ascom

Product:	Reliable and secure platform for alarm, messaging and administration
	Support for multiple device types
	Supports multiple system inputs
	Modular and scalable design

ASCOM UNITE CONNECTIVITY MANAGER – BRINGING TOGETHER MISSION-CRITICAL COMMUNICATIONS AND MOBILITY

UNITE CONNECTIVITY MANAGER

Ascom Unite

Ascom Unite Connectivity Manager

(Unite CM) delivers critical alarms, messaging and data to mobile staff members, regardless of their device type, enabling quicker response to information. Receiving mission-critical information directly at the point of need significantly reduces wait times and costs resulting in improved workflow, streamlined communication and a safer work environment.

Collaborate , communicate and prioritize activities

Managing information from various system resources is extremely challenging given the time-sensitive nature of delivering the right information to the right person. The Ascom Unite CM can communicate assignments and relay time-sensitive information instantly to your mobile staff or prioritize work activities of limited resources to improve efficiency and utilization. Use the Unite CM and interactive messages to create advanced two-way solutions where sensitive alarms or messages can be prioritized visually by color-coding and easily recognized audibly by distinctive message tones. Two-way messaging provides valuable feedback on acceptance of staff assignments. It assures timely task execution by acknowledging when a task is complete or initiating an automatic escalation based on pre-defined rules.

The Unite CM supports two-way interactive massaging as well as simple text messaging and advanced group messaging via a browser interface. Configure work teams to enable group notification and make certain users receive only messages and alerts relevant to their role or department. Pre-defined messages can easily be created and customized for specific alert and message content. The ability to reach mobile staff members within seconds and require message receipt acknowledgement creates a powerful tool to improve team collaboration and response time.

Key benefits

System integration

Connects with a wide array of information systems to leverage your current investment and deliver workflow improvements via mobile messaging to your staff.

Device flexibility

Supports diverse device types including Smartphones, Tablets, paging systems, and on-site wireless systems to enable a cohesive, mixed-device environment.

Scalable, modular design

Delivers a cost-effective, pay-as-you-go platform that grows as your business needs change.

Reliability

Utilizes a purpose-built appliance providing high availability with low cost of ownership.

Central and remote management

Centrally monitoring and managing your Ascom Unite CM locally is easy. Using a web browser interface you can:

- Update system software
- View activity and fault logs
- Program fault actions
- Configure alarm handling
- Manage your Ascom devices over-the-air
- Create and manage a central staff phonebook

Remote management is also available via a modem or using a VPN connection to the LAN. Administration rights are secured by password with three distinct levels: user management, basic administration, and advanced administration.

Scalable, dependable, modular design

Scalability is assured by a modular design that expands as your messaging and integration needs increase. The Ascom Unite CM supports up to 10,000 mobile device users for large Enterprise businesses and affordably scales down below 100 users for smaller deployments. Multi-site support, utilizing additional Unite CMs, provides the flexibility to grow your system as your business expands. The Unite CM is designed as a purpose-built appliance to provide high availability and reliability utilizing an embedded solid state server. Module redundancy is supported where regulatory, operational or environmental factors require a failover design.

The Unite CM is a scalable, cost-effective platform that leverages your existing investment in Enterprise information systems and communications infrastructure, transforming your business systems into a powerful mobile messaging platform. Our flexible platform supports multiple system inputs and easily converts information for delivery to a diverse group of mobile devices.

Device support

An enterprise typically utilizes a wide range of mobile devices since one device rarely meets everyone's needs. Being able to choose a mobile device that fits a particular need is an important consideration. In addition to support for Ascom market-leading VoWiFi and DECT devices, the Unite CM provides message support for other devices including VoWiFi devices from Cisco, iOS and Android smartphones and tablets, mobile phones, pagers, and text displays (e.g. LED signs).

Device management for Ascom devices

The Unite CM is the perfect tool to centrally manage your Ascom VoWiFi or DECT handsets efficiently. Our device manager gives you complete visibility and control of all Ascom devices on your network. There is no need to physically collect devices for updates as our device manager provides complete over-the-air configuration and updating.

