



April 2022

Welcome to the new edition of the Ascom software maintenance newsletter

Dear customer,

This gives you a handy overview of Ascom software updates released in the last six months. Please contact your Ascom representative to access the new releases. The recommended first step is to perform a feasibility study to determine how new releases will impact your existing solution. Depending on the outcome, we will jointly define an upgrade project.

All the best,

Your Ascom Support and Services Team.

Disclaimer: Not all mentioned software and updates may be applicable to the Dutch market

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ascom



Ascom d43 d63 2.12.10

This is a Hot Fix release for the Ascom d43 d63 handsets. This release implements NCRs corrections.

Ascom d63 2.12.11

This is a Hot Fix release for the Ascom d63 handsets. This release implements NCRs corrections.

Ascom d81 4.15.13

This is a Hot Fixes delivery for the Ascom d81 handsets. This release implements NCRs corrections.

Ascom d83 1.3.2

This is a Maintenance release for the Ascom d83 handset. This release implements new functions and bugs corrections.

New functionality

- BLE Special Location Components: d83 except Protector Lite variant In this version Special Location is available for BLE functionality.
- Dual microphones background noise cancelling Components: d83 The handset has two microphones:
- The microphone on the front bottom side for speech in voice communication.
- The microphone on the back side for noise cancelling during a phone call. There is a possibility to reduce background noise disturbance during a phone call using two microphones. A new parameter "Two microphones noise canceling" can be set to "Yes" to enable the feature. If it is set to "No", noise canceling is done using one microphone only. The default value of the parameter is "Yes".

Ascom d83 1.1.11

This is the first release for Ascom d83 handset, a successor of another Ascom robust handset d81. It supports the d83 Talker, d83 Messenger, d83 Protector, and d83 Protector Lite variants. This release implements new functions and improvements comparing to d81.

Ascom IP-DECT v11.7.2

Main changes in this release:

Change requests:

- Support IP-DECT central phonebook through HTTP/XML.
- HTTP client supports up to 64 character passwords.
- Configurable SIP response code for handsets out of range
- **NCR:**
- @ can now be used in system name
- Cisco proprietary SIP refer messages are no longer rejected
- DB1 restart issue
- No access issue when roaming to certain IPBS solved
- Correction for a bug where Master lost multicast groups
- IP-DECT/Handset firmware upgrade from SwyxWare
- Fix for Software upgrade when firmware files are stored at swyx.com domain

Ascom WinPDM v4.1.2

This is a hotfix release to correct the USB driver solution and provide an NCR fix.

WinPDM v3.15.3

This is a hotfix release to correct issues related to WinPDM installation and ability to restart the WiFi handset.

Ascom i63 Version 3.0.10

This is a hotfix for correcting NCRs and bugs. This hotfix should be seen as a replacement of SW 3.0.8 due to parameter definition conflict, please read 'Upgrade considerations' before upgrade.

Upgrade considerations: In SW 3.0.8 the major version number of the parameter definition was incremented from 8 to 9. Due to this change, it was necessary to perform a migration process after upgrading to 3.0.8. All saved handsets had to be deleted in the Numbers tab in the device manager so that they could be resynchronized from the handsets and then saved again.

Unfortunately, this had the side effect that any description entered for the saved handset would also be lost. In SW 3.0.10 the version number has been reverted back to 8, so that upgrades from versions prior to 3.0.8 can be performed without the migration process described above. Those who have already performed the migration process to 3.0.8 so that their handsets are now saved using version 9 can stay on 3.0.8 until the next feature release (3.1.x). All other users are recommended to upgrade to 3.0.10 instead of 3.0.8

Ascom Myco 2 Version 16.1.1

This is a maintenance release. Important changes in this release:

- Android security patches
- One NCR resolved



Ascom Myco 3 – FR9

- Provide solutions for customer change requests:
 - E911 location tracking
 - Start Google voice assistance from Multi-Function Buttons
 - Send DTMF from apps
 - Call setup and Push-to-talk (PTT)
 - DECT beacon location
 - Initiate SW update when not in charger
 - Screen timeout from MDM
 - Send Event log to Syslog
 - Configuration of the notification drawer
 - Remove the Google search bar
 - Supervision of apps, step 2
 - Loudspeaker improvement, cellular
- BlueParrot headset integration
- Myco 3, Enable/disable random MAC address via OEMConfig
- OEMconfig support for Battery Optimization settings
- Provide corrections and other improvements:
 - NCRs
 - Security patches
 - This firmware includes Ascom Experience package 3.3.1. There are patches available to upgrade between 3.2.2 and 3.3.1. More upgrade patches can be created on request.

