



RELEASE NOTES

3.1.6.2 | September 2016 | 3725-28452-017A

Polycom® Multipoint Layout Application (MLA) for Immersive Telepresence



Overview

The Polycom Multipoint Layout Application (MLA) is a Windows application that enables the conference administrator to configure and apply personal layouts for telepresence systems and traditional standalone video endpoints in multipoint video conference calls.

The main purpose of the MLA is to automatically control the video layouts for multipoint calls involving Polycom Immersive Telepresence (ITP) systems. The administrator can also customize the layouts that will be used in the automatic mode. The conference operator may also control layouts manually and interactively.



Note: Technical Support for Polycom Multipoint Layout Application requires an active support agreement for RMX with Telepresence option.

What's New in Release 3.1.6.2

- Polycom Multipoint Layout Application (MLA) for Immersive Telepresence Version 3.1.6.2 includes resolved issues.
- Multipoint Layout Application (MLA) as a Microsoft® Windows® Service



Note: To view the latest Polycom product documentation, visit the Support page of the Polycom web site at <http://support.polycom.com>.

Multipoint Layout Application (MLA) as a Microsoft® Windows® Service

Running Multipoint Layout Application (MLA) as a Microsoft® Windows® Service, as opposed to requiring an interactive login, enables MLA to start automatically when the server starts up and runs independently of any interactive login on the server.

MLA logs important events with the Windows event notification system. If the MLA on the Windows PC stopped communicating with Polycom RealPresence® Collaboration® Server, previously the Information Technology (IT) and Audio Visual (AV) administrators typically found out about the issue from the end user. Now, MLA generates events so the IT and AV administrators can check statuses and have active alerts sent to them by their server management software to indicate if communication between MLA and RealPresence Collaboration Servers has been impaired.

System Requirements

Before you install MLA version 3.1.6, make sure your PC meets these requirements:

- Windows 7, Windows XP SP2/SP3, Windows Server 2008, or Windows Server 2012
- .NET Framework 2.0 or later

If you do not have .NET Framework, you can download it from <http://windowsupdate.microsoft.com>.

Security Updates

Please refer to the [Polycom Security Center](#) for information about known and resolved security vulnerabilities.

Release History

The following table shows the release history of MLA.

Release History

<i>Release</i>	<i>Release Date</i>	<i>Features</i>
3.1.6.2	June 2016	<ul style="list-style-type: none">• MLA as a Microsoft® Windows® Service
3.1.5	May 2015	<ul style="list-style-type: none">• MLA correctly identifies audio-only participants when they are modified after initial conference creation.
3.1.4.7	January 2015	<ul style="list-style-type: none">• MLA no longer takes long time to connect to RealPresence Collaboration Server after the RealPresence Collaboration Server reboots.• MLA no longer takes long time to reconnect to RealPresence Collaboration Server after the 65561, user not found, error.• In some video conferences with IVR disabled, some endpoints' layouts remained at the default conference layout, instead of the MLA requested layout. This issue has been resolved.
3.1.4.4	September 2014	<ul style="list-style-type: none">• Support for new layouts.• MLA correctly identifies TPX/RPX systems in disconnected states.• MLA no longer crashes when creating a new user template from a telepresence conference with disconnected endpoints.• MLA no longer displays disconnected ITP sites as multiple, individual sites.
3.1.4.1	May 2014	<ul style="list-style-type: none">• The MLA user interface no longer goes blank when the endpoint H323 name includes a character outside the 7-bit ASCII range.• MLA no longer interprets standalone endpoints, with names the same except for the final digit, as a single RPX 400 system.
3.1.2	August 2013	<ul style="list-style-type: none">• Managing a Conference in VARS Mode with RMX.• Viewing RPX Rooms on a Single Screen Endpoint.• Support for HTTPS communication between MLA and RMX.• Support for RMX multi-channel cascade.• Support for Immersive Studio endpoints.• Support for RMX sending content on people video channel.• Provides fixed issues.
3.0.5	July 2012	<ul style="list-style-type: none">• Fixed issue – When in a multipoint call using Auto-layout, if the OTX 100 is the last site to drop from the call, it no longer shifts from the center.

<i>Release</i>	<i>Release Date</i>	<i>Features</i>
3.0.3	October 2011	<ul style="list-style-type: none"> • Works with 20 RMX systems simultaneously. • Enables configuration layouts for OTX 100. • Supports both Cisco 3-screen (CTS 3000) and Cisco 1-screen (CTS 1000) systems.
3.0.1	May 2011	<ul style="list-style-type: none"> • No longer necessary to configure and save all participants before saving a user template. • Description field of the user template is no longer a mandatory entry. • No further support for Windows Vista.
2.7.1	December 2010	<ul style="list-style-type: none"> • Fixed issue with Automatic Layouts during the Gathering phase of a multipoint call with IVR enabled.
2.7	September 2010	<ul style="list-style-type: none"> • Interprets RMX telepresence layout settings to determine whether a given conference layout mode should be Room Continuous Presence or Voice Activated Room Switching (VARs). • Compatible with Windows 7 Professional 32-bit systems.
2.5	December 2009	<ul style="list-style-type: none"> • New Voice Activated Room Switching (VARs) conferencing mode. • New Site Management system preference category. • Added support for ATX 300. • Enables VPAT Section 508c compliance.
2.0.3	July 2009	<ul style="list-style-type: none"> • Provides integration of the Polycom RSS 2000 Single Point Recording feature with the RMX 2000 for ITP Conferences. • Improved automatic layout generation for many conference scenarios that include both ITP and standalone participants. • Fixed problem in manual mode where User Templates were not appearing in the list of Layout Templates for Selected Conference after an Update Template action.
2.0.1	June 2009	<ul style="list-style-type: none"> • Choose whether or not disconnected sites are included in the list of site participants available to you when clicking Configure New Layout. • Improve automatic layout generation for conferences containing only two participants. • Fixed problem upon startup, where MLA 2.0 does not frame active conferences that are configured for automatic framing. • Fixed problem where RPX 400 systems were not framed properly across two screens of a TPX system.

