

# Release Notes

## Polycom® Visual Communications

### Wave 4 Release

#### Topics

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## Introduction

Polycom is pleased to announce Wave 4 of its Polycom Visual Communications release.

## What's New in This Polycom Visual Communications Release

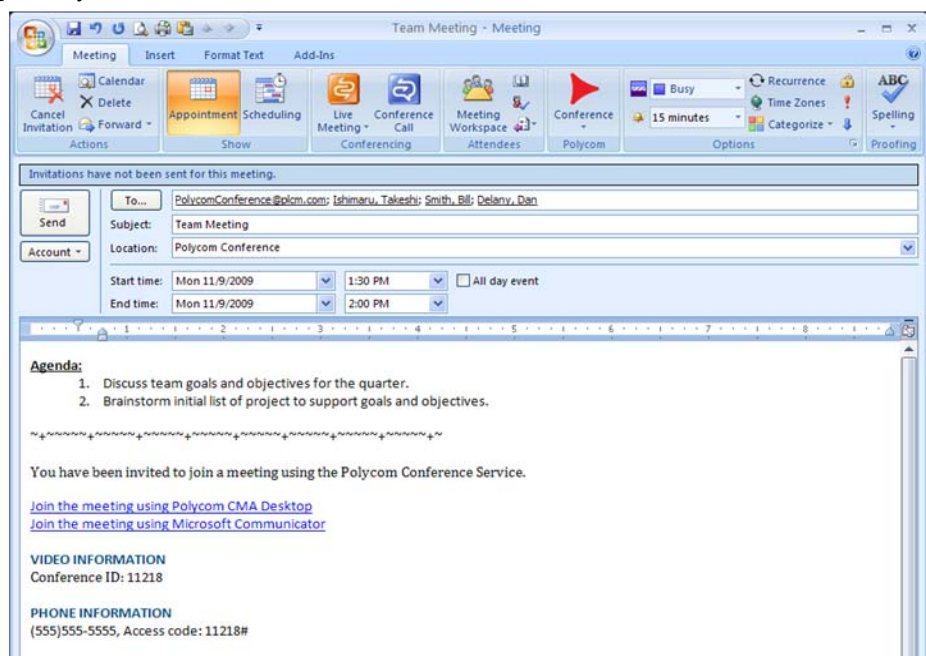
In Wave 4, the Polycom Visual Communications release provides support for Microsoft Lync Server 2010. For Polycom-enabled Unified Communications, Polycom video components now support registration with a Microsoft Lync Server 2010 as well as with a Microsoft Lync Server edge server.

### **Polycom Conferencing for Microsoft® Outlook®**

Polycom Conferencing for Microsoft Outlook, which requires the Polycom Conferencing Add-in for Outlook, offers an integrated and enhanced experience for all of those involved in video conferencing.

In Wave 4, the Polycom Visual Communications release provides support for Microsoft Exchange 2010 and Microsoft Outlook 2010.

- ❑ It allows IT departments and video administrators/operators to offer users a simple, familiar procedure for scheduling video- and audio-enabled meetings, which requires less IT support. Thus, it maximizes the use of visual communication assets and their return on investment (ROI).
- ❑ It allows conference organizers to use Microsoft Outlook and its usual meeting request workflow to schedule video- and audio-enabled meetings. It also allows conference organizers to include recording and streaming into the conference, when required.
- ❑ It allows meeting participants to track their video- and audio-enabled meetings on the same calendar that they track their other meetings. It also allows meeting participants to simply click a link in an email meeting request to join conferences on their associated video or audio endpoint system.



Also, by integrating Polycom HDX endpoint systems with Microsoft Exchange Server, the endpoint systems can display the day's scheduled meetings and meeting reminders.



