



Codec C90



Codec C60



Codec C40









Quick Set C20/C20 Plus

TC 4.1



The Profile, the Quick Set C20 and Quick Set C20 Plus, as well as solutions based on the Codec C Series, bring colleagues faceto-face at the touch of a button through a user-friendly touch screen interface.

Easily share presentations and multimedia to spark ideas and generate better discussions.



# Use with Cisco TelePresence Touch





# What's in this guide?

The top menu bar and the entries in the Table of Contents are all hyperlinks. Just click on them to go to the topic.

We recommend that you visit the Cisco web site regularly for updated versions of this guide.

Go to: http://www.cisco.com

This document describes the use of the Cisco TelePresence Touch with the Cisco TelePresence System Profile Series, Codec C Series and Quick Set C20. For a description on how to use these video systems with the remote control Cisco TRC5, we refer to the TC4.0 User Guide which is available separately for download.

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**Chapter 1**Getting started



# The basics of the Touch Controller



# Basic operating principles















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Use + and - to adjust the zoom and the arrow keys to adjust the camera's angle.



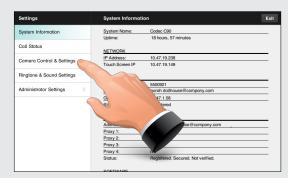
Tap Back to go one level back, or tap anywhere outside to exit the menu.



# Camera whitebalance, exposure, and backlight compensation





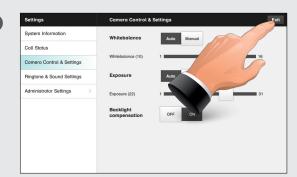


Tap **Camera Control & Settings** to open the menu ...



... then tap the **Manual** setting of **Whitebalance** and **Exposure** to adjust the settings or set them to **Auto** to let the system decide.

**Backlight compensation** improves the outgoing image when there is a strong light behind you.



Tap Exit when done.



#### Sound matters

You may deactivate the microphone for privacy reasons, if needed (1).

Tap as outlined (2) to adjust the sound volume.



# Ring tones and sounds

To set ringtones and sound, tap More (1) followed by Settings (2). Then tap **Ringtone & Sound Settings** (3).



Set **Keytones** to **On** or **Off**, the **Ringtone volume** and select the ringtone of your choice. Tap **Exit** to go back.

#### Do not disturb

When set to **Do Not Disturb**, ringtones are muted and missed calls you get while having DND active, will be presented.

You may, however, place calls as much as you like. To activate this feature, press the icon in the upper left corner. Press again to deactivate.



You may also hide the Do Not Disturb poster by tapping **Hide**.

# Receiving calls

When someone calls you, the below display will appear. Tap **ACCEPT** to accept the call or **DECLINE** to decline it.







**Chapter 2** Placing calls



# Calling someone by dialing the number or the UR

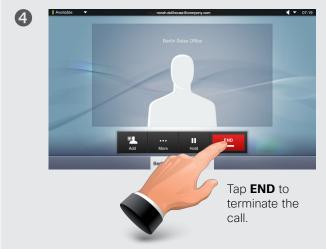




This will produce the virtual keyboard.

Tap **ABC** to switch to the QWERTY keyboard and tap **123** to switch to the numeric keyboard. Key in the number or URI (2)





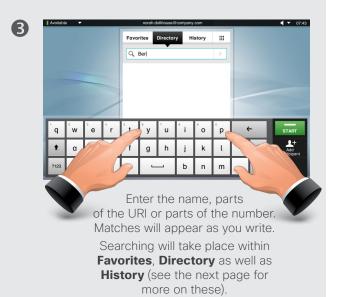


# Searching for an entry in any of the lists





... then tap **Search or Dial**.







... then tap the entry to be called (1) and then tap START (2) to place the call.





# Calling an entry in one of the lists





... then tap Favorites, Directory, or History.





... then tap the entry to be called and the **Place a call** dialog box appears. Tap **Start** to place the call.





**Favorites.** The list of favorites is your own shortlist of people and places you frequently call or otherwise want to have easy access to.

**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.

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

**Keypad.** Tap the keypad icon im to produce the keypad to enter a number or URI.



# Calling more than one

Calling several to initiate a video conference is an optional feature. If your system permits it, you may set up a list of several participants and then call them all in one go.

Enter a number or URI, or pick an entry from the **Directory**, the list of **Favorites**, or from the **History**.







The entry will appear on the bottom line of the touch pad, as outlined.





