



MindLink – Version 17.1

Release Notes

Version 17.1

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1 MindLink Product Suite 17.1

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 Desktop \(v3\)](#)

MindLink Desktop (v3) supports the following browsers:

- IE10, IE11, Edge, FireFox, Chrome, Safari on Mac, Safari on iOS Tablets (for iOS 9 and above)

1.2.3 [MindLink API](#)

MindLink API 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

1.3 Server-side requirements

1.3.1 MindLink Desktop (v1/v2/v3) – MLD

The minimum system requirements are:

- Microsoft Windows Server 2008 SP2, 2008 R2, or 2012 SP2, 2012 R2, 2016 (all 64-bit)
- Microsoft .Net Framework 4.6.2
- 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
- Open the following (default) ports: 4097 and 9007

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)

Certificate requirements:

- Token Issuing Certificate (Web Authentication): Set for Server/Client Authentication purposes, 2048 bit key strength (minimum)
- Security: Set for Server/Client Authentication purposes, 1024 bit key strength (minimum)
- Platform: Set for Server/Client Authentication purposes, 1024 bit key strength (minimum)

1.3.2 MindLink API

The minimum system requirements are:

- Microsoft .Net 3.5
- Microsoft .Net 4.6.2
- 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, 2016 (all 64-bit)
- Microsoft SQL Server 2005, 2008, or 2012
- 500MB Disk Space for Data and Log files
- Open the following (default) ports: 4096 and 9006

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, 2012 R2, 2016 (all 64-bit)
- Microsoft .Net Framework 3.5
- Microsoft .Net Framework 4.6.2
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 only)
- Open the following (default) ports: 4099 and 9009
- *TLS 1.2 Security Protocol must be enabled on the server*
 - *To run clients on iOS 8+ devices against the server securely*

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

Certificate requirements:

- Socket Server: Set for Server/Client Authentication purposes, 1024 bit key strength (minimum), for iOS: 2048 bit key strength (minimum)
- Host Identification Web Service: Set for Server/Client Authentication purposes, 1024 bit key strength (minimum), for iOS: 2048 bit key strength (minimum)
- Session Web Services: Set for Server/Client Authentication purposes, 1024 bit key strength (minimum), for iOS: 2048 bit key strength (minimum)
- Platform: Set for Server/Client Authentication purposes, 1024 bit key strength (minimum)
- APNS: *Provided by MindLink*

1.4 New Features

Iteration 17.1 provides the following new features:

MindLink Mobile:

- Authentication mechanism changes
 - Authentication errors are now shown on the logon screen.
- Refreshed Tablet UX
 - Changes to the 'Move IM' feature's workflow.
- File Upload Enabled State
 - File upload button is hidden if the current chatroom is set to disable file uploads.
- History Disabled
 - When chatroom history is set to the disabled state for a specific chatroom, more history will not load in the mobile/web client.
- Composing messages
 - Improved implementation for composing messages in the mobile client.
- Skype for Business Conversation History
 - When enabled, IM conversations are saved to the 'Conversation History' folder in Outlook.

MindLink Desktop v1/v2/v3:

- File Upload Enabled State
 - File upload button is hidden if the current chatroom is set to disable file uploads.
- History Disabled
 - When chatroom history is set to the disabled state for a specific chatroom, more history will not load in the mobile/web client.
- Autocomplete
 - Improved positioning of the auto-complete suggestions box for #Hashtags and @Mentions.
- Add-in sizes
 - Add-in sizes are now 'remembered' between sessions.
- Configuration of web authentication certificate
 - Administrators are required to configure an additional certificate to manage user authentication.
- Authentication Mechanism Selection
 - Administrators can allow the user to select which authentication mechanism will be used. Users will be able to select anyone of the enabled mechanisms. The selected mechanism is stored between refreshing the page and closing the browser. If no option is selected it will try each of the enabled mechanisms until logon is successful.
- Log on and Log out redirection URLs
 - Administrators can specify an external redirect URL to navigate to after a user logs out and/or if authentication fails.
- Sound and Toast Notifications

- Skype for Business Conversation History
 - When enabled, IM conversations are saved to the 'Conversation History' folder in Outlook.

1.5 Improvements

The following improvements have been made in this version of the MindLink Product Suite.

