

# Polycom® CX5100 and CX5500 Unified Conference Stations for Microsoft® Skype™ for Business

Polycom announces the release of version 1.2.3 software for the Polycom® CX5100 and CX5500 Unified Conference Stations for Microsoft® Lync. This document provides the latest information about the Polycom CX5100 and CX5500 systems.

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## Overview

The Polycom CX5100 and CX5500 Unified Conference Stations enable you to use the collaboration capabilities of Microsoft Lync voice, video, and content while automatically tracking the flow of conversation to support richer, more interactive communication. The following figure shows the CX5500 tabletop unit with LCD panel, the CX5100 tabletop unit, and the power data box for both systems.

### Polycom CX5500 and CX5100 Unified Conference Stations for Microsoft Lync



During a call, the integrated cameras capture the active speaker as well as the entire panoramic view of your conference room, and the integrated microphones capture the voices coming from any location around the table. For larger conference rooms, you can add optional satellite microphones.

## What's New in Release 1.2.3

There are no new features in this release for version 1.2.3.

## Release History

The following table lists the release history of the Polycom CX5100 and CX5500 Unified Conference Stations.

Software Version	Release Date	Description
1.2.3	July 2016	Resolved some known issues.

Software Version	Release Date	Description
1.2.0	April 2016	Added the following features: <ul style="list-style-type: none"> <li>• Mac OS support</li> <li>• Windows 10 support</li> <li>• Health Monitor</li> <li>• Central Provisioning Management</li> <li>• Remote Log Collector</li> <li>• Dial Pad screen</li> <li>• Polycom TLS Certificate Support</li> <li>• Microsoft Office 365 and Skype for Business Online</li> </ul>
1.1.6	January 2016	Resolutions for some known issues.
1.1.5	October 2015	Added new part numbers for the CX5500 touchscreen and codec. Added the hardware and software compatibility check. Resolutions for some known issues.
1.1.4	August 2015	Added the Downgrade Software and Fisheye Correction features. Resolutions for some known issues.
1.1.3	April 2015	Solutions for OpenSSL vulnerabilities. CX5500: Localization for the Incoming Lync Call Notification feature.
1.1.2.1	January 2015	Resolutions for some known issues.
1.1.2	October 2014	CX5500: <ul style="list-style-type: none"> <li>• Incoming Lync call notification and answer.</li> <li>• BroadSoft and Open SIP certification.</li> </ul>
1.1.1	September 2014	Solutions for OpenSSL vulnerabilities.
1.1.0	May 2014	CX5100: Resolutions for some known issues. CX5500: Initial release.
1.0.0	December 2013	CX5100: Initial release.

## Hardware and Software Requirements

System performance can vary based on the connected computer, your network connection, and your Lync client version. The computer connected to the system should meet the minimum hardware and software requirements shown in the following table.

### Minimum Requirements for the Connected Computer System

Category	Requirement
Windows	<ul style="list-style-type: none"> <li>• Windows 10 (32-bit or 64-bit)</li> <li>• Windows 8.1 (32-bit or 64-bit)</li> <li>• Windows 8 (32-bit or 64-bit)</li> <li>• Windows 7 (32-bit or 64-bit)</li> </ul>

**Minimum Requirements for the Connected Computer System (continued)**

Category	Requirement
Mac OS	<ul style="list-style-type: none"> <li>OS X 10.11</li> <li>OS X 10.10</li> <li>OS X 10.9</li> </ul>
Desktop Client	<ul style="list-style-type: none"> <li>Microsoft Skype for Business 2015</li> <li>Microsoft Lync 2013 (required for 1080p video)</li> <li>Microsoft Lync 2010</li> <li>Microsoft Lync for Mac 14.3.3 (160216), with native Safari web access</li> </ul>
Processor	<p>Basic Video Transmit</p> <ul style="list-style-type: none"> <li>2.0 GHz or higher</li> </ul> <p>HD Transmit (720p active speaker video)</p> <ul style="list-style-type: none"> <li>Quad core, 2.0 GHz or higher</li> </ul> <p>For Skype for Business 2013 client requirements, see <a href="#">Microsoft Lync Client Software Support in Lync Server 2013</a>.</p> <p>For Lync 2010 client requirements, see <a href="#">Microsoft Client and Device Software and Infrastructure Support</a>.</p>
RAM	2 GB
Hard drive space	1.5 GB
Video card	128 MB RAM with support for full hardware acceleration
Monitor	1024 x 768
USB connector	<p>USB 3.0 is required for 1080p calling. Connecting the system to a USB 2.0 or USB 1.0 port can result in reduced performance.</p> <p>If you see a message that your computer could run faster when you connect the CX5500 system, the system is connected by USB 2.0.</p>
USB driver	<p>Check that your computer has the latest USB driver available for your computer.</p> <ul style="list-style-type: none"> <li>Windows 8 or later: Use Windows Update to ensure that you have the latest driver.</li> <li>Windows 7: Check the web site of your computer's manufacturer to ensure that you have the latest driver.</li> </ul>

## Products Tested with this Release

The Polycom CX5100 and CX5500 Unified Conference Stations are tested with a wide range of products. The following list is not a complete inventory of compatible equipment. It indicates the products that have been tested for compatibility with this release.

