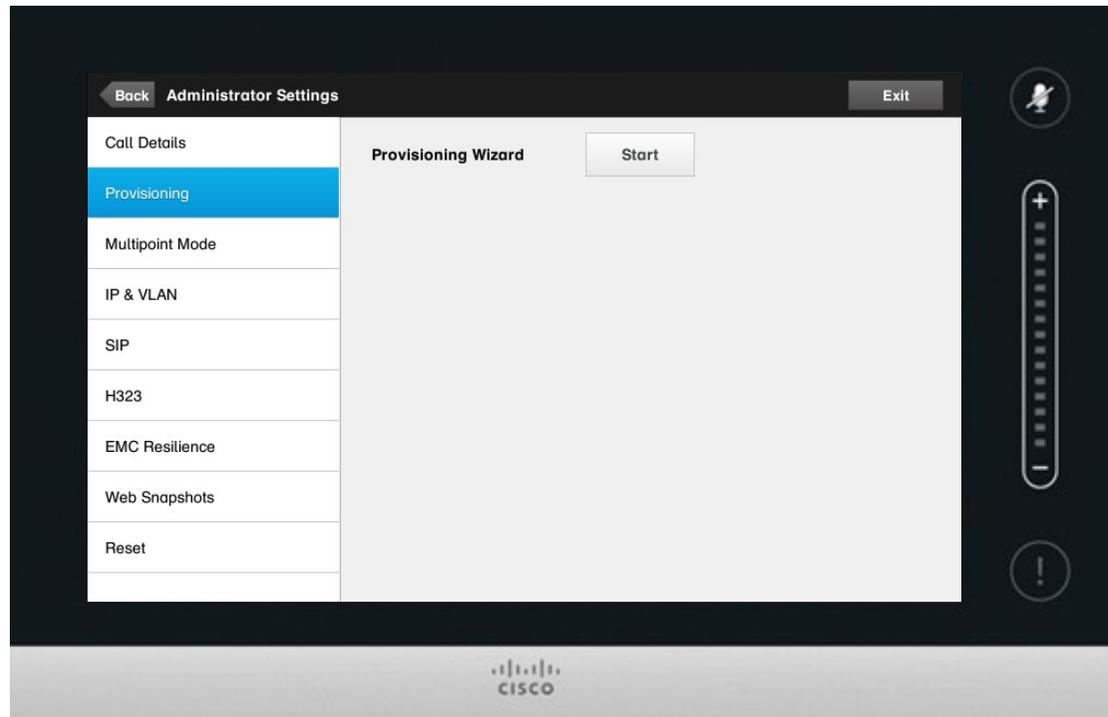
About the Wizard

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



To enter the *Administrator Settings*, you must tap **Administrator**, located below **Restart**, as outlined. This will take you to the *Administrator Settings* right away.

Note that access to these settings may have been password protected by your Video Support Team.

There is a *Provisioning Wizard* available to get your system online. Tap **Start** and follow the on-screen instructions.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



