

# ALM datasheet



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## Datasheet ALM (Active Login Manager)

ALM provides core business features like security and privacy to the communication needs of any employee in every type of business.

ALM is a very useful add-on to Cisco's Extension Mobility. Providing a PC integrated automatic logon engine to protect companies against unidentified high phone bills and secures internal phone usage. When using EM in combination with ALM users will experience a presence like feature.

Using special techniques and software the ALM is able to find a Cisco IP Phone within the network using the PhoneDetectionEngine (PDE). This PDE uses (Cisco) standard protocols like CDP and open standards like LLDP to detect any connected Cisco IP Phone.

The ALM software replaces the need for a user to manually enter their Username and PIN with a tiny Windows application on the user's PC or laptop computer. ALM stores the Username and PIN fully encrypted within the Operating Systems registry. Therefore protecting a user's phone and credentials.

Providing the user with the ability to either log on manually to their Cisco IP Phone or use the ALM software to automate the process.

Ideal for office or desk sharing, suitable for use in call- and contact centres. A easy and affordable way of protecting your phone system, making the use of Extension Mobility easier for all your users, prevent unauthorized usage of the phone system and stop toll-fraud.

Seamless integration with all current Cisco CallManager platforms is supported without the need to purchase any additional hardware or software components. The only requirement is a Microsoft Windows based laptop or personal computer and a Cisco IP Phone supporting Extension Mobility.

When integrating Cisco CallManager with Active Directory users may be confronted with extensive long usernames for Extension mobility. ALM is the solution. ALM is a mediator between a user and their credentials and the Cisco CallManager system.

## Key improvements in software release 4

- Improved stability
- Multiple language support added
- Added support for integrating with Cisco Unified Presence Server
- TerminalServer / CITRIX / RemoteDesktop & VDI support
- Upgraded user interface
- Start external application after successful logon/logoff

### ***Improved stability***

ALM is more stable than before, the internal detection process has gone through an upgrade and therefore ALM is able to operate more stable.

### ***Multiple languages***

By adding support for multiple languages ALM can now be used with more localised support.

## ***CUPS support***

ALM now support settings the Cisco Presence status according to the phone usage.

## ***TerminalServer / CITRIX / RemoteDesktop & VDI support***

With this new feature ALM is ready to be used within virtualized network infrastructures. ALM is now able to be used on a Server where the clients connect to and allowing to remotely control the ExtensionMobility behavior of the attached Cisco IP Phone.

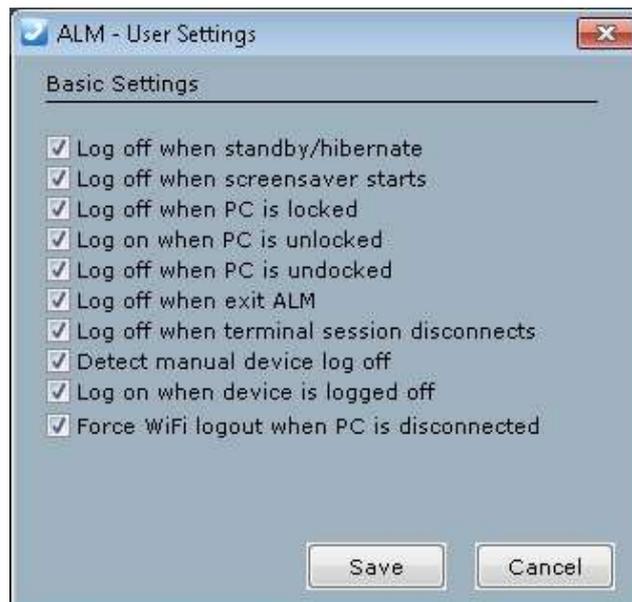
## ***Upgraded user interface***

Several screens of the ALM have been updated to support the additional and new features.

ALM now supports adding a custom logo to the main ALM interface, allowing end-users and resellers to customize the ALM according to specific needs.

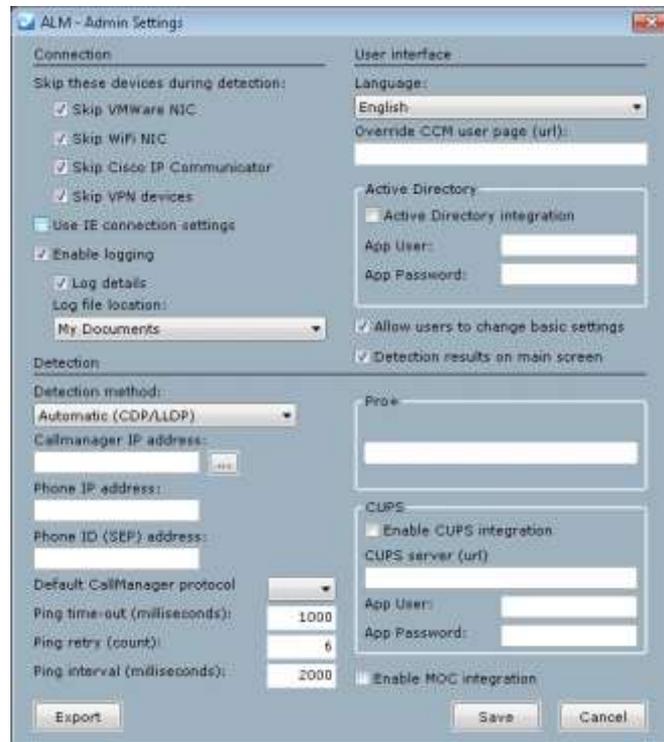
## ***User Settings***

The user settings screen allows a user to change the personal settings. These settings are saved for every user separately. When multiple users use one PC ALM allows every user to save it's personal settings.



