



Cisco TelePresence Server MSE 8710 Getting started

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General information

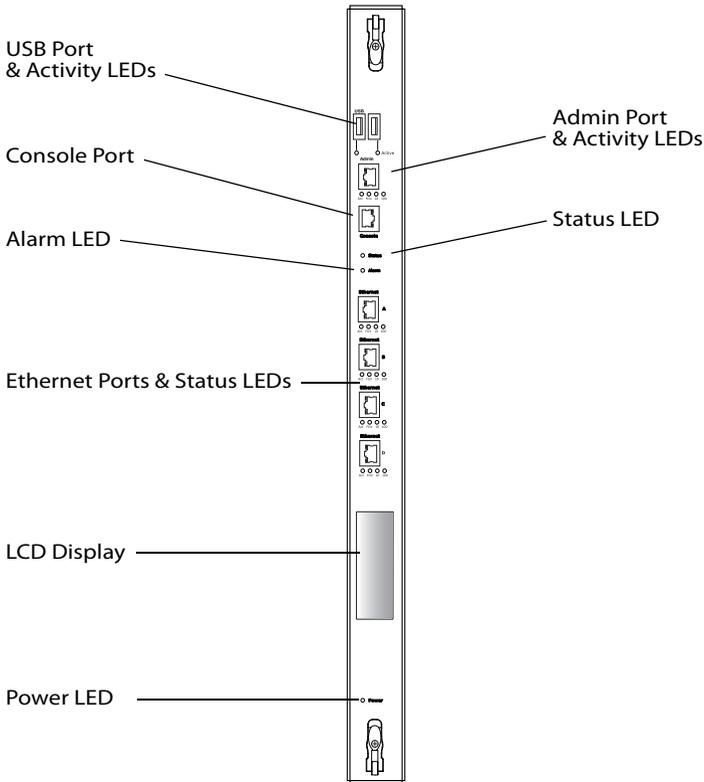
About the Cisco TelePresence Server MSE 8710

The Cisco TelePresence Server MSE 8710 (Cisco TS MSE 8710) is a Cisco TelePresence MCU MSE 8510 running the Cisco TelePresence Server software application. The MCU MSE 8510 is a technologically advanced media processor that fits into an MSE 8000 chassis, combining continuous presence high definition video conferencing and the highest possible voice quality.

Port and LED locations

Figure 1 shows the position of ports and LEDs on the Cisco TS MSE 8710.

Figure 1: Cisco TS MSE 8710 front panel



LED behavior

Front panel LED behavior

Table 1 describes the behavior of the LEDs on the front of the Cisco TS MSE 8710.

Table 1: Cisco TS MSE 8710 front panel LED behavior

LED	Color	Indicates
USB Port Activity	Green	Reserved for future expansion
Admin Port Activity	Green	Reserved for future expansion
Status	Green	The Cisco TS MSE 8710 is operating normally
Alarm	Red	<p>The Cisco TS MSE 8710 is booting or has developed a fault, for example:</p> <ul style="list-style-type: none"> ▶ temperature is outside normal limits ▶ battery failure of the internal clock <p>Refer to the web interface for more information about the problem (go to the configuration page for your Cisco TS MSE 8710).</p>
Ethernet Port Status, for each Ethernet port:		
FDX	Green	The link has been established as a full-duplex link
Act	Green	Packets are being transmitted on this port.
Link	Green	The speed of the link from this port which is either 100, or 1000Mbps.
Power	Blue	The CiscoTS MSE 8710 is receiving power from the MSE 8000 chassis

Installing the Cisco TS MSE 8710



Important: Before installing the Cisco TS MSE 8710 into the MSE 8000, read the safety information guide for the MSE 8000 chassis at <http://www.cisco.com/go/telepresence/safety>.



Although blades are hot-swappable parts, you must only remove one blade at any time. Remove the power from the MSE 8000, if you need to remove more than one blade at a time.



Before hot-swapping a blade, shut down the blade using the web interface. Do not shut down a blade during a software upgrade or if the blade is processing (for example, if a conference is taking place on a Server blade blade).



The MSE 8000 backplane uses high performance data connectors. Do not remove Cisco TS MSE 8710 blades unless absolutely necessary because doing so may reduce the life of those connectors.



Make sure that you have the correct power requirements and sufficient power in your PSU; for information on powering the MSE 8000 refer to the *Getting Started Guide* on <http://www.tandberg.com/support/video-conferencing-documentation.jsp>.

Step one: Install the Cisco TS MSE 8710 blade into the MSE 8000



You must install either a blade or a blanking blade in each of the ten positions in the chassis.