<i>Release</i>	<i>Release Date</i>	<i>Features</i>
2.0	May 2009	<ul style="list-style-type: none">• Automatically control video layouts for Telepresence multipoint calls.• Enable “Single Touch Multipoint” for Telepresence.• Share layout templates.• Share layout templates across installations.• Save a copy of an existing layout template.• Add or delete site participants from an existing layout template.• Save an active conference layout as a template.• Populate a layout automatically when creating a new template.
1.0	July 2008	Initial release.

Products Tested with this Release

MLA systems are tested extensively 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: You are encouraged to upgrade all your Polycom systems with the latest software before contacting Polycom support to ensure the issue has not already been addressed by vendor software updates.

Go to http://support.polycom.com/PolycomService/support/us/support/service_policies.html to find the current Polycom Supported Products matrix.

Management Systems and Recorders

<i>Product</i>	<i>Interoperable Versions</i>	<i>Tested Versions</i>
Polycom® RealPresence® Distributed Media Application™ 7000	6.3.2.2	6.3.2.2
Polycom® RealPresence® Resource Manager	10.0.0	10.0.0

Gatekeeper, Gateways, External MCU, Bridges, Call Managers

<i>Product</i>	<i>Interoperable Versions</i>	<i>Tested Versions</i>
Polycom® RealPresence® Collaboration Server 2000/4000	8.7.1	8.7.1

Endpoints

<i>Product</i>	<i>Interoperable Versions</i>	<i>Tested Versions</i>
Polycom® Converged Management Application™ (CMA®) Desktop	6.2.6	6.2.6
Polycom® HDX® Series	3.1.11	3.1.11
Polycom® Immersive Telepresence (ITP) Series	3.1.4	3.1.4
Polycom® RealPresence Immersive Studio™	6.0.0	6.0.0
Polycom® RealPresence® OTX® Studio	6.0.0	6.0.0
Polycom® RealPresence® Group Series	6.0.0	6.0.0
Polycom® RealPresence® Mobile	3.5.1	3.5.1
Polycom® RealPresence® Desktop	3.5.1	3.5.1
Polycom® Telepresence m100	1.0.7	1.0.7

Installation and Upgrade Notes

Polycom supports the following upgrade and migration paths.

Upgrade and Migration Paths

<i>Upgrade/Migration Steps</i>	<i>Use the Following Documentation</i>
You can install MLA 3.1.6 directly over a previous version of MLA. User templates and preference settings are preserved across the software upgrade.	Polycom Multipoint Layout Application User Guide

Known Issues

The following table lists all known issues in all releases of MLA.

Known Issues

<i>Category</i>	<i>Found in Release</i>	<i>Description</i>	<i>Workaround</i>	<i>Issue Number</i>
Configuring MCU Connections	3.0.1	If you specify multiple MCU Logins to the same MCU IP address, MLA will not be able to disconnect all of them properly when it exits.	Specify one MCU login for each MCU IP address.	
Automatic Layouts	2.0.3	Assuming there is space available onscreen, MLA will always create layouts that show all participants in the conference. There may be some cases where MLA will not produce the best possible layout combination for every conference participant.	You can take the following steps to modify the automatic layouts generated by MLA for any given combination of sites: <ul style="list-style-type: none"> • Save the current layout into a new User Template. • Update the User Template to configure your preferred layout. • If you want this User Template to be applicable to any conference containing this combination of sites (i.e. not matching by site names only), select the Generic checkbox for each of the sites in the template. • Select the Apply automatically checkbox for the template. 	
Automatic Layouts	2.0	When there are multiple instances of MLA connected to the same MCU, only one MLA should be configured to have Automatic Layout enabled. Currently, the MLA cannot tell if Automatic Layout has been set by another MLA instance. If you allow multiple instances of the MLA to automatically apply layouts to the same MCU, you will not achieve your desired results. This is an unsupported configuration.	None	
Installation	1.0	You must have administrator privileges on your PC in order to successfully install MLA.	None	
Installation	1.0	Upon completion of the MLA installation, you may be prompted to reboot your PC.	None	

Resolved Issues

The following table lists the resolved issues in MLA Version 3.1.6.2.

<i>Category</i>	<i>Description</i>	<i>Issue Number</i>
Messages	The timestamp in MLA log files is now in 24-hour format, and in Universal Time Coordinated (UTC) time rather than local time zone.	MLA-24
Interop-RMX	The Multipoint Layout Application might have occasionally disconnected. This issue has been resolved.	MLA-27
Interop-Endpoint	In a RealConnect environment with two ITP systems only, there is no longer a blank screen on video. When a Skype for Business video call is added, all video is displayed correctly.	MLA-36

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](#).

For more information on solution with this Polycom partner, see the partner site at [Polycom Global Strategic Partner Solutions](#).

The Polycom Community

[The Polycom Community](#) gives you access to the latest developer and support information. Participate in discussion forums to share ideas and solve problems with your colleagues. To register with the Polycom Community, create a Polycom online account. When logged in, you can access Polycom support personnel and participate in developer and support forums to find the latest information on hardware, software, and partner solutions topics.

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