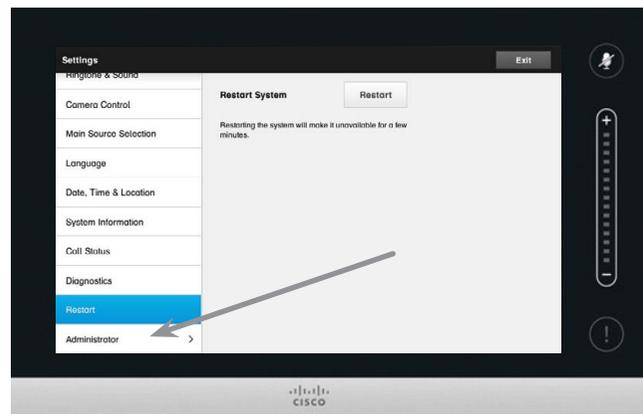
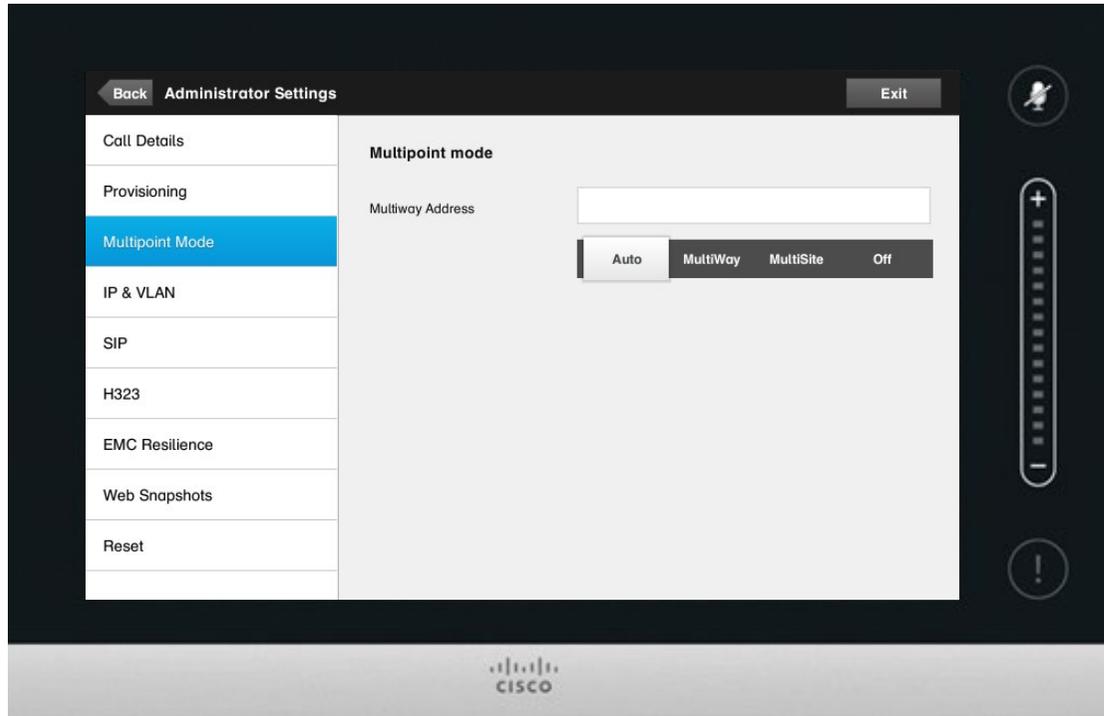
Administrator Settings—Multipoint mode

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



To enter the *Administrator Settings*, you must tap **Administrator**, located below **Restart**, as outlined. This will take you to the *Administrator Settings* right away.

Note that access to these settings may have been password protected by your Video Support Team.

About Multipoint

There are basically two modes of video conferencing; viz. MultiWay and MultiSite.

- To enable MultiWay, a MultiWay address must have been entered.
- If a MultiWay address has been specified and MultiWay is selected, MultiWay will always be used for video conferencing.
- If a MultiWay address has been specified, but MultiSite is selected, MultiSite will be used.
- If set to Auto, MultiWay will be used if a MultiWay address has been specified, otherwise MultiSite will be used.
- If set to Off, no video conferencing will be possible.
- Any use of the MultiSite feature requires the presence of the MultiSite option.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