Repeat the procedure to add more participants,. The maximum number of participants possible will depend on your system's configuration.



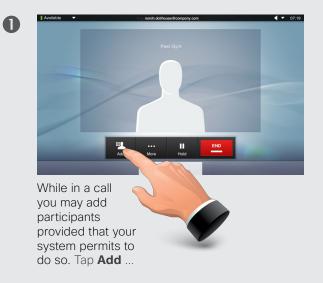
Harry P.Ofter Alice Wonderland

Tap **END** to terminate the econference. To disconnect

Tap **END** to terminate the entire conference. To disconnect just one of the participants, tap the participant's name along the bottom line and then tap **END**.



# Adding participants to an ongoing cal





... then select, in the usual way, whom to add to the ongoing call.



Once you have selected someone, the **ADD TO MEETING** dialog box wil be produced ...



... then tap **ADD TO MEETING** to include this participant in the meeting.

5

Repeat the procedure from **2** to include more participants, if needed. The maximum number of participants will depend on the system configuration.









**Chapter 3**Using Favorites,
Directory and History



### History

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

Tap **History** to produce the list ...



You will now be able to:

- Call the entry by tapping Start.
- Add the entry to an ongoing call (optional feature).
- 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. To do this, scroll as outlined beyond what appears to be the top of the list.
   A Clear List button will then appear.



# 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 **Contacts** (if needed) and then tap **Directory**. The directory is typically organized as folders.



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.

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.

#### avorites

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

Adding to Favorites. To add someone to the list of favorites, locate the entry in **Directory** or **History** (as outlined) and tap it (1). This will produce a dialog box which allows you to tap Add to Favorites (2).



You may now edit the entry, if needed—just tap a field and the keyboard will be produced. Tap **Save** to put changes into effect



**Favorites** should be considered as an editable directory and is used in the same way as **History**.

# Searching

You may search for entries (numbers or URIs). Searches will be conducted within all the folders, i.e. within the **Favorites**, the **Directory** and the **History**.

Tap in the **Search or Dial** field and key in the name, URI or number. Matches will appear as you search.

Once located, tap the entry to call, edit or add to Favorites.



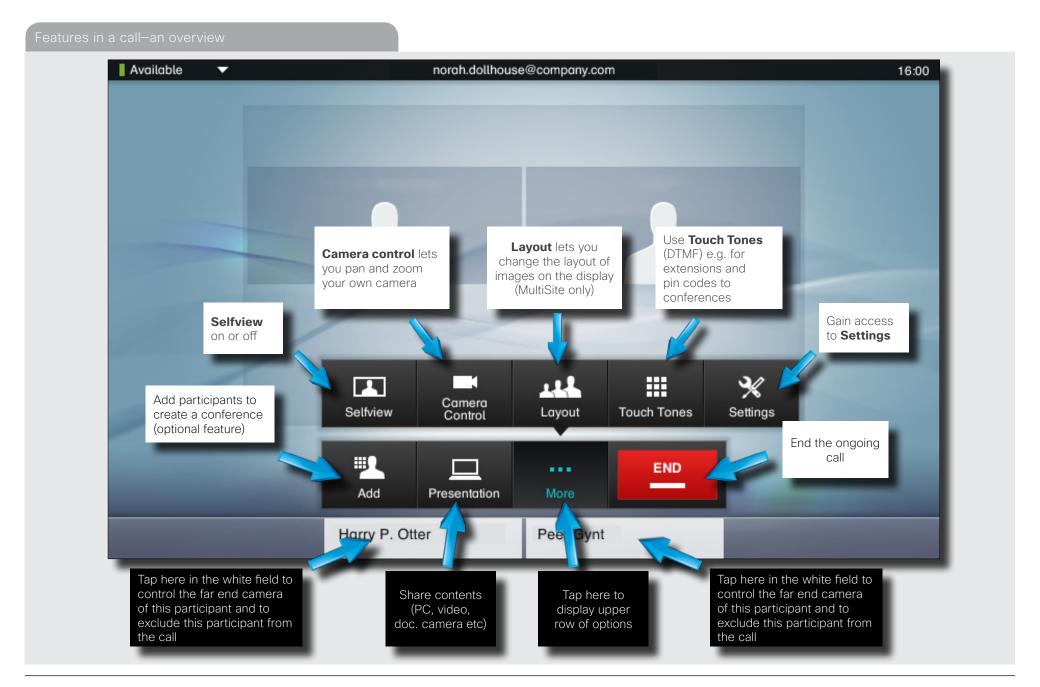
When searching within the corporate **Directory**, the search will apply to the current directory folder and its subfolders only. To go one level up, tap **Back**. To make the search apply to the entire corporate directory, do not enter (tap) any folder before the search is commenced.