Ascom Myco 3 – FR8

- Provide solutions for customer change requests:
 - Button configuration – Press & release mode
 - Battery health information
 - Supervision of third-party apps
 - Continuous barcode scanning
 - DECT base station location
 - Loudspeaker improvement for Ascom VoIP
- Provide corrections and other improvements:
 - NCRs
 - Security patches
 - Extended caller name display for incoming calls
 - Three-party conference calls with Ascom VoIP
 - Configuration of Ascom VoIP voice codecs
 - Improved SIP registration with name
 - This firmware includes Ascom Experience package 3.2.2. There are patches available to upgrade and downgrade between 3.0.2/3.0.3 and 3.2.2.
 - More upgrade patches can be created on request.

Ascom Myco 3 – SMR 3.3.2

Provide corrections and other improvements:

- Security patches
- Support for new hardware in production

This firmware includes Ascom Experience package 3.3.1. There are patches available to upgrade from 3.2.2 or 3.3.1 to 3.3.2. More upgrade patches can be created on request.

Ascom Experience package 3.3.2

This is an Ascom Experience package release, not a complete firmware. The main changes in this release:

- NCR corrections This Ascom Experience package requires firmware 3.3.1 or later.
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Digistat Suite 7.2.2

Digistat Suite 7.2.2 introduces following new functionalities:

- IT Supervision, a section of the Configurator Web that allows to check the status of the Digistat Suite and of the environment where it is installed
- A new CDSS rule that allows skipping the user validation of data displayed in Online Web and Online Mobile modules (similar to the old Autovalidation module for Online Desktop); the rule can be configured to exclude some data, e.g. vital parameters outside of a certain range
- Patients' admission/discharge using Smart Monitor Web
- UTF8 chars support in alerts and messages
- Background colors support in the Smart Central Format String
- Medical Device Model can be displayed in the Smart Central bed cards
- Default permissions and roles when Users are imported by the Unite Entities Integration service
- Polish translations in Digistat Suite Client and User Manuals

Digistat Suite 7.2.2 also introduces bug fixes for the following functionalities and components: High Availability, Connectivity, CDSS, Configurator Web, Database upgrade scripts, Installation Packages, Smart Central, Smart Central Mobile, Smart Monitor Web, Report Generator, Unite Entities Integration.

Digistat Suite 7.2.1

Digistat Suite 7.2.1 introduces the following features and improvements:

- Support to new wearable devices: SECA Digital Scale and Cosinuss C-med alpha
- Support to Telligence Staff Station multi beds
- Added Database-ID in the license configuration window of installation wizard
- Added further configuration parameters in the Unite Entities Integration window of installation wizard
- Improvements in Browser module performance and in the navigation between two or more configured web pages
- Improvements to the database cleaning procedure to remove old waveform snapshots
- Improvements in Online Web module about error messages and widget configuration
- Improvements in the Digistat Connect subcomponent: it can now handle hundreds of Port Servers and thousands of drivers running simultaneously

Digistat Suite 7.2.1 also introduces bug fixes in:

- Arcomed Pumps and Digistat Gateway drivers
 - Configurator Web, Controlbar Web and Online Web
 - Connectivity - Installation Packages and DB upgrade scripts
 - Waveforms in Digistat Mobile
 - Unite Entities Integration and HL7 Dispatcher services
 - Controlbar, Browser and FluidBalance modules
 - High Availability of CDSS and Smart Supervisor
 - Translations of CDSS Configurator section of Smart Central Desktop
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Digistat Suite NA 7.2.2

Digistat Suite NA 7.2.2 introduces following new functionalities:

- IT Supervision, a section of the Configurator Web that allows to check the status of the Digistat Suite and of the environment where it is installed
- Patients' admission/discharge using Smart Monitor Web
- UTF8 chars support in alerts and messages
- Background colors support in the Smart Central Format String
- Medical Device Model can be displayed in the Smart Central bed cards
- Default permissions and roles when Users are imported by the Unite Entities Integration service

Digistat Suite 7.2.2 also introduces bug fixes for the following functionalities and components: High Availability, Connectivity, CDSS, Configurator Web, Database upgrade scripts, Installation Packages, Smart Central, Smart Central Mobile, Smart Monitor Web, Report Generator, Unite Entities Integration.