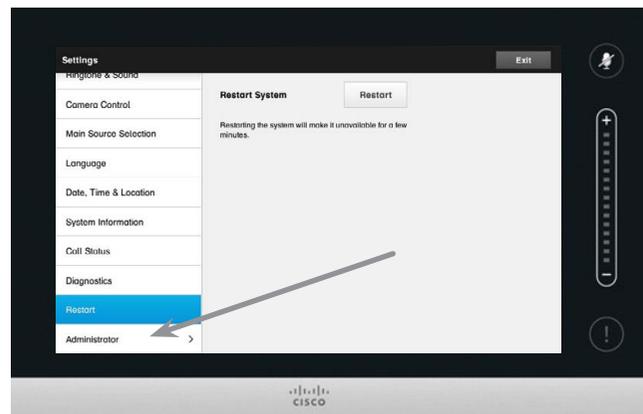
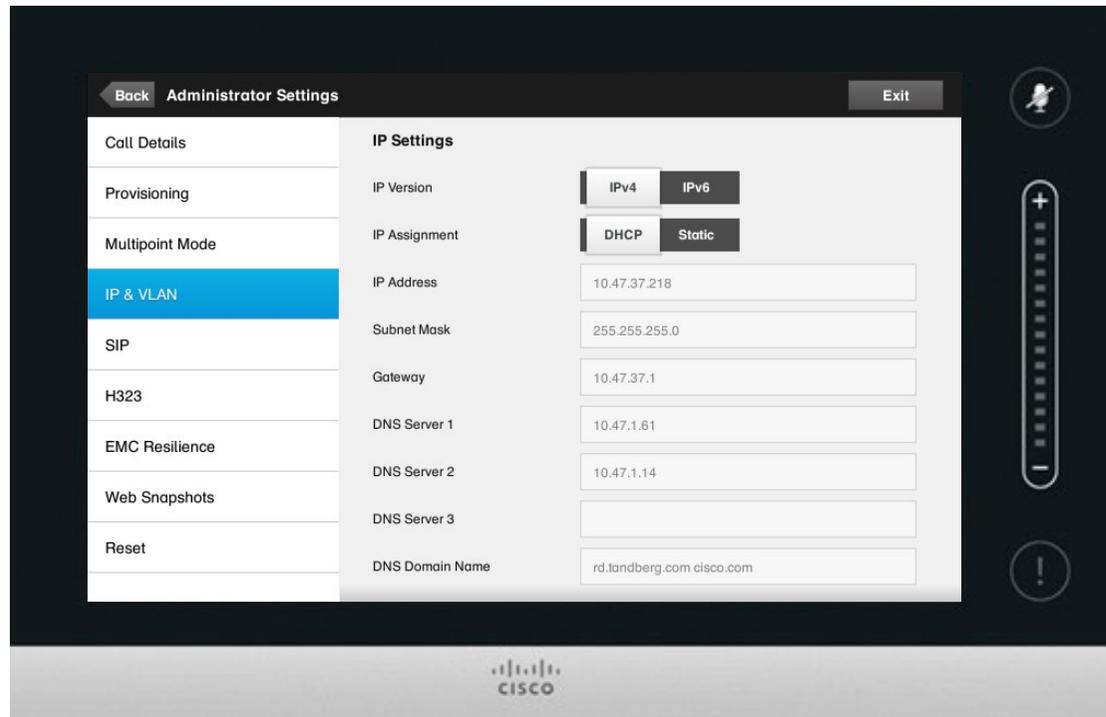
Administrator Settings—IP & VLAN

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



To enter the *Administrator Settings*, you must tap **Administrator**, located below **Restart**, as outlined. This will take you to the *Administrator Settings* right away.

Note that access to these settings may have been password protected by your Video Support Team.

About IP Settings

You may specify whether to use IPv4 or IPv6 and whether to use static IP address or DHCP.

When set to *Static*, applicable addresses must be set accordingly.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