For more information about supported configurations and scenarios, see *Polycom Unified Communications Deployment Guide for Microsoft Environments*. The following table describes the minimum versions of Microsoft and Polycom products that support or enhance the wave 4 Polycom Conferencing for Microsoft Outlook user experience:

Product	Version	Purpose
<b>Servers</b>		
Microsoft Exchange Server 2007	SP2	Provides calendaring service integration for Polycom Conferencing for Outlook.
Microsoft Exchange Server 2010		Provides calendaring service integration for Polycom Conferencing for Outlook.
Polycom RMX System	v7.1 MPM cards are not supported with v7.1. 1 GB controller board required for Edge Server support.	Provide MCU conferencing resources for Polycom Conferencing for Outlook.
Polycom DMA System	v2.3	Virtualizes MCU conferencing resources for Polycom Conferencing for Outlook.
Polycom CMA System	v5.4	Enables automatic provisioning of Polycom HDX endpoint systems for Polycom Conferencing for Outlook.
Polycom RSS	v6.0	Enables recording of video-enabled Polycom conferences.
<b>Endpoint Systems</b>		
Polycom HDX Systems	v3.0.0.2	Allow users to rely on their Polycom HDX systems to display the day's scheduled meetings and reminders.
Polycom CMA Desktop Client	v5.0	Enables Polycom desktop video conferencing.
<b>Client Systems</b>		
Microsoft Outlook 2007	SP2	Provides interface for Polycom Conferencing Add-in for Outlook.
Microsoft Outlook 2010		Provides interface for Polycom Conferencing Add-in for Outlook.

<b>Product</b>	<b>Version</b>	<b>Purpose</b>
Polycom Conferencing Add-in for Microsoft Outlook	v1.0.3	Allows Outlook users to create meeting invitations for video-enabled Polycom conferences.
Microsoft .NET	v3.5	Operation framework for the Add-in.
Microsoft Windows Installer	v3.1	Installation framework for the Add-in.
Microsoft Visual Studio Tools for Office System	v3.0 Runtime SP1	Provides enhancements to the .NET framework.
Microsoft Office Word 2007	SP2	Tool for editing the standard Invitation Template.
Microsoft Office Word 2010		Tool for editing the standard Invitation Template.

## Polycom Integration with Microsoft Lync Server 2010

Polycom has added support for the Microsoft® Lync Server 2010 to enable a unified communications solution that supports presence-based, real-time instant messaging (IM), voice, video, and data collaboration. Polycom extends this user experience with a broad portfolio of high definition voice and video endpoints including the CX family of phones and the Polycom HDX series of endpoints.

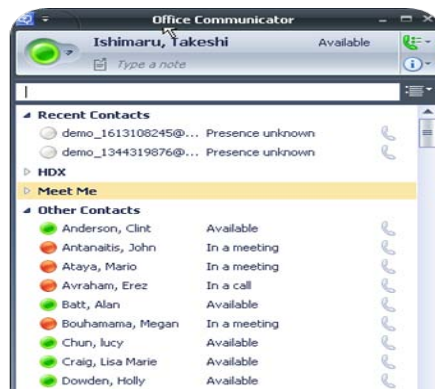
Polycom video components now support registration with a Microsoft Lync Server Edge server in Office Communications Server environments. Polycom HDX v3.0.0.2 and Polycom RMX v7.1 both support ICE protocols enabling remote SIP users.

If you experience connectivity issues with federated voice or video, check the Polycom web site for updates and notifications, and verify that you have the latest software versions. Polycom continues to run tests between various federated environments. These environments are highly complex and customized with different firewall software, settings, and versions.

Polycom is committed to updating support for new environments for new environments in future releases. Polycom also continues support for Office Communications Server 2007 and Office Communications Server edge server.

In this solution, Polycom's full suite of Polycom HDX video endpoints and Polycom CX voice endpoints register, authenticate, and share presence information with Lync Server 2010 and Office Communications Server 2007. This solution makes it simple for users in the Lync Server 2010 or Office Communications Server 2007 network:

- ❑ To see the presence status of Polycom HDX systems on their Office Communicator 2007 or Lync client or on a presence-enabled IP phone. Users of Polycom HDX systems in companion mode can log on via single signon (shared user credential) to access the Microsoft Lync or Communicator Contacts, Contact Groups, and directory search options. The improved QWERTY virtual keyboard support makes searching for people is now much easier.



- ❑ To launch video calls by clicking on presence-enabled contacts and see the availability status of Polycom video and telepresence solutions.

