



MindLink – Version 16.4

Release Notes

Version 16.4

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1 MindLink Product Suite 16.4

1.1 Introduction

The latest version of the MindLink offers bug fixes and improvements on the previous, giving you an even more effective collaboration experience with Lync Persistent Chat.

1.2 Client-side Requirements

1.2.1 [MindLink Desktop \(v1/v2\)](#)

MindLink Desktop supports the following browsers:

- IE6, IE7, IE8, IE9, IE10, IE11, Edge, Firefox, Chrome, Safari

1.2.2 [MindLink API](#)

MindLink API supports the following chat systems:

- OCS, Lync 2010, Lync 2013, Skype for Business 2015

1.2.3 [MindLink E-mail Connector](#)

MindLink E-mail connector supports the following chat systems:

- OCS, Lync 2010, Lync 2013, Skype for Business 2015

1.2.4 [MindLink Mobile - MLM](#)

MindLink Mobile supports the following operating systems:

iOS Devices

- iOS 8 and above on iPhone and iPod touch devices

Android Devices

- Android OS version 4.4 and above

BlackBerry 10 Devices

- BlackBerry 10 is only supported for BB10 version 10.3 and above.

1.2.5 [MindLink for SharePoint - MLS](#)

MindLink for SharePoint supports the following MS Office Applications:

- SharePoint 2010, SharePoint 2013

1.2.6 [MindLink Social Connector](#)

MindLink E-mail connector supports the following chat systems:

- OCS, Lync 2010, Lync 2013, Skype for Business 2015

1.3 Server-side requirements

1.3.1 MindLink Desktop (v1/v2) – MLD

The minimum system requirements are:

- Microsoft Windows Server 2008 SP2, 2008 R2, or 2012 SP2, 2012 R2 (all 64-bit)
- Microsoft .Net Framework 4.6.1
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 only)
- Compatibility with Microsoft UCMA 2.0 and GroupChat SDK

The minimum hardware requirements are:

- Dual or Quad core, 64-bit CPU (minimum 2.4 GHz)
- Gigabit Ethernet connection
- 4GB RAM
- 1Gb disk space (80Mb for installation of binaries and up to 1Gb for Preferences to support over 1000 users)
Additional space for log files (minimum 100 MB)

1.3.1.1 **Breaking Changes**

The lowest supported version for MLD server is now 2.16

1.3.2 MindLink API

The minimum system requirements are:

- Microsoft .Net 3.5
- Microsoft .Net 4.6.1
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 only)
- Microsoft Windows Server 2008 SP2, 2008 R2, or 2012 SP1 (all 64-bit)
- Microsoft SQL Server 2005, 2008, or 2012
- 500MB Disk Space for Data and Log files

The minimum hardware requirements are:

- Dual or Quad core, 64-bit CPU (Minimum 2.4GHz)
- 4GB RAM
- Gigabit Ethernet connection

80MB Disk Space for installation of binaries

1.3.3 MindLink Mobile – MLM

The minimum system requirements for MindLink Mobile are:

- Microsoft Windows Server 2008 R2, or 2012 SP2, 2012 R2 (all 64-bit)
- Microsoft .Net Framework 3.5
- Microsoft .Net Framework 4.6.1
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 only)
- Port 9007 must be opened on the server should remote access be required to services.
- Ability to run JavaScript

The minimum hardware requirements are:

- Dual or Quad core, 64-bit CPU (Minimum 2.4GHz)
- 4GB RAM
- Gigabit Ethernet connection
- 60MB Disk Space for installation of binaries
- Additional Disk Space may be required for storing log files, minimum of 100MB
- Optional SSL Certificate installed for secure communication

1.3.3.1 **Breaking Changes**

The 16.4 release of MindLink Mobile (Server) no longer supports BlackBerry 10 devices. MindLink continues to support BB10 devices using version 16.3. This will require a separate installation of MLM 16.3 on a dedicated server.

MLM for Good (iOS) as a result of replacing the Cordova plugin; when users with an active session upgrade to 16.4 they will lose their current session.