Administrator Settings—SIP

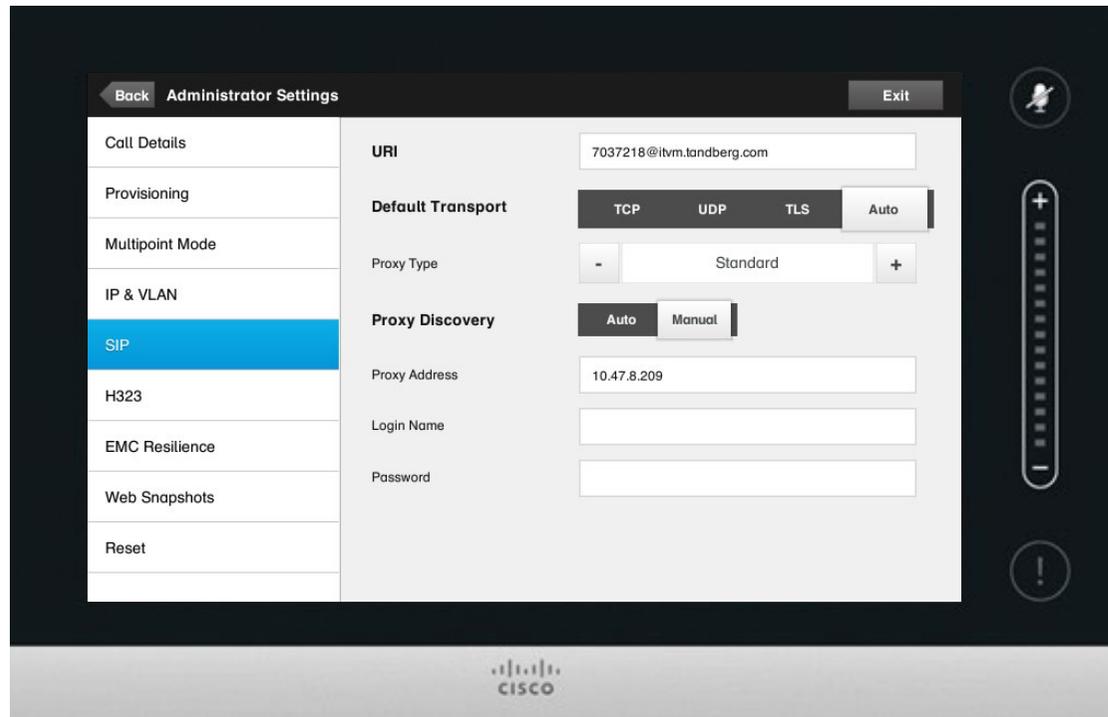
About SIP Settings

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

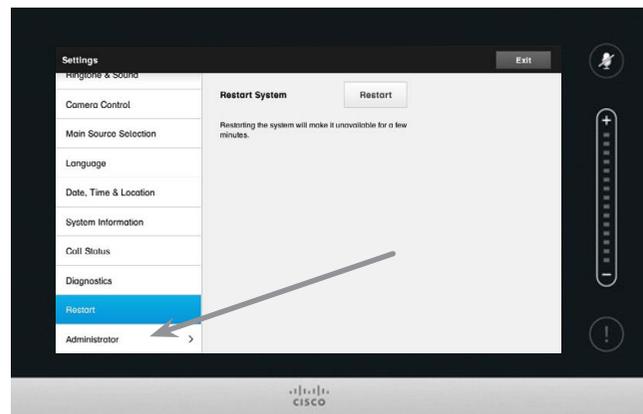
Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



Use this page to set up SIP.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



To enter the *Administrator Settings*, you must tap **Administrator**, located below **Restart**, as outlined. This will take you to the *Administrator Settings* right away.

Note that access to these settings may have been password protected by your Video Support Team.



Administrator Settings—H323

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!

To enter the *Administrator Settings*, you must tap **Administrator**, located below **Restart**, as outlined. This will take you to the *Administrator Settings* right away.

Note that access to these settings may have been password protected by your Video Support Team.

About H323 Settings

Use this page to set up H323.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