**Note: Update your Polycom devices**

Polycom recommends that you upgrade your Polycom devices with the latest software versions, as compatibility issues may already have been addressed by software updates. Refer to the [Current Polycom Interoperability Matrix](#) to match Polycom devices with the latest software release.

**Products Tested with This Release**

Product	Tested Versions
Microsoft Lync Server 2010	4.0.7577.230 (CU12)
Microsoft Lync for Mac 2011	14.3.3 (160216)
Microsoft Lync Server 2013	5.0.83.08 (CU5)
Microsoft Skype for Business Server 2015	6.0.9319.72
BroadSoft R21 (VoIP)	SP1
Polycom® CX8000	15.15.03

## Set Up the System

Place the device in the center of the conference room table, and connect the cables according to the configuration shown in the setup sheet shipped in the box with the system. You can also find the setup sheet at [Polycom Voice Support](#).

**To start up the system:**

- 1 Connect the power cable to a power outlet.  
Green indicator lights flash during the startup process. When the green indicator lights stop flashing, the system is ready to use.
- 2 Power on the computer and connect the USB cable from the CX5100 or CX5500 system to your computer after the computer has started.  
Microsoft Lync or Skype for Business automatically detects the system and selects it as the video and audio device for conferences.

You do not need to power the system on and off.

## Configure the CX5100 or CX5500 System

For instructions on configuring the conference phone capability of the CX5100 or CX5500 system, refer to the *Polycom CX5100 Unified Conference Station Administrator Guide* or *Polycom CX5500 Unified Conference Station Administrator Guide*, available at [Polycom Voice Support](#). The administrator guides discuss how to configure the systems using a provisioning server, the Web Configuration Utility, or CX5100/CX5500 Control Panel.

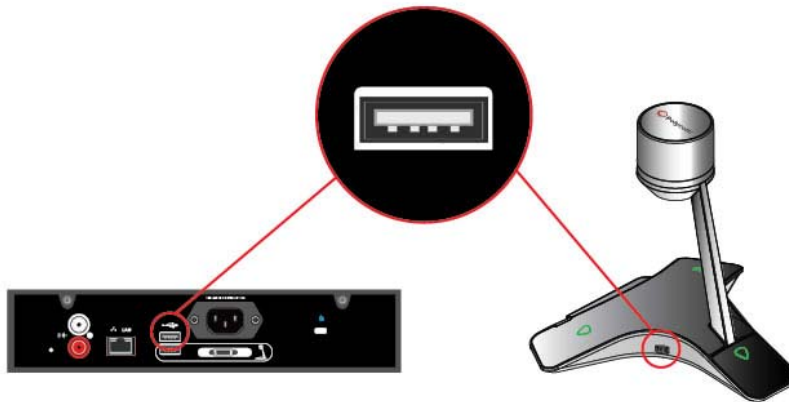
## Update the Software

Update your system to the most current software in order to ensure optimum performance. Check [Polycom Support](#) for software updates. When an update is available, you can update the software using a USB flash drive or the Web Configuration Utility.

The update takes up to 40 minutes to complete. During this time, the system reboots several times. Do not power the system off during an update. Wait at least 40 minutes to make sure the update has completed.

### To update the software manually by downloading the software to a flash drive:

- 1 Format a USB flash drive as FAT32. Polycom recommends that you use a USB 2.0 flash drive.  
If you are using a drive that is already formatted, ensure that previous software updates are deleted from the flash drive.
- 2 From the Polycom Support site, download the software package to the flash drive. The software package has a .tar extension.
- 3 Connect the USB flash drive to the USB 2.0 port on the tabletop unit or on the power data box. If you choose to connect to the power data box, first remove the rubber plug from the USB port.  
The locations of the ports are shown in the following diagram.



- 4 On the CX5500 system, respond to the software update request displayed on the LCD touch screen.  
The system detects the flash drive and starts the update within 30 seconds. The indicator lights begin to flash, indicating that the update has started.  
The system reboots several times during the update. The indicator lights flash in several different patterns.  
The update is complete when the indicator lights stop flashing.



**Note: Enable access to the Web Configuration Utility.**

If the base profile of the CX5500 system is set to **Lync**, you must enable access to the Web Configuration Utility. Refer to the *Polycom UC Software in a Microsoft Lync Server Environment Deployment Guide* for directions.

### To update the software on the system through the Polycom Web Configuration Utility:

- 1 In the address field of a web browser, enter the IP address of the CX5100 or CX5500 system. You can find the IP address of the system by navigating to **Settings > Status > Platform > Phone**.
- 2 Log in as an administrator by selecting **Admin** and entering your password. The default password is 456. Check with your administrator to see if the password has been changed.
- 3 Select **Utilities > Software Update** and choose how to update your system.
  - **Automatic:** Select the date and time to perform the automatic updates and click **Save**.
  - **Manual:** Specify whether the update package is located on the Polycom Hosted Server or on a location you specify, and click **Update Now**. Follow the prompts to complete the update.