To launch on-demand voice, video, and unified (voice and video) conferences that include other standards-based video and voice endpoints using the Polycom RMX 1500™, 2000 or 4000 real-time media conferencing platform. Provides logistical support for large scale deployment of Polycom HDX systems in an Microsoft SIP environment. The Polycom CMA system provisions the Microsoft Lync Server or Office Communications Server integration and Polycom Conferencing for Outlook settings, while the Polycom DMA system provides scalable, fault-tolerant multipoint conferencing.

The following table describes the minimum versions of Microsoft and Polycom products that support or enhance the wave 4 Polycom integration with Microsoft Lync™ Server 2010 and Microsoft Office Communications Server 2007 user experience:

Product	Version	Purpose
<b>Servers</b>		
Microsoft Lync Server	2010	Provides Presence and Directory Services for Polycom systems integrated with Microsoft Lync.  Edge Server role uses for support of remote users.
Microsoft Office Communications Server 2007, Standard or Enterprise Edition (load balanced or single)	R2	Provides Presence and Directory Services for Polycom systems integrated with Microsoft Office Communicator.  Edge Server role uses for support of remote users.
Polycom RMX System	V7.1 MPM cards are not supported with v7.1. 1 GB controller board required for Edge Server support.	Provide MCU conferencing resources for Polycom Conferencing for Outlook.
Polycom DMA System	v2.3	Virtualizes MCU conferencing resources for Polycom Conferencing for Outlook.
Polycom CMA System	v5.4	Enables automatic provisioning of Polycom HDX endpoint systems for Polycom Conferencing for Outlook.
Polycom RSS	v6.0	Enables recording of video-enabled Polycom conferences.
<b>Endpoint Systems</b>		
Polycom HDX Systems	v3.0.0.2	Video endpoints systems that can be fully integrated into a Microsoft Communications Server 2007 environment.
Polycom CX 100, 200, 300, 700, and 5000	All	Voice endpoint systems that can be fully integrated into a Microsoft Communications Server 2007 environment.
<b>Client Systems</b>		
Microsoft Lync	2010	Client required for Microsoft Lync Server Presence and Directory Services.
Microsoft Office Communicator 2007 on Windows XP Pro SP3, Windows Vista SP2, or Windows 7.0	R2 v3.5.6907.196	Client required for Microsoft Office Communications Server Presence and Directory Services.

## Polycom-enabled Unified Communications Support

Polycom Implementation and Maintenance services provide support for Polycom solution components only. Additional services for supported third-party Unified Communications (UC) environments integrated with Polycom solutions are available from Polycom Global Services, and its certified Partners, to help customers successfully design, deploy, optimize and manage Polycom visual communication within their third-party UC environments. UC Professional Services for Microsoft Integration is required for Polycom Conferencing for Microsoft Outlook and Microsoft Office Communications Server integrations. For additional information and details please see [http://www.polycom.com/services/professional\\_services/index.html](http://www.polycom.com/services/professional_services/index.html) or contact your local Polycom representative for more information.

## Interoperability

The following notes provide interoperability information for this release.

- ❑ Polycom RPX Telepresence Interoperability – Polycom RPX telepresence conference calls can be hosted on a Polycom RMX system in a Microsoft Communications Server 2007 R2 environment or the Polycom Video Network Operations Center (VNOC) can cascade a Polycom RMX system that is hosting a Polycom RPX Telepresence conference to a Polycom RMX system in a Microsoft Office Communications Server 2007 environment. In this case, the VNOC uses its managed Polycom RMX system to link (via H.323) the Telepresence Suite to a meeting room on the Polycom RMX system. For more information on this configuration, see the *Polycom Multipoint Best Practices for Telepresence Deployment Guide*.
- ❑ Interoperability with home routers – In some configurations that are related to variations in home routers, the Polycom CMA system gatekeeper rejects ARQ requests from some Polycom CMA Desktop clients coming through a Polycom VBP appliance.
- ❑ Polycom HDX systems – In this solution release, to discontinue dynamic device management of a Polycom HDX system, you can now use the Polycom HDX system setup wizard. For more information, see the *Administrators Guide for Polycom HDX Systems*.

## Known Issues

Known issues are not reported at the solution level. Refer to the Polycom product release notes for the known issues related to the product and solution.