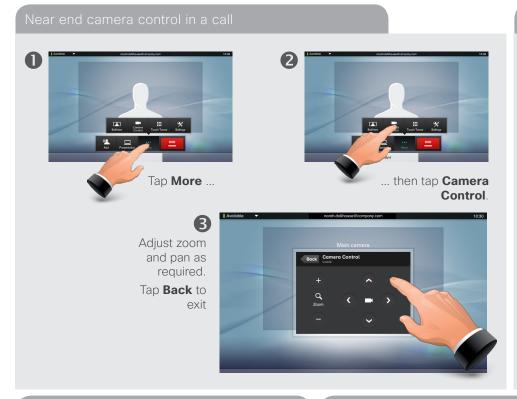


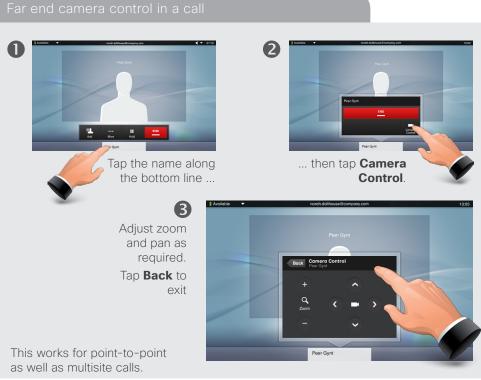
**Chapter 4**In-call features











#### Camera presets in a call

Camera presets cannot be accessed in this version. They are currently available only when the system is used with the Cisco remote control.

Note that when the endpoint/codec has been paired with the Touch control device, the system will refuse to accept commands from the remote control.

# Using Touch Tones (DTMF) in a call

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









# Sharing contents—conducting presentations



Make sure your presentation source is connected to the video system before you start.







... then select source by scrolling horizontally, if needed ...







... then tap **Stop Presenting** to actually stop sharing contents.

Note that you may alter the screen layout when sharing contents—see the next page for more. Applies to when being in a call only.



0

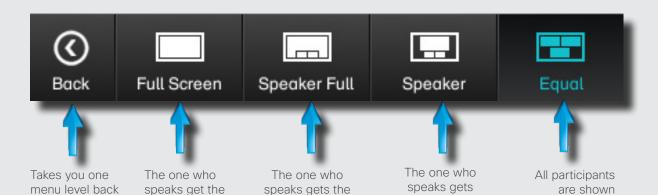
# Layout contro



call or in a Point-to-point call with a presentation, you may alter the layout on the screen. To do this start by tapping **More** ...







main frame. The

others are hown

as PiP (Picture in

Picture).

When a presentation is included in a call, all participants will be shown **above** the presentation, instead of below. This will provide a better feeling of eye contact.

Full screen will show the presentation only.

Changes to this set of layouts made by the TC-console utility are not supported and will be ignored.

full screen.

shown.

Nothing else is

in frames of

identical sizes.

the main frame.

The others

are shown as

images below

the main frame.



The video endpoints whose use is described in this manual 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 Controller provides access to a limited set of parameters only.

# **Chapter 5**

The Settings

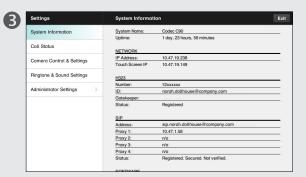


# Gaining access to the Settings

Access the Settings as follows:





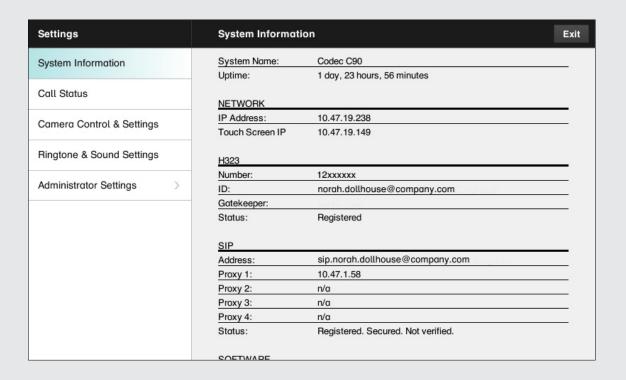


... and then you get access to the settings available. Observe that there are several other settings available, but these can be acessed from the web interface only. See the Administrator guide for your Cisco product. This guide is available for download separately.