ID	Details	Product
FCF-5724	Show better error information during initialization, authentication and log on failures	MLD v3
FCF-5702	Handle 'Enter' in input link fields	MLD v3
FCF-5695	Align username and password text with cursor	MLD v3
FCF-5660	Naming and positioning of UX components	MLM
FCF-5647	The insert button should not insert nothing and be disabled or do nothing when pressed	MLM
FCF-5645	Grammatical errors in the user tutorial	MLM
FCF-5635	Cache download viewmodels	MLM & MLD v3
FCF-5626	Be right back presence is not visible when the user is trying to delete a contact	MLM – Android
FCF-5579	Opening a story from search view shows brief transparent transition	MLM – Android Tablet
FCF-5489	Better use of space on the input toolbar at low widths	MLD v3
FCF-5339	Room and contact names shift around depending on connection status	MLM – iOS (iPad Clients)

1.6 Dropped Features

No features have been dropped with this version of the MindLink Product Suite.

1.7 Breaking changes

No breaking changes have been introduced with this version of the MindLink Product Suite.

1.8 Known issues, limitations, restrictions

There is one known issue introduced with this release of the MindLink Product Suite. This issue affects MLM and MLD v3. Dragging and dropping text from the input to the input inconsistently replaces the text in the input or breaks the input.

1.9 Bug Fixes

ID	Details	Product
FCF-5850	Restarting API service does not re-join channels	ML API
FCF-5817	3D Touch allows user to bypass policies for MobileIron and AirWatch	MLM – iOS (AirWatch & MobileIron Clients)
FCF-5766	Search icon has been cropped on Mozilla Firefox	MLD v3
FCF-5764	Using capital letters in the pre-authenticated HTTP header name breaks authentication	MLD v3
FCF-5755	Stories starting with multiple line breaks (blank lines) fail to send	MLM, MLD v3

FCF-5752	'Open tutorial' does not show the tutorial if the user has no preferences	MLM – iOS (MobileIron & Vanilla Clients)
FCF-5750	Contacting offline users in 'Paragraph Layout' Scrambles the Text in the chat window	MLD v3
FCF-5749	1:1 IMs stop working when you remove a contact and re-add them	MLD v3
FCF-5732	Users cannot send a story which contains line breaks	MLM – iOS (MobileIron Client)
FCF-5726	Overlap on the LiveStream	MLM – iOS
FCF-5718	Message input toolbar scrolls off-screen with story on Safari	MLD v3
FCF-5715	Hyperlinks sent from Lync 2010 IM chat do not show as links in vNext	MLM, MLD v3
FCF-5713	Positioning of file upload selection window on iPad Pro	MLM – iOS (iPad Clients)
FCF-5711	Sending a custom link with a space removes the styling/highlight from the previous word	MLM
FCF-5699	User can still perform a search on a deleted chat room	MLM
FCF-5674	Hashtags containing descenders do not line space correctly	MLM – iOS (iPhone Clients)
FCF-5665	Dropping a file then dragging and not dropping a second file breaks the editor	MLD v3
FCF-5659	Posting a file from personal storage results in a blank message	MLM – Android for Work
FCF-5650	Can send a custom link without display name	MLD v3
FCF-5644	Send button doesn't remain vertically aligned	MLM – Android (Good Tablet Client)
FCF-5641	Overlap when the user is using the 'Move-IM' feature	MLM – iOS (AirWatch & Good Clients)
FCF-5617	Search Conversation History back arrow too low	MLM – iOS (MobileIron Client)
FCF-5592	Custom Link borders are both rounded and square	MLM – iOS (iPhone Clients)
FCF-5587	Cursor doesn't span the whole length of the input field (custom link)	MLM – iOS (iPhone Good Client)
FCF-5578	Presence looks clickable when a conversation is running on the centre panel	MLM – Android (Good & Vanilla Clients)
FCF-5358	Folders remain after uninstalling the first product in a co-located installation	MLM/MLD server installers
FCF-5296	Creating a story that is too long disconnects and reconnects the user	MLD v3
FCF-5197	Typing a # then sending before auto-complete	MLM - iOS
FCF-5035	Clicking on the message input makes the page bounce (iPad, Safari)	MLD v3

1.10 Reference Documents

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

<http://wiki.mindlinksoft.com>