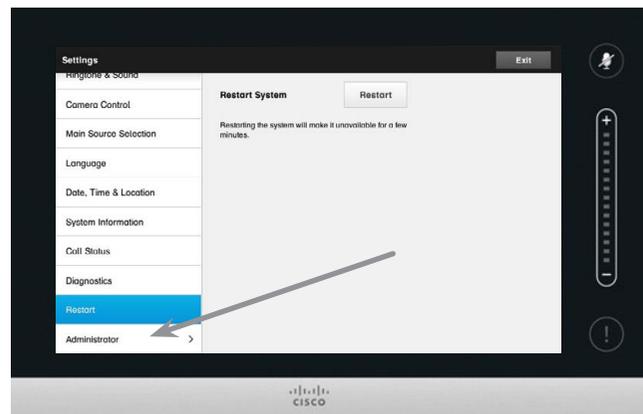
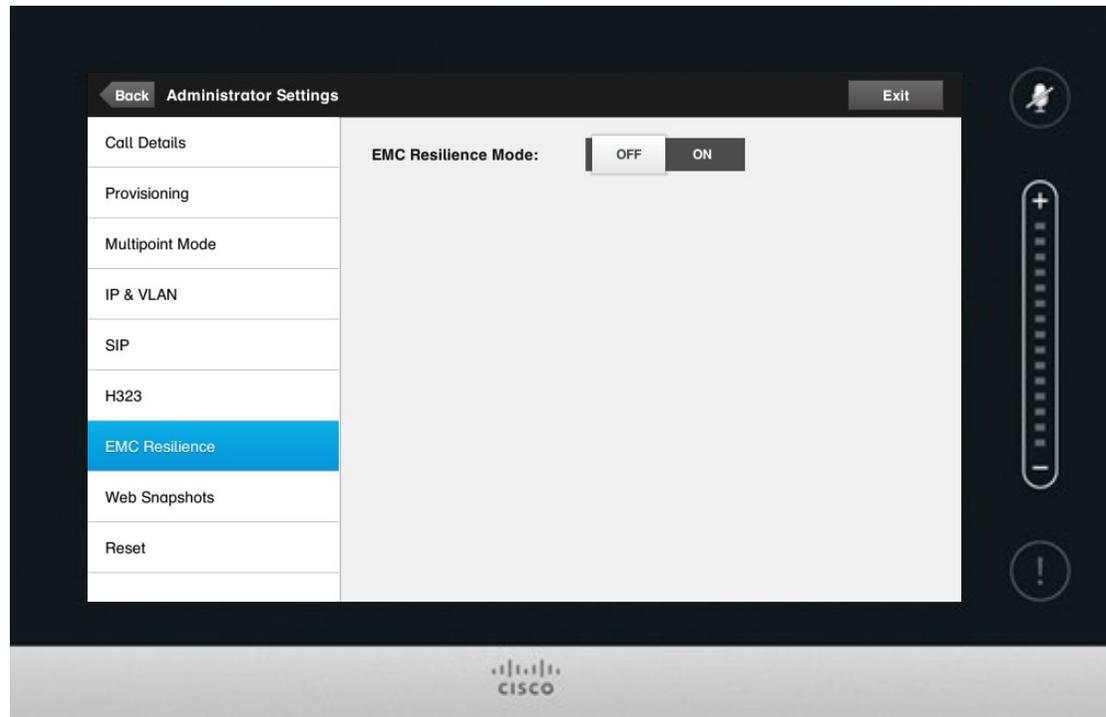
Administrator Settings—EMC Resilience Mode

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



To enter the *Administrator Settings*, you must tap **Administrator**, located below **Restart**, as outlined. This will take you to the *Administrator Settings* right away.

Note that access to these settings may have been password protected by your Video Support Team.

About EMC Resilience

If the Touch controller is used in environments with considerable amounts of electromagnetic noise present, you may experience an appearance of false signals—as if someone tapped the Touch controller when obviously nobody did so.

To cope with this you may set the *EMC Resilience Mode* to *On*. You must then press and hold for a little while, rather than just tap, in order to make the system aware of your tapping. This will prevent the appearance of spurious signals.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