# System Information

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





#### Call Status

The **Call Status** pane provides in-call information on such things as call rate and frame rate, protocols used, packet loss and jitter.

Settings	Call Status				Ex
System Information	Remote URI: peer.gynt@himsetf.enough.no				
	Call Rate:	768	Encryption Type:	None	
Call Status	Protocol:	sip	Encryption	Off	
Camera Control & Settings	VIDEO	Transmit	Presentation	Receive	Presentation
	Protocol:	H264	Off	H264	Off
Ringtone & Sound Settings	Resolution:	768x448	n/a	768x448	n/a
	Frame Rate:	30	n/a	29	n/a
Administrator Settings >	Channel Rate:	704 kbps	n/a	664 kbps	n/a
	Total Packet Loss	0.0%		0.0%	
	Current Packet Loss	0.0%		0.0%	
	Jitter:	1 ms		2 ms	
	AUDIO	Transmit		Receive	
	Protocol:	AACLD - Mono		AACLD - Mono 63 kbps 0.0%	
	Channel Rate: 63 kbps				
	Total Packet Loss	0.0%			
	Current Packet Loss	0.0%		0.0%	
	Jitter:	2 ms		0 ms	

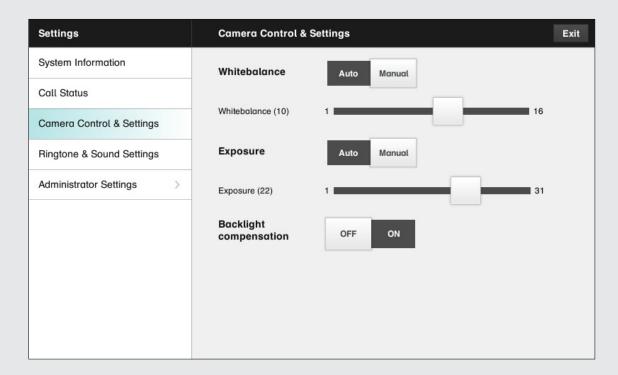


# Camera Control & Settings

The **Camera Control & Settings** pane lets you set the whitebalance and exposure of the camera. If you do not want to tweak this yourself, just leave it to the system by selecting **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.



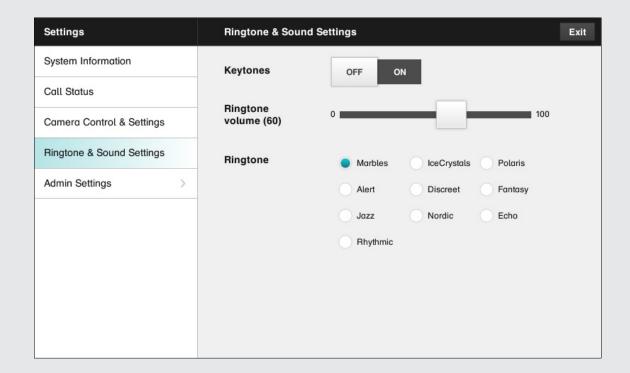


# Ringtone & Sound Settings

The **Ringtone & Sound Settings** pane 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 are set to Off.



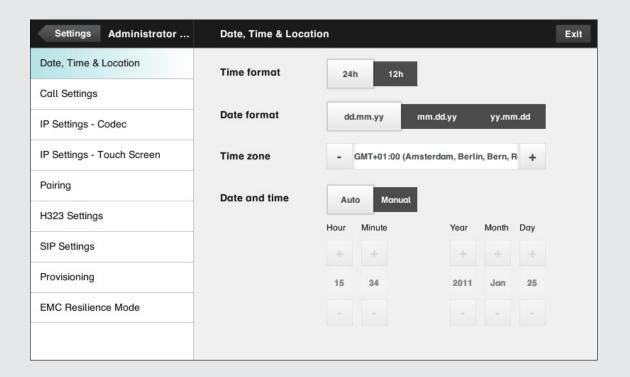


# Administrator settings-Date, Time & Location

The **Date, Time & Location** settings let you specify:

- 24h or 12h time format.
- Your preferred date format.
- Your preferred time zone.
- Whether date and time shall be set automatically or manually.

Note how the settings chosen are indicated. In the example shown, Time format is set to 24h.



