



# MindLink – Version 17.4

## *Release Notes*

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Version 17.4



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# 1 MindLink Product Suite 17.4

## 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 \(v3\) – 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)

### 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 4.4 and above

## 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
- 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): 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
- 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
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 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 17.4 provides the following new features:

### All Products:

- Changes to the Management Tool UI; updated with a modern look & feel including tooltips for all fields.
- Introducing; Instant Messaging (IM) Only mode. Group chat can now be disabled on the server through the management tool, optionally it can be configured for the user to choose to enable/disable group chat. In this release of the MindLink product suite an additional configuration is required to enable saving/loading of user preferences.
  - On the Lync/Skype for Business tab of each of the management tools for each respective product a custom preferences repository must be specified. This can be a local folder or a shared network folder. The service account running the respective MindLink service(s) must have read/write permissions to the specified folder. Please allow up to 1Gb in disk space for the custom preferences repository to support over 1000 users.

### MindLink Mobile:

- Additional validation rules for the management tool configuration.
- Users can now add federated contacts (if permitted by your IT department).
- The MindLink Mobile service can now be run without enabling APNS.
- Further improvements to the Persistent IM feature.
- Improved UX for history searches.

### MindLink Desktop (v3):

- Changes to the Management Tool UI; updated with a modern look & feel including tooltips
- Additional validation rules for the management tool configuration.
- Users can now add federated contacts (if permitted by your IT department).
- Further improvements to the Persistent IM feature.
- Improvements to the UX for Safari clients on iPad.

## 1.5 Improvements

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

ID	Details	Product
FCF-5831	A dot is missing on the tutorial page	Mobile Chat Android Phone Good, Mobile Chat iPad MobileIron Client
FCF-5939	Status bar item colours should be white	Mobile Chat iPhone client
FCF-5963	Minor improvements when a user sign in to the app with im disable	Mobile Chat iPad Good Client
FCF-5979	Consistent Capitalization on Android phones	Mobile Chat Android Phone Good
FCF-5997	Capitalization on the 'Open Tutorial' button	Mobile Chat iPhone client

FCF-6001	Close the file upload's menu when the keyboard is gone	Mobile Chat iPad client
FCF-6002	Align global notifications header to the left	Mobile Chat Android Tablet Client
FCF-6003	Inconsistency between global settings window and custom settings	Mobile Chat Android Tablet Client, Mobile Chat iPad client
FCF-6021	On mouseover add effect for 'x' button	Web client
FCF-6080	Make conversation history exception messages consistent	UCMA Connector
FCF-6120	Session disconnect prompt 'x' could be moved	Mobile Chat Android Phone Client
FCF-6122	Disable Log Out button when the session has been lost	Mobile Chat iPad Good Client
FCF-6164	Place the unread counts for the my mentions to the right	Mobile Chat iPhone client
FCF-6184	Add grey colour at the right border	Web client
FCF-6185	Display long names better at the Livestream	Web client
FCF-6202	Get rid of colons in the pretty link fields	Web client

## 1.6 Dropped Features

With this release of the MindLink Product Suite no features have been dropped.

## 1.7 Breaking changes

Prior to installing MindLink products (version 17.4) the server must be patched with the latest version of .NET Framework currently versioned as .Net 4.7.



## 1.8 Known issues, limitations, restrictions

Below is a table of known issues, limitations and restrictions affecting the current version (17.4) of the MindLink product suite.

ID	Details	Product
FCF-5065	Sending Emojis message story failure	Mobile Chat iPhone client, Mobile Chat iPhone MobileIron Client
FCF-5134	Sync desktop contacts shows sip:address for groups blank names are shown	Mobile Chat Android Phone Client, Mobile Chat Android Tablet Client, Mobile Chat iPad AirWatch Client, Mobile Chat iPad Good Client, Mobile Chat iPhone Good Client
FCF-5584	Accessing quick reply when the hashtags list is open does not open the keyboard.	Mobile Chat iPad client, Mobile Chat iPad Good Client, Mobile Chat iPad MobileIron Client
FCF-5690	Livestream 'Message failed! will not show unless message viewed.	Mobile Chat Android Phone Client, Mobile Chat iPhone client, Mobile Chat iPhone MobileIron Client
FCF-5763	Incorrect error message when the user is trying to move ims	Mobile Chat Android Phone Client, Mobile Chat iPad Good Client, Mobile Chat iPhone client
FCF-5842	Autocorrect highlight remains.	Mobile Chat iPad client, Mobile Chat iPhone client, Mobile Chat iPhone Good Client
FCF-5854	Cursor is positioned outside of text box with line breaks.	Mobile Chat iPad AirWatch Client, Mobile Chat iPhone client, Mobile Chat iPhone Good Client
FCF-5916	[Firefox] Default drag and drop on message input interferes with custom plugin	Web client
FCF-5954	Overlap if a chatroom has a long name	Mobile Chat iPad client, Mobile Chat iPad Good Client, Mobile Chat iPad MobileIron Client