- 1 Remove the blade or blanking blade from the slot into which you are going to install the Cisco TS MSE 8710:
 - i Using a No. 1 Phillips screwdriver, loosen the screws in the retaining latches with an anti-clockwise quarter turn.

- ii Open both retaining latches on the front of the blade or blanking blade. When open, a retaining latch is at a 90° angle perpendicular to the front of the blade.
 - iii Slide out the blade or blanking blade.
- 2 Open both retaining latches on the front of the Cisco TS MSE 8710. When open, a retaining latch is at a 90° angle perpendicular to the front of the blade.
- 3 Slide the Cisco TS MSE 8710 into the blade slot (as shown in Figure 2) until it stops.
- 4 Simultaneously close both retaining latches on the blade (thereby engaging the connectors at the rear of the blade) to secure it in the chassis as shown in Figure 3.
- 5 Using a No. 1 Phillips screwdriver, tighten the screws in the retaining latches with a clockwise quarter turn.

The power is connected automatically as soon as you close the latches. The LCD panel displays messages as parts are checked and eventually you see “Waiting for application to boot” after which the Cisco logo appears followed by the IP address allocated to the Cisco TS MSE 8710.

Figure 2: Inserting a blade into the chassis

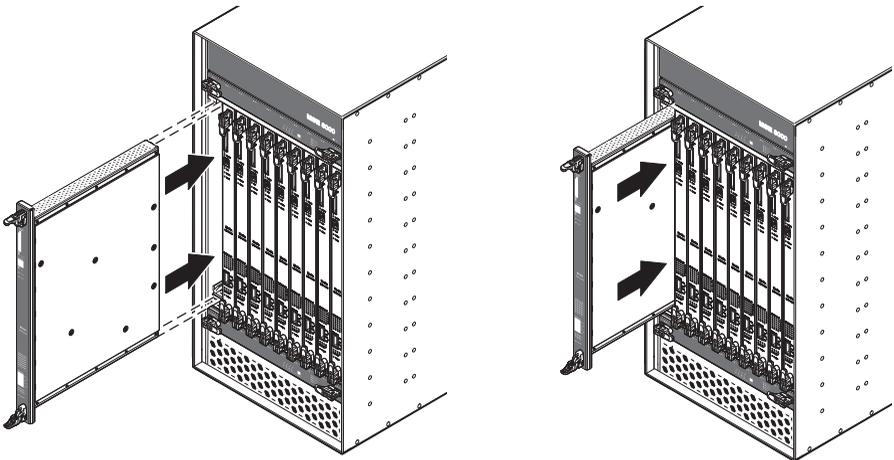
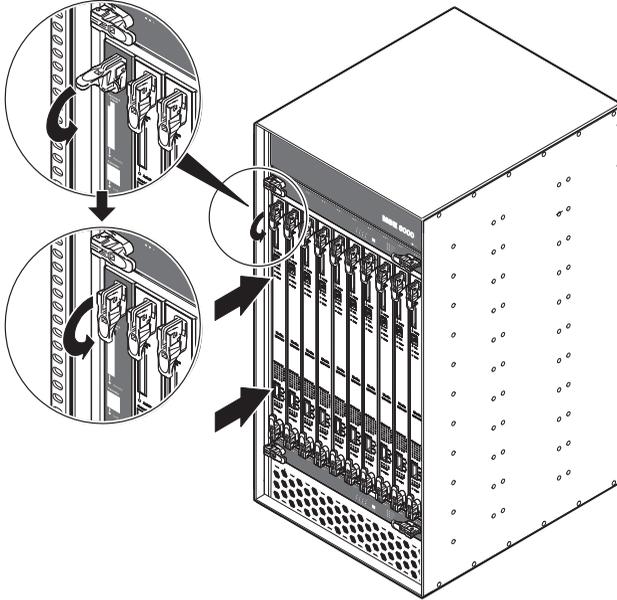


Figure 3: Closing the retaining latches on the front of a blade



Step two: Allocate port licences

Port licenses must be allocated to the Cisco TS MSE 8710 from the Supervisor's **Port licenses** page. Refer to the online help for assistance.

Step three: Connect to Ethernet Port A

Connect an Ethernet cable from Ethernet Port A to an Ethernet switch (rather than a hub, to minimize interference from other devices on the network). The Ethernet port is a 10/100/1000 Mbps auto-sensing connection.



Ethernet Ports B, C and D may not be supported in the software supplied with your blade. Do not connect to these ports unless the web interface allows you to configure them. Do not connect multiple ports to the same subnet unless instructed to do so by the web interface.

Initial configuration

Step one: Configure Ethernet Port A settings

The default setting for the Cisco TS MSE 8710 Ethernet ports is auto-sensing mode. If the switch ports to which you connect the Cisco TS MSE 8710 are not also set to auto-sensing mode, then you need to configure the Cisco TS MSE 8710 Ethernet ports to use the same speed and duplex mode.