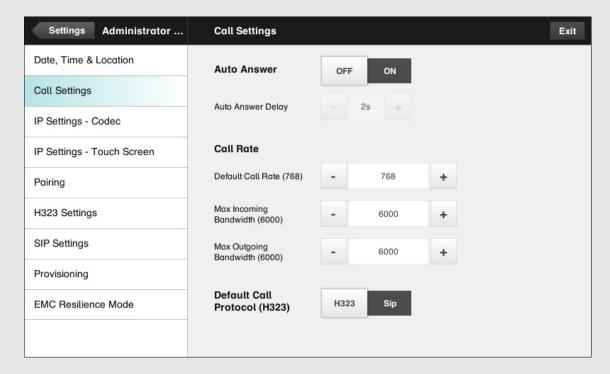


# Administrator settings—Call settings

The **Call Settings** pane lets you specify:

- Auto Answer On or Off. If you set this to On, the system will respond automatically to incoming calls. Note that the microphone wil NOT be muted. If risk of eavesdropping is an issue, you may want to set this setting to Off.
- Auto Answer Delay. Specify the time until your system actually reponds to an incoming call.
- Default Call Rate. If your connection has limited capacity you may want to use this setting.
- Max Incoming/Outgoing Bandwidth. You may specify these separately. May come in handy if you are on an asymmetric connection.
- Default Call Protcol. Specify which protocol to use as default.

Note how the settings chosen are indicated. In the example shown, Auto Answer is set to Off.

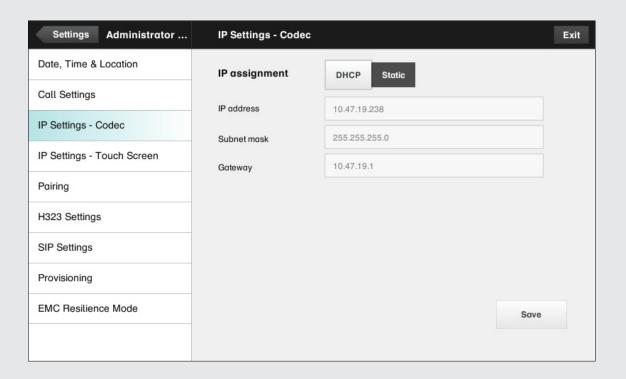




# Administrator settings-IP settings for the coded

The **IP settings** pane for the Codec of the system lets you specify:

The use of **DHCP** or **Static** IP addresses. If you decide to use **Static**, make sure you tap **Save** before leaving the menu.

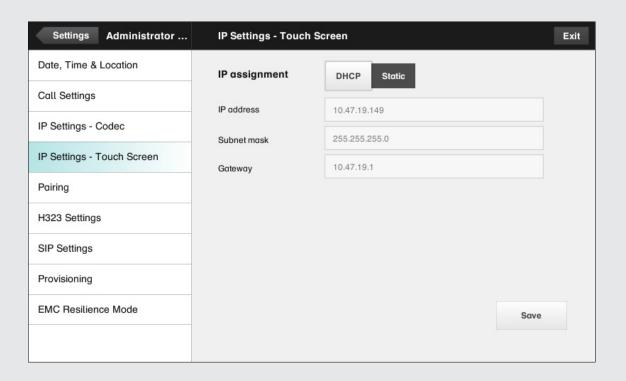




# Administrator settings-IP settings for the Touch controlle

The **IP settings** pane for the Touch controller of the system lets you specify:

The use of **DHCP** or **Static** IP addresses. If you decide to use **Static**, make sure you tap **Save** before leaving the menu.

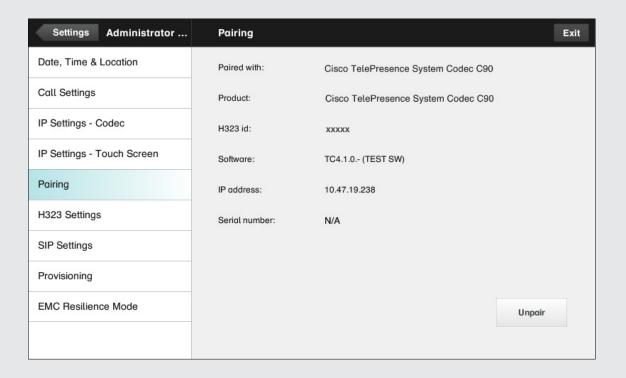




# Administrator settings–Pairing

The **Pairing** pane shows status on the pairing of the Codec and the Touch controller of your video system.

It also provides you with the option of unpairing the two.