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- Support to Telligence Staff Station multi beds
- Added Database-ID in the license configuration window of installation wizard
- Added further configuration parameters in the Unite Entities Integration window of installation wizard
- Improvements to the database cleaning procedure to remove old waveform snapshots
- Improvements in Digistat Connect: it can now handle hundreds of Port Servers and thousands of drivers running simultaneously

Digistat Suite NA 7.2.1 also introduces bug fixes in:

- Arcomed Pumps and Digistat Gateway drivers
 - Configurator Web - Connectivity
 - Installation Packages and DB upgrade scripts
 - Waveforms in Digistat Mobile
 - Unite Entities Integration service
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Telligence 6.8

Telligence 6.8 software (NGTELL68-S or NGTELL68NM-S) is required for running the Telligence nurse call system and includes the Integration Module for Telligence (IMT) used for connecting Telligence to Ascom Unite or to third-party middleware. NGTELL68-S is recognized as a medical device and shall be used for any installation in North America, or any installation utilizing NUMI2-HE, or NUMI2A-HE in combination with NUMDC-H. All other installations will use NGTELL68NM-S (non-medical device software). Telligence 6.8 provides support for global NU series hardware components, and legacy C600 HC series installations. Telligence 6.0 and higher does not support Telligence C300 and cannot be used to upgrade an earlier version of Telligence operating as a C300 system. Sites with NU series devices, and C300 configuration may require a new license file. Telligence 6.0 and higher does not support Telergy integrations. Telligence installations with Telergy, or HC series C300 must utilize a Telligence software version below v6.0.

When upgrading an existing system, please allow enough time for the upgrade to complete. During the upgrade the IP devices and all NU-series devices will receive new firmware, if current version is prior to 6.4. As a result, the time needed to upgrade will vary with each system. For example, a system supporting a duty area with twenty rooms, and each room containing one dome light and five to six devices, will take approximately one hour to upgrade.

6.8 Changes:

- Improved Cord Fault detection and annunciation of cord faults.
- Duty Station activates LED on speech module when playing duty tones.
- Fixed several issues with the NUMDI2 that was causing the MDI to stop working.
- Add support for UK Marking on Telligence Display devices.

6.7 Changes:

- Added support for IR control using the 14 button handsets when multiple TVs are in the room. Each handset can be configured to control a dedicated TV in the room.
- Corrected issues with licensing for the NUBR37-HU

Unite Platform Server 4.16.1

The purpose of this release is to provide a fix for an issue in Unite Platform Server 4.16.0 that may cause duplicate shifts.

Unite Platform Server 4.16.0

The purpose of this release is to implement new features and to resolve maintenance issues. The main changes included in this release:

- Support for Do Not Disturb
- Support for Shift Overlap
- Improved password hashing

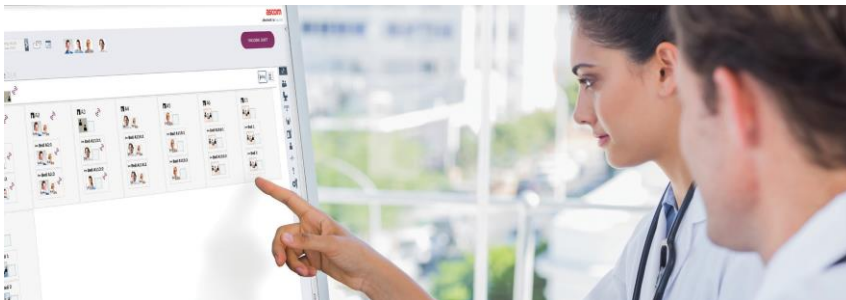
- Improved access rights management
- Improved configurability for the Unite location tree
- Support for "all on zone" in the last redirection level
- Support for Clinical Events Dashboard
- Support for OpenID authentication

Unite Platform Server 4.15.0

The main purpose and objective of this release is to implement support for new features, and to resolve maintenance issues.

