

MindLink – Version 17.9

Release Notes

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1 MindLink Product Suite 17.9

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 \(v3\) – MLD](#)

MindLink Desktop (v3) supports the following browsers:

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

MindLink Desktop (v3) supports the following chat systems:

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

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 Mobile - MLM](#)

MindLink Mobile supports the following operating systems:

iOS Devices

- iOS 9.3 and above on iPhone, iPad and iPod touch devices

Android Devices

- Android OS version 5.1 and above

MindLink Mobile supports the following chat systems:

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

1.3 Server-side requirements

1.3.1 MindLink Desktop (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 3.5
- Microsoft .Net Framework 4.7.1
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 only)
- Microsoft Office 365 Tenancy (Skype for Business Online 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): minimum, a 2048 bit key strength
- Security
- Platform

1.3.2 MindLink API

The minimum system requirements are:

- Microsoft .Net 3.5
- Microsoft .Net 4.7.1
- 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, 2016 (all 64-bit)
- 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 4.7.1
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 only)
- Microsoft Office 365 Tenancy (Skype for Business Online only)
- Microsoft SQL Server 2008 R2 or above (required for high availability deployments)
- Open the following (default) ports: 4099 and 9009
- TLS 1.2 Security Protocol must be enabled on the server
 - To run clients on iOS 9+ 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
- Host Identification Web Service
- Session Web Services
- Platform
- APNS: *Provided by MindLink*
- Must meet ATS requirements for iOS device connections
 - All certificates, except the Platform certificate, require a minimum 2048 bit key strength.

1.4 New Features

Iteration 17.9 provides the following new features:

MindLink Desktop (v3):

- Multiparty IM conversations are now supported: This feature is sometimes referred to as “ad-hoc IM conferencing”. Users can create and be invited to IM conversations with multiple users, and invite additional users into private conversations – “escalation”. This functionality leverages the Skype for Business conferencing backend and is compatible with endpoints using the Microsoft native clients. Multiparty conversations are not enabled if IM is disabled for the MindLink session.
- A Typing indicator has been added to the dock allowing users to see when a reply is being written.
- A homepage has been added, providing descriptions of the options and settings. The homepage can be accessed by clicking the MindLink icon.
- Users can now manually change the size of the members or participants list to suit their needs.

MindLink Mobile:

- Multiparty invitations can now be received on MindLink Mobile, allowing users to join multiparty conversations from their mobile devices. Further multiparty functionality will be added in the next release.

Skype for Business Online:

- SfBO will now show users as inactive when they are away for a period of time.

1.5 Improvements

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

ID	Details	Product
Key	Summary	Component/s
FCF-6969	Remove the scroll bar on the home page when browser is maximized	MindLink Desktop (Web)
FCF-6967	Message state looks different on MLD	MindLink Desktop (Web)
FCF-6924	Show user presence in Multiparty user selection view	MindLink Desktop (Web)
FCF-6888	ML logo now redirects to the homepage	MindLink Desktop (Web)
FCF-6863	Show typing indicator on the web dock	MindLink Desktop (Web)
FCF-6859	Make the members + participant lists resizable	MindLink Desktop (Web)

1.6 Dropped Features

With this release (version 17.9) of the MindLink product suite no features have been dropped.

1.7 Breaking changes

All MindLink products now require .NET framework 4.7.1. This upgrade brings a performance improvement across our portfolio.

1.8 Known issues, limitations, restrictions

Below is a table of known issues, limitations and restrictions affecting the current version (17.9) of the MindLink product suite.

ID	Details	Product
FCF-6680	Contact card not visible for the currently logged on user - Android phones	MindLink Mobile
FCF-5842	Autocorrect highlight remains	MindLink Mobile
FCF-5954	Overlap exists if a chatroom has a long name	MindLink Mobile
FCF-5584	Accessing quick reply when the hashtags list is open does not open the keyboard	MindLink Mobile
FCF-6199	IE10 - After sending a pasted message the text remain at the message input	MindLink Desktop (Web)
FCF-7018	Ellipsis functionality not applied at the participants list on IE10 for long names	MindLink Desktop (Web)
FCF-7017	Users are not returning on the homepage on IE11	MindLink Desktop (Web)
FCF-7012	IE10 can't display the entire message on the livestream	MindLink Desktop (Web)
FCF-7027	Information on the homepage is not relevant when GC is disabled	MindLink Desktop (Web)

1.9 Bug Fixes

The following bugs were fixed in this version (17.9) of the MindLink product suite.

ID	Details	Product
FCF-6998	Receiving an invalid multiparty name on the livestream on MLM	MindLink Mobile
FCF-6997	Switching day-break headers on/off does not update existing message time strings	MindLink Desktop (Web)
FCF-6993	Livestream is not accessible after collapsing the panel	MindLink Mobile
FCF-6992	Multiparty invitations are not received when the user has no contacts or groups	MindLink Mobile
FCF-6984	In IM view users with long names obscure the contact card, move IM button(s) etc.	MindLink Mobile
FCF-6980	Enabling mark messages as read feature the line has introduced a second colour	MindLink Desktop (Web)
FCF-6976	Unexpected line between the search glass icon and the search term	MindLink Desktop (Web)
FCF-6975	Pop-up window left something behind when closing on IE10	MindLink Desktop (Web)
FCF-6974	App is displayed in a fraction of the screen	MindLink Mobile
FCF-6973	Push notifications are not received when the app is backgrounded	MindLink Mobile
FCF-6972	Enabling/Disabling file upload not working on MLD	MindLink Desktop (Web)
FCF-6970	Federated contact has been added on the dock list but the + button is still visible	MindLink Desktop (Web)
FCF-6968	DND presence does not update correctly on MLD	MindLink Desktop (Web)
FCF-6966	Incoming private conversation when there is a single endpoint and user has a mailbox does not send a push notification	MindLink Mobile

FCF-6952	Group members list is sometimes incorrect	
FCF-6947	Hover over effect on the multiparty button has not been applied for all the browsers	MindLink Desktop (Web)
FCF-6941	Log on page is cut off in portrait mode (Safari)	MindLink Desktop (Web)
FCF-6934	Mentions not working on MLM	MindLink Mobile
FCF-6922	Closing an empty private conversation can result in an uncaught error	MindLink Desktop (Web)
FCF-6916	Outbound multiparty alert messages do not show as alerts in native SfB client	UCMA Connector
FCF-6915	Inbound multiparty messages from native client do not show as rich text	UCMA Connector
FCF-6914	Private dock node timestamps are not aligned to others	MindLink Mobile
FCF-6913	Private conversation with an unread count does not show correctly in the dock after resuming session	MindLink Mobile
FCF-6912	Multiparty participants not always reported correctly	MindLink Desktop (Web)
FCF-6911	Composing state is reported for private dock item when remote user types in multiparty chat from sfb client	UCMA Connector
FCF-6910	Long story title causes horizontal scroll in story view at small widths	MindLink Desktop (Web)
FCF-6907	Switching conversations sends search sendable hashtags request	MindLink Desktop (Web)
FCF-6900	Conversation badge does not appear in dock	MindLink Desktop (Web)
FCF-6889	Clicking between chats shows "closing chat failed" errors when disconnected	MindLink Desktop (Web)
FCF-6876	Manual marking as read button is not showing in table mode	MindLink Desktop (Web)

1.10 Reference Documents

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

<http://wiki.mindlinksoft.com>