# Administrator settings—H.323 settings

The **H.323 Settings** pane lets you specify:

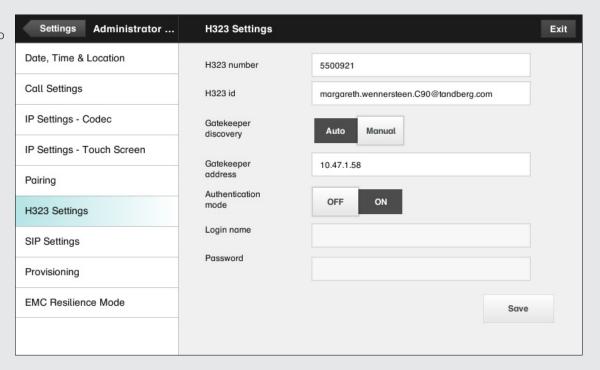
- An H.323 alias.
- Your **H.323** id.
- Gatekeeper discovery (Manual or Automatic).
- The Gatekeeper address must be specified by you if discovery has been set to manual.
- Authentication mode On or Off. If set to On, the video system will send Login name and Password to the Gatekeeper for authentication.

#### In addition there are:

 Two fields to enter Login name and Password. The alphanumeric keyboard will appear whenever needed.

### Be sure to:

Tap Save to put changes into effect.





# Administrator settings—SIP settings

The **SIP settings** pane lets you specify:

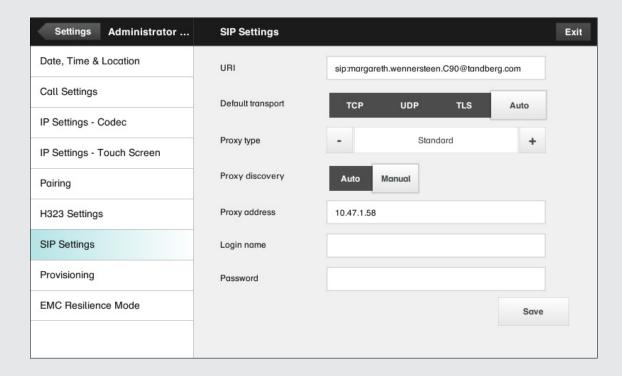
- Your URI.
- The Default transport layer, this can be set to TCP, UDP, TLS or Auto.
- The Proxy type can be set to Standard, Alcatel, Avaya, Cisco, Microsoft, Nortel, Experimental, Siemens.

The experimental setting is for testing purposes.

- Outbound is not used in this version.
- Proxy discovery can automatic or manual. In the case of manual the proxy address must be specified by you.
- Login name and Password is required by the VCS.

### Be sure to:

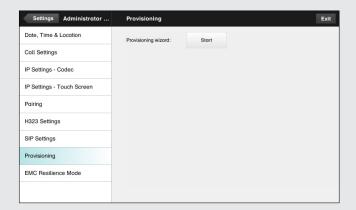
Tap Save to put settings into effect.



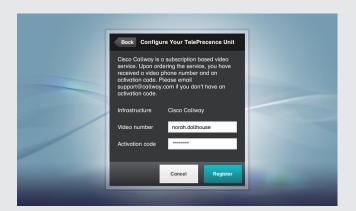


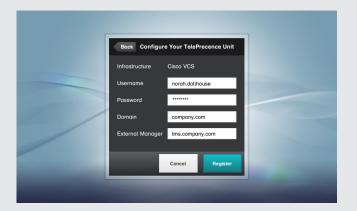
# Administrator settings—Provisioning

Provisioning connects you to Callway or VCS. When either of these were ordered and received from Cisco you should also have obtained the necessary information and codes. Just follow the wizard.







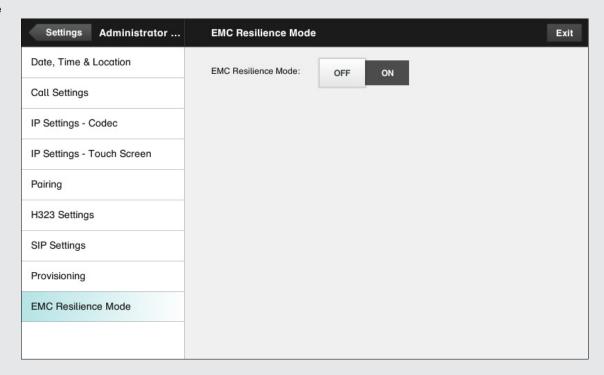




# Administrator settings—EMC Resilience mode

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 nobody obviously 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 avoid the appearance of false signals.





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