Both ends of the Ethernet connection must be configured in the same way. For example, either configure both ends of the link to be auto-sensing or configure both ends to operate at the same speed and duplex.



To establish a 1000Mbps connection, both ends of the link must be configured as auto-sensing.

To configure Ethernet Port A, log in to the Supervisor's web interface and go to **Hardware > Blades**. For more information about configuring the port, refer to the online help accessible from the Supervisor's web interface.

Step two: Assign an IP address to the Cisco TS MSE 8710

You can use the Supervisor's web interface to configure the IP addresses of all blades installed in the MSE 8000. Note that all blades are supplied with DHCP enabled and therefore the Cisco TS MSE 8710 will attempt to find an IP address. The LCD panel will show the IP address allocated. You can either keep this setting or assign static IP addresses to a blade from the Supervisor's web interface. To view or configure the IP address of the Cisco TS MSE 8710, log in to the Supervisor and go to **Hardware > Blades**. To access the web interface of the Cisco TS MSE 8710, go to **Hardware > Blades** and click the IP address of that blade.

Configuring the Cisco TS MSE 8710

Step one: Log in to the Cisco TS MSE 8710

All administration of the Cisco TS MSE 8710 is performed via the web interface.

To log in to the web interface of the Cisco TS MSE 8710.

- 1 Log in to the Supervisor's web interface.
- 2 Go to **Hardware > Blades** and click the IP address of the Cisco TS MSE 8710.
- 3 Enter the user name **admin** with no password.



Cisco recommends that you change the admin account to use a password as soon as possible. To do that, click **Change password** on the **Login information** page or go to **Users**, click the **admin** link, and provide the required user information.

Step two: Configuring settings, conferences, endpoints and rooms

Use the online help to configure your Cisco TS MSE 8710. You may need to configure the network and the systems settings, then go on to add conferences, endpoints and rooms. The online help also tells you how to provide instructions for users who will log in from a room and start conferences.

Checking for updates

It is a good idea to regularly check for updates to the main Cisco Telepresence Server software image on the Cisco web site. This section describes how to upgrade the Cisco Telepresence Server using the web. Note that you can also upgrade the Cisco Telepresence Server using FTP; this can be more reliable if you are upgrading the device remotely. Upgrading your device via FTP is described in the release notes that are available alongside the software images in the support section of the web site.

To check for, and download, updates:

- 1 Log in to the Cisco TS MSE 8710 web interface and go to **Status**.
- 2 Make a note of the software version that is currently installed.
- 3 Go to the support section of the web site and check if a more recent release is available for the Cisco TS MSE 8710.
- 4 If a more recent release is available, download it and save it locally.

To upgrade the Cisco TS MSE 8710:

- 1 Unzip the software release file that you downloaded.
- 2 In the Cisco TS MSE 8710 web interface, go to **Configuration > Upgrade**.
- 3 In the Main software image section, click **Browse** and locate the unzipped file.
- 4 Click **Upload software image**. The browser begins uploading the file to the Cisco TS MSE 8710, and a new browser window opens to indicate the progress of the upload. When finished, the browser window refreshes and indicates that the software upgrade is complete.
- 5 Go to **Settings > Shutdown** to shut down and restart the Cisco TS MSE 8710.



Note that shutting down the Cisco TS MSE 8710 will disconnect all participants.

Troubleshooting and technical support information

Using the event log to help solve a problem

You can use the event log to produce debugging information to assist technical support in solving any problems. Event logging capture filter topics are set by default to **Errors, warnings and information**. Do not change the capture filter topic level without the guidance of technical support.

Getting more help

Cisco recommends registering your product at <http://www.tandberg.com/services/video-conferencing-product-registration.jsp> in order to receive notifications about the latest software and security updates. New feature and maintenance releases are published regularly, and we recommend that the software on the Cisco TS MSE 8710 is always kept up to date.

If you experience any problems when configuring or using the Cisco TS MSE 8710, consult the online help (available within the UI of your Cisco TS MSE 8710) for an explanation of how its individual features and settings work. If you cannot find the answer you need, check on the web site at <http://www.tandberg.com/support> to make sure that your the Cisco TS MSE 8710 s running the most up-to-date software and for further relevant documentation.

You or your reseller can get help from our support team by raising a case at <http://www.tandberg.com/support/video-conferencing-online-support.jsp>. Make sure you have the following information ready:

- ▶ The serial number and product model number of the unit
- ▶ The software build number which can be found on the product user interface
- ▶ Your contact email address or telephone number
- ▶ A full description of the problem

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