FCF-5958	Autocomplete options appear for #tags and @mentions in IM conversations	Web client
FCF-6006	Move im remains at the middle panel	Mobile Chat iPad client, Mobile Chat iPad Good Client, Mobile Chat iPad MobileIron Client
FCF-6161	Dragging and dropping text has non-standard behavior	Web client
FCF-6199	IE10 After sending a pasted message the text remain at the message input	Web client
FCF-6260	Unread count remains when messages have been read	Mobile Chat Android Phone Client
FCF-6342	Long contact names causes the text to appear behind the Arrow and cross icons	Mobile Chat Android Tablet Client, Mobile Chat Android Tablet Good, Mobile Chat iPad client, Mobile Chat iPad MobileIron Client
FCF-6359	Presence does not updated when move im is open	Mobile Chat iPad client, Mobile Chat iPad MobileIron Client
FCF-6369	Changing the presence for the contact will escape the edit mode for the user	Mobile Chat Android Phone Good
FCF-6375	federated contact removed after logging out and in	Mobile Chat iPad Good Client, Web client

## 1.9 Bug Fixes

The following bugs were fixed in this version (17.4) of the MindLink Product Suite.

ID	Details	Product
FCF-2988	If story max length is smaller than message max length move IM breaks the server	Mobile server
FCF-5483	Loss of ability to scroll	Web client
FCF-5955	Styling issues with the DND presence	Mobile Chat iPad Good Client, Mobile Chat iPhone client
FCF-5992	Autocomplete list not available when a user sent a hashtag with one letter	Mobile Chat iPhone Good Client, Web client
FCF-6012	Horizontal resizer issues when group has an addin and description	Web client
FCF-6050	Adding a non-existent user as a contact and logging in shows empty display name	Web client
FCF-6069	Do not show the "hide offline contacts" option when IM is disable	Web client
FCF-6070	Overlap on the Safari (iPad 4)	Web client

FCF-6071	Fields are not formatted correctly on safari	Web client
FCF-6074	undo deleting a file in the message input breaks the message input for the room	Web client
FCF-6099	Stuck on authenticating for a couple of minutes when Active Directory is slow/down	Web client
FCF-6121	File upload / camera buttons become enabled after session is lost	Mobile Chat iPad Good Client
FCF-6128	When marking a completely read room as unread no last message or sender is displayed	Web client
FCF-6129	Users can break the functionality of the 'log in to mindlink' button on safari	Web client
FCF-6134	Long group names are not highlighted until the end	Mobile Chat iPhone client
FCF-6138	Threaded conversation should scroll to bottom	Web client
FCF-6157	Cursor jumps back to the start when typing a message	Web client
FCF-6177	Error description get in a bad state on IE10	Web client
FCF-6192	Ellipsis functionality not applied at the dock view on IE10 for long names	Web client
FCF-6227	Cannot add temporary contacts as permanent contacts on touch devices	Web client
FCF-6283	Management Tool does not let you specify a log-off URL when password authentication is enabled	Management tool
FCF-6284	Authentication failure redirect URL validation rule is incorrect	Management tool
FCF-6285	UCMA local server FQDN and server name validation rule applies even when auto provisioning is enabled	Host, Management tool
FCF-6296	Attempting to remove groups with mentions while looking at the myMentions filter breaks the client	Web client
FCF-6323	Camera function doesn't work for Android devices on 7.0+	Mobile Chat Android Phone Client, Mobile Chat Android Tablet Client

### 1.10 Reference Documents

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

<http://wiki.mindlinksoft.com>