Administrator Settings—Web Snapshots

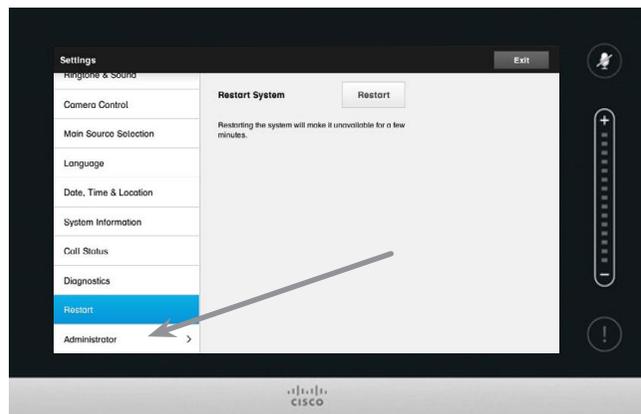
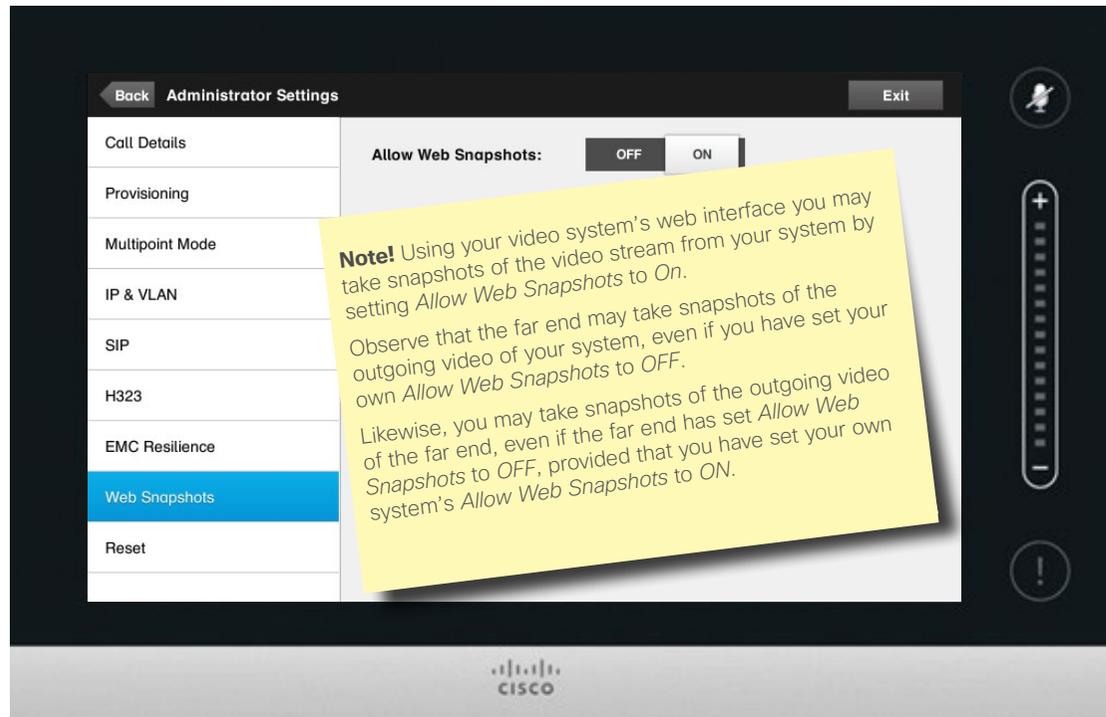


To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



To enter the *Administrator Settings*, you must tap **Administrator**, located below **Restart**, as outlined. This will take you to the *Administrator Settings* right away.

Note that access to these settings may have been password protected by your Video Support Team.

About snapshots

You may gain access to your video system through its web interface, see the Administration Guide for more.

From the web interface you may generate snapshots of the video stream from your system. You may also generate snapshots from the outgoing video of the far end system.

However, you cannot take snapshots unless you have set the *Allow Web Snapshots* to *ON*, as shown here.

Snapshots cannot be taken if the call is encrypted. Encryption will disable the snapshot feature at both ends, regardless of the local settings of the *Allow Web Snapshots* parameter.

The web snapshot feature applies to Point-to-Point as well as MultiSite calls (but to unencrypted calls only).

In this context a MultiWay call should be regarded as a variant of Point-to-Point call as it is the MCU who is controlling the call and your system is connected to the MCU as in a Point-to-Point call.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!