Devices may be identified with a group or team designation in description field to more easily sort specific devices needing configuration changes. Device updates and configuration changes can be sent to an individual device or a group of devices to save time. Pre-defined templates may also be created and stored with specific configurations to quickly add a new handset to the network or update a configuration. There are flexible options to update the software version on a device (e.g. scheduled during non-peak hours or sent immediately to the device). With ease of administration and a variety of tools, the device manager provides a cost effective way to manage your Ascom devices.

Alarm and message integration

The Ascom Unite CM enables your staff to have near instant access to mission-critical information via alarms and messages delivered to a wireless device. It provides scalable, customized solutions, using standards-based hardware interfaces regardless of development platform and protocols. The Unite CM offers connectivity to standard applications like building management, security systems and HVAC monitoring systems.

The Unite CM also supports integration to vertical-specific applications in healthcare, industry, hospitality and secure establishments. Regardless of your need the Ascom Unite CM can leverage your existing information systems to create time-sensitive messaging and alerts. Automatic escalation of events can easily be customized to your particular needs resulting in time savings and enhanced safety.

Unite Connectivity Manager – Base License Options

Our flexible platform architecture provides scalable base license options with add-on functionality as needed:

- Compact Base License – small-to-medium enterprise, single-site systems supporting up to a 100 users.

- Enterprise Base License – medium-to-large enterprise, single-site systems supporting up to 10,000 users .

- Extension Base License – extension module, for compact or enterprise to increase performance, capacity or provide additional serial interface.

Ascom Unite Connectivity Manager license options

License	Description
Netpage (included as part of Compact Base License)	Advanced individual and group messaging. Web interface for IP-based applications to send messages.
Basic Alarm Manager (included as part of Compact Base License)	Send messages based on event or alarm trigger and includes message escalation options.
Inbound serial interface (included as part of Compact Base License)	Two physical interfaces supporting ESPA, TAP or Ascom Line protocol utilized for third party nurse call or fire alarms systems. (Note: requires Elise3 standard hardware).
Outbound serial interface	Supports outbound, messaging to third party paging systems via ESPA or TAP interface (RS 232). (Note: requires Elise3 standard hardware.)
GSM modem interface	Enables connection to external GSM modem for alarm and messaging integration with GSM devices. (Note: requires Elise3 standard hardware.)
Text display over IP	Support for text display over IP (e.g. LED signs and corridor displays.)
Activity logging	Activity logging for up to 30 Log View clients and XML export of log data.
Email (SMTP)	Support for both incoming and outgoing SMTP messages including protocol conversion.
Alarm Management Client (AMC)	Number of Alarm Management Clients supported, maximum 10
Duty Assignment Client (DAC)	Number of Duty Assignment Clients supported, maximum 25
Open Access Protocol (OAP)	Supports OAPv4 and includes basic one-way paging, manual acknowledge, interactive messaging, user data, alarms, location, remote change of profile, availability and poll location.
Open Java Server (OJS)	Java applications that utilize the Java Virtual Machine (JVM) within the Ascom Unite platform. Includes basic one- way paging, manual acknowledgement, interactive messaging, user data, alarms, locationing, remote profile administration, availability and poll location.
Advanced event handler	Includes: event handler with all Ascom Unite blocks, XPATH support, action handler (task handler), external duty assignment, I O handler, system 900 Master, ASCII-in (R232, UDP, TCP), HTTP-out.
Device Management	Enable device management for up to 10,000 devices.
Monitor locations	Number of duty & event assignment locations (Available from 0 to 2,000 locations), Qty. 50 locations
Module redundancy	Enables secondary Unite CM for failover design to provide a fully redundant system.
Cisco Unified Communications Manager interface (ECG)	Integration to Cisco Unified Communications Manager to provide two-way messaging for Cisco IP phones.

Unite CM Accessories	Description
19" Rack Mount Kit, Front Mount	Part No. 660324
19" Rack Mount Kit, Rear Mount	Part No. 660325