**4** When an update starts, the indicator lights begin to flash.

The system reboots several times during the update. The indicator lights flash in several different patterns.

The update is complete when the indicator lights stop flashing.

## Resolved Issues

The following table lists issues that have been resolved in version 1.2.3.

Category	Issue ID	Release Found In	Description
USB	MIL-1918	1.2.3	The EliteBook was unable to detect the CX5500 system using a USB device. This issue has been resolved.
USB	MIL-1039	1.2.3	On rare occasions, the CX5100 system was not detected as a USB device after the CX5100 system or the computer was restarted. This issue has been resolved.
Audio	MIL-1943	1.2.3	During a Lync call between a Macintosh client and a CX5100 or CX 5500 system, when the CX5500 volume was adjusted, sometimes the speakers were muted. This issue has been resolved.
UCS	VOIP-108547 VOIP-108643	1.2.3	The CX5500 system intermittently logged out of Skype for Business during a 500 Internal Server Error when signed in with an extension and PIN. This issue has been resolved.
LED	MIL-1913	1.2.3	When a system check was unsuccessful on a CX5100 or CX500 system, there was no indication that the system check was unsuccessful. This issue has been resolved.

## Known Issues

The following table lists all known issues and suggested workarounds for release 1.2.3.

Category	Issue ID	Release	Description	Workaround
Configuration	MIL-1634	1.2.0	When you attempt to access system log files using the Web Configuration Utility or view log files uploaded to the provisioning server, the debug.xml file does not contain the latest information for the system.	Connect a USB flash drive to the system to retrieve logs. The debug.xml file is updated on the provisioning server and in the Web Configuration Utility.
Control Panel	MIL-1873	1.2.0	Some time zone options display incorrectly in the CX5100-CX5500 Control Panel.	
Skype for Business	MIL-1937	1.2.3	CX5500 systems are registered are sometimes unable to transfer calls in a federated environment.	
System	MIL-1229	1.1.2	On the CX5500 system, the LCD touch screen sometimes dims during a software update or when an incoming Lync call occurs during an active Lync call. During a software update, normal brightness returns after the first system reboot. System functionality is not affected when the LCD touch screen dims.	Try the following solutions: <ul style="list-style-type: none"> <li>Minimize the window for the PC Lync call, and then tap the <b>PC Lync Call</b> tab to restore the screen.</li> <li>Set the LCD touch screen to the maximum brightness. <ol style="list-style-type: none"> <li>From the Home screen, select <b>Settings &gt; Basic &gt; Backlight Intensity &gt; Maximum Intensity</b>.</li> <li>Drag the slider all the way to the right.</li> </ol> </li> </ul>
System	MIL-540	1.0.0	On rare occasions, the CX5100 or CX5500 system is not detected after a user restarts the computer.	Manually restart the CX5100 or CX5500 system.
USB	MIL-1946		On rare occasions, the CX5100 or CX5500 system locks when upgrading software using USB devices and the software upgrade is unable to complete.	Upgrade the CX5100 or CX5500 system software using the control panel or the web interface.
USB	MIL-1945	1.2.3	On rare occasions, the CX5100 or CX5500 system is unable to upgrade software using USB devices.	Manually restart the CX5100 or CX5500 system.



Category	Issue ID	Release	Description	Workaround
USB	MIL-1021 VIDEO- 109535	1.0.0	The computer might sometimes incorrectly identify the CX5100 system as a USB 2.0 device.	Try the following solutions: <ul style="list-style-type: none"> <li>• Ensure that the system is connected to a USB 3.0 port. A USB 3.0 port is usually blue with an SS icon next to the port.</li> <li>• Disconnect the USB cable from the computer and reconnect it.</li> <li>• Update the USB 3.0 driver on the computer to ensure that the date of the driver is 2013 or later. For the latest driver, check the web site of your computer's manufacturer.</li> <li>• Connect the computer directly to the blue USB 3.0 port on the power data box instead of the tabletop unit.</li> </ul>
USB	MIL-1879	1.2.0	If there is at least 10 GB of data on a connected USB flash drive, the system is unresponsive during some tasks like locking or unlocking the system, retrieving logs, or upgrading the system software.	Make sure that the USB flash drive has limited data on it.
User Interface	MIL-1640	1.2.0	When you connect a CX5500 system to a Mac computer, the device name displays as CX5100.	
User Interface	MIL-1882	1.2.0	The CX5500 system displays extra characters in Tabletop Hardware Version.	
Web Configuration Utility	MIL-1895	1.2.0	In the Web Configuration Utility for the CX5100 system, the wrong information displays for the Network Ethernet settings.	Replace the incorrect values with the correct values.

## Get Help

For more information about installing, configuring, and administering Polycom products, refer to Documents and Downloads at [Polycom Support](#).

To find all Polycom partner solutions, see [Polycom Global Strategic Partner Solutions](#).

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