## Admin Settings

A local, domain Administrator or Power user has the rights to change advanced settings. Refer to the "ALM installation and configuration manual" for detailed information of all the options and settings of the ALM. This document can be obtained from the RSconnect website.



### Detection, Log on and Log off

After installation the phone detection starts. The progress of the detection is visible via a system tray icon. After successful logon the ALM shows a balloon message informing the user the logon process has been completed and the IP Phone is logged on.

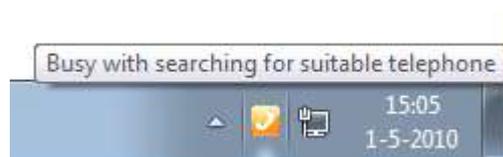


Figure 4a. ALM; searching for a suitable Cisco IP Phone



Figure 4b. ALM; suitable Cisco IP Phone found, logged on with previous provided credentials



Figure 4c. ALM; manually logoff

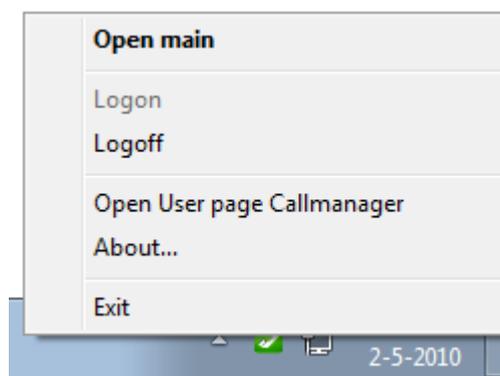


Figure 5. ALM; taskbar options

## Features

The following end-user features are supported by ALM:

- Log on phone when a user's logs on to Windows
- Logoff phone when desktop is locked
- Logoff phone when user logs off
- Logoff phone when the screensaver starts
- Logoff phone when desktop is shut down
- Logoff phone when desktop is restarted
- Logoff phone when desktop is placed in hibernation
- Logoff phone when desktop is placed in stand-by mode
- Logoff phone when laptop is removed from the docking station (only in combination with the un-dock feature within Windows)
- Automatically switch to secondary or back-up CallManager/Communications Manager in case of primary server failure

Also ALM supports the following general features depending on the license purchased:

- Support for CDP and LLDP for phone detection
- Logon and logoff Microsoft™ Office Communicator client
- Refresh Cisco Unified Presence client status
- Detect network cable plugged/unplugged
- Multiple user device profiles associated with a single user account
- Logoff phone when network cable is disconnected using available Wi-Fi interface
- Disable access to "User Settings" and/or "Admin Settings"
- Customized link to CCMUser page
- Customer specific logo in ALM main screen
- Secure/encrypted network traffic between ALM client and CallManager/Communications Manager
- Redundant CallManager/Communications Manager configuration

The features below are available on request (send an e-mail to [support@rsconnect.net](mailto:support@rsconnect.net) for additional information)

- Start external applications after successful logon
- Start external applications after successful logoff

Custom work is available on request.

## System requirements

### ***Client Hardware Requirements***

For best results we recommend at least 128 MB RAM, a 300 MHz Pentium or faster processor, 5-10 MB of free hard drive space, and a high-color (thousands or millions of colors) resolution of 800x600 or greater and a 10/100/1000Mbit network interface card.

Also the client PC needs to be directly connected to the PC Port of any Cisco IP Phone model with support for ExtensionMobility when automatic detection is required.

If automatic detection is not required any Cisco IP Phone model with support for ExtensionMobility is supported.

ALM 4 has been tested with the following Cisco IP Phones running SIP or SCCP firmware:

- Cisco IP Phones 69xx
- Cisco IP Phones 78xx
- Cisco IP Phones 79xx
- Cisco IP Phones 89xx
- Cisco IP Phones 99xx

### ***Client Software Requirements***

ALM4 has been tested on the following platforms:

- Windows XP Home/Professional
- Windows Server 2003
- Windows Vista
- Windows 7
- Windows 8
- Windows 10

From version 3.1 and up ALM supports 64bit OperatingSystems like Windows XP, Windows Vista and Windows 7 and 8.

### ***Supported Cisco Unified Communications Manager (CallManager) versions***

- Cisco CallManager 3.1 and higher
- Cisco CallManager 4.x
- Cisco Unified Communications Manager 5.x
- Cisco Unified Communications Manager 6.x

- Cisco Unified Communications Manager 7.x
- Cisco Unified Communications Manager 8.x
- Cisco Unified Communications Manager 9.x
- Cisco Unified Communications Manager 10.x
  
- Cisco Unified Communications Manager Express 7.x
- Cisco Unified Communications Manager Express 8.x
- Cisco Unified Communications Manager Express 9.x

## Ordering Information

Please send your quotation requests to [sales@rsconnect.net](mailto:sales@rsconnect.net) along with the number of licenses you require.

1 license is required for 1 PC/Phone combination, the license is not user or phone based.  
If two employees use 1 computer in combination with 1 IP Phone you will require 1 license.

## Additional Information

For any additional information please contact or visit:

- United Kingdom: +44 203 608 8259
- Other countries: +31 88 1221 800
- <http://www.rsconnect.net>
- [sales@rsconnect.net](mailto:sales@rsconnect.net)