

Polycom Multipoint Layout Application (MLA) for Immersive Telepresence

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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 are 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

Polycom Multipoint Layout Application (MLA) for Immersive Telepresence Version 3.1.6.3 includes one resolved issue.

System Requirements

Before you install MLA version 3.1.6.3, make sure your PC meets these requirements:

- Windows Server 2012 or Windows Server 2016
- .NET Framework 3.5

Release History

The following table lists the release history of MLA.

Release History

Release	Release Date	Features
3.1.6.3	February 2017	<ul style="list-style-type: none">• Fixed Issue - In a RealConnect environment with no AVMCU video participants, video layout reserves space for the "AVMCU_panoramic" participant.

Release	Release Date	Features
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.

Release	Release Date	Features
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.

Release	Release Date	Features
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	<ul style="list-style-type: none"> Initial release.

Security Updates

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

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

Management Systems and Recorders

Product	Tested Versions
Polycom RealPresence Distributed Media Application 7000	6.4.0
Polycom RealPresence Resource Manager	10.0.0

Gatekeeper, Gateways, External MCU, Bridges, Call Managers

Product	Tested Versions
Polycom RealPresence Collaboration Server 2000/4000	8.7.1

Endpoints

Product	Tested Versions
Polycom Converged Management Application (CMA) Desktop	6.2.6
Polycom HDX Series	3.1.11
Polycom Immersive Telepresence (ITP) Series	3.1.4
Polycom RealPresence Immersive Studio	6.1.0
Polycom RealPresence OTX Studio	6.1.0
Polycom RealPresence Group Series	6.1.0
Polycom RealPresence Mobile	3.5.1
Polycom RealPresence Desktop	3.6
Polycom Telepresence m100	1.0.7

Installation and Upgrade Notes

Polycom supports the following upgrade and migration paths.

Upgrade and Migration Paths

Upgrade/Migration Steps	Use the Following Documentation
You can install MLA 3.1.6.3 directly over a previous version of MLA. User templates and preference settings are preserved across the software upgrade.	Polycom Multipoint Layout Application User Guide

Resolved Issues

The following table lists the resolved issues in MLA version 3.1.6.3.

Resolved Issues

Category	Issue ID	Found in Release	Description
Interop Endpoint	MLA-38		In a RealConnect environment with no AVMCU video participants, video layout reserves space for the "AVMCU_panoramic" participant.

Related Poly and Partner Resources

See the following sites for information related to this release.

- The Polycom Support Site is the entry point to online product, service, and solution support information including Licensing & Product Registration, Self-Service, Account Management, [Product-Related Legal Notices](#), and Documents & Software downloads.
- The [Polycom Document Library](#) provides support documentation for active products, services, and solutions. The documentation displays in responsive HTML5 format so that you can easily access and view installation, configuration, or administration content from any online device.
- The [Polycom Community](#) provides access to the latest developer and support information. Create an account to access Poly support personnel and participate in developer and support forums. You can find the latest information on hardware, software, and partner solutions topics, share ideas, and solve problems with your colleagues.
- The [Polycom Partner Network](#) are industry leaders who natively integrate the Poly standards-based RealPresence Platform with their customers' current UC infrastructures, making it easy for you to communicate face-to-face with the applications and devices you use every day.
- The [Polycom Collaboration Services](#) help your business succeed and get the most out of your investment through the benefits of collaboration.

GETTING HELP

For more information about installing, configuring, and administering Poly/Polycom products or services, go to Polycom Support.

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