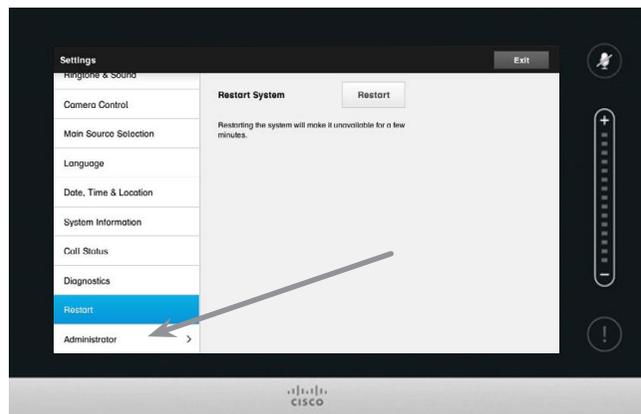
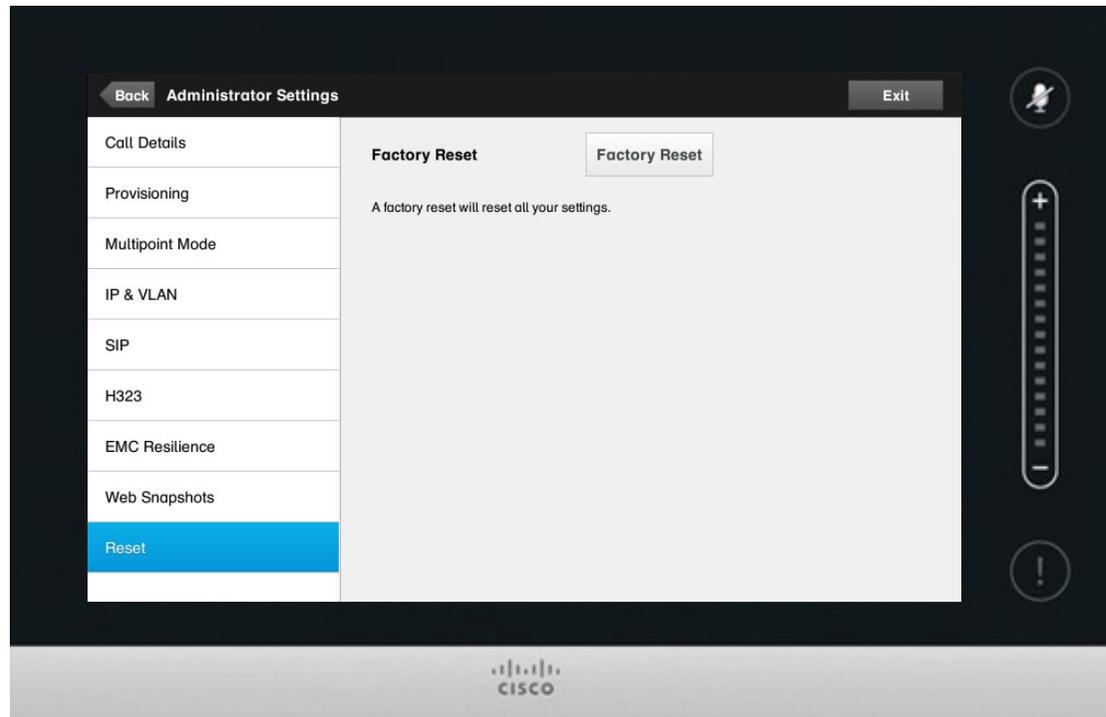
Administrator Settings—Factory reset

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



To enter the *Administrator Settings*, you must tap **Administrator**, located below **Restart**, as outlined. This will take you to the *Administrator Settings* right away.

Note that access to these settings may have been password protected by your Video Support Team.

About Factory reset

You may want to perform a *Factory Reset* your video system. Note that you will lose all configurations, the call history and your local list of contacts (Favorites and History). Release keys and options installed will be retained.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!





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