The lowest supported version for MLM server is now 2.16

1.3.4 MindLink E-mail Connector

The host machine should meet the following minimum system requirements:

- Microsoft .Net Framework 4.5 (is available for Microsoft Windows Server 2008 SP2 and R2, Microsoft Windows Server 2012)
- C++ redistributable installation binary (for Lync 2013 only)
- Additionally, a Microsoft SQL Server 2005, 2008, or 2012 database must be available although it does not need to be installed on the host machine
- When connecting to Microsoft Group Chat, any scripts running on the OCS/Lync 2010 Pool need to be compatible with Microsoft UCMA 2.0 and the Group Chat SDK
- When connecting to Microsoft Persistent Chat, any scripts running on the Lync 2013 or Skype for Business 2015 Pool need to be compatible with Microsoft UCMA 4.0 and the Persistent Chat SDK
- When using Lync 2013/Skype for Business 2015 the host machine needs to have PowerShell version 2.0 or later installed in order for the MindLink Email Connector bot to manage chat room membership

The host machine should meet the following minimum hardware requirements:

- Microsoft Windows Server 2008 SP2 (64-bit), 2008 R2 (64-bit), or 2012 (64-bit)
- Dual or Quad core, 64-bit CPU (Minimum 2.4GHz)
- Microsoft SQL Server database (500 MB required for the database)
- Gigabit Ethernet connection
- 4GB RAM
- 100MB Disk Space for installation of binaries
- Additional Disk Space may be required for storing log files, minimum of 1 GB

1.3.5 MindLink for SharePoint - MLS

The minimum server-side requirements are:

- Microsoft SharePoint Server 2010/2013
- Site administration privileges on the SharePoint server
- 'db_owner' access to SharePoint configuration and admin databases
- FCF services
- A proxy server in front of the SharePoint server and FCF server
- If using Firewall on the frontend servers, port exceptions must be made
- Root certificate of the connector server must be a trusted root authority on the SharePoint frontend server (SSO)
- Windows PowerShell must be installed on the SharePoint server

1.4 New Features

Iteration 16.4 provides the following new features:

- (MindLink Mobile - MLM) Message ordering: The order in which messages are displayed has been changed, the most recent messages will now appear at the bottom of the screen rather than the top.
 - The scroll position of the initial view is remembered after returning from a different view.
- (MLM) Message input location: Following the change above the message input field is now anchored above the keyboard near the bottom of the screen and is now always visible.
- (MLM) The message input toolbar is only visible when there is text in the message input field or when the keyboard is active.
- (MLM) The scroll position in the message area remains the same when the keyboard is hidden/visible.
- (MLD/MLM) Support of Rich Text Formatting (RTF) for group and instant messages. Improved compatibility between MindLink and the Skype for Business client.
 - File uploads from the SfB client are now shown in MindLink and vice versa
 - Alerts sent from the SfB client are now shown correctly in MindLink and vice versa
- Colocation
 - MindLink products can now be collocated on the same server.

1.5 Improvements

ID	Details	Product
FCF-4861	Drop support for protocol version 2.14	MLM/MLD

1.6 Dropped Features

No features were dropped with this release of the MindLink product suite.

1.7 Non-breaking changes

There were no non-breaking changes introduced with this release of the MindLink product suite.

1.8 Known issues, limitations, restrictions

ID	Details	Product
N/A	Removed Cordova plugins for Good – If a user upgrades to 16.4 while having an active session will result in the user losing that session. To prevent this the user can sign off prior to upgrading to 16.4.	MLM for Good (iOS)

1.9 Bug Fixes

ID	Details	Product
FCF-4908	Mentions filter adds unread count when a group is viewed and re-added	MLM
FCF-4883	Different placement of logon fields in vanilla and good flavour	MLM
FCF-4842	Numbers in non-message text are rendered as telephone links	MLM
FCF-4875	Connector service folder still remains after uninstalling	MLM/MLD
FCF-4912	Installer removes config files for previously installed product	MLM/MLD
FCF-4872	Time stamp formatted with time underneath the date.	MLM
FCF-4852	Expired certificate reported as invalid by iOS client	MLM
FCF-4921	iOS Good client auto configure logon name policy not a proper casting	MLM for Good (iOS)

1.10 Reference Documents

For more information/documentation regarding the MindLink Product Suite, please visit:

<http://wiki.mindlinksoft.com>