Major changes of the software include:

- The main purpose and objective of this release is to be able to support RabbitMQ encryption TLS v1.2.
- Additional items included in this release are resolved issues identified both externally and internally related to previous version of the product.



Unite Axess Server 6.9.0

Support for Apps released in 2021 Q4 Release and maintenance.

Support for:

- Support for Rabbit MQ 3.9.x
- Support for Open ID Connect based login
- Support for DnD

- Support the use of external location server when sending personal alarms
- Support for Apple Local Push Notifications for iOS Apps
- Improved system monitoring of C4CS
- Support for indicating "Test environment" in non-production installations

Unite Axess Server 6.8.0

Support for Apps released in 2021 Q3 Release. Support for:

- Rabbit MQ client connections using TLS 1.2 Encryption
- Added BLE location settings
- per user

Unite CM 5.27.0

This version contains general maintenance and security updates.

Unite CM 5.26.0 (rev. B)

General maintenance and security updates, in addition to removal of Java requirements.

Major change of the software is

- Security improvements
- BAM support for BLE

Unite CS 1.20.0

General maintenance and security updates.

- Support for Red Hat 7.9

Unite CS 1.19.1 (Rev. B)

General maintenance and security updates.

- Support for Red Hat 8.4

Unite Log Collector 3.15.0

The purpose of this release is to support larger databases

This release uses a new data type for the ID's of database entries. With this change, larger databases are supported. Additionally, logging can be done for a long period of time without having to recycle the database and lose history.

Ascom Login 1.10.0

Implement new features, maintenance updates and bug fixes.

- Added support for the new availability status changes (DND)
- Test environment banner
- Alert supervision warning (improved system monitoring)
- Support login using Open ID Connect solution
- Other improvements and bug fixing
- Language translation updates for Q3

Ascom Login 1.9.0

Implement new features, maintenance updates and bug fixes.

- Improved the BLE Beacon location feature
- Support for Dect Base Station location
- Disable battery optimization dialog in the application
- GPS location fixes
- Troubleshooting improvements
- Support for broadcast that trigger Data Send request
- Polish, French, Spanish, Italian, Russian, Slovak, Swedish, Simplified Chinese, Danish, German, Finnish, Portuguese, Norwegian, Dutch

Ascom Unite Collaborate for Android 1.10.1

The main purpose and objective of this release is the addition of Do Not Disturb support, pdf attachments, other features and maintenance updates.

This includes, but is not limited to:

- Added support for the new availability status changes (DND)
 - Support pdf attachments
 - Support for test environment banner
 - Improved logging system to evidentiate the crashes of the application
 - Advanced Availability Profiles for Busy and the new Do-Not-Disturb status
 - Enabled and configured by administrator
 - Enhanced message/voice call and alert profiles to block interruptions
 - Document Attachments
 - Pdf document type is added to the file type support
 - Test Banner
 - Enabled in Axxess Server setup
 - When enabled banner appears to reinforce use for test only
-

Ascom Unite Collaborate for iOS 1.3.0

The main purpose and objective of this release is to deliver iOS 15 compatibility and the following major features:

- Single Sign On with other Unite iOS applications
 - Document attachments
 - Advanced availability profiles (Do Not Disturb and Busy)
 - OpenID Connect integration
 - Local Push Connectivity integration
 - Allow user to use basic chat without licensing
 - SSO for Unite iOS apps
 - Access for Smart Devices iOS and Collaborate iOS will login to both apps from a single entry in either app when both apps are present on the phone.
 - Advanced Availability Profiles for Busy and the new Do-Not-Disturb status
 - Enabled and configured by administrator
 - Enhanced message/voice call and alert profiles to block interruptions
 - Document Attachments
 - Pdf document type is added to the file type support
 - Basic Chat without Collaborate license
 - Collaborate Chat App can be used for 1-to-1 chat between users
 - Does not support attachments, adhoc group chats, and patient centered chat
-

Ascom Unite Collaborate for Web 1.3.0

The main purpose and objective of this release are the enhanced availability status, the addition of attachments, other features and maintenance updates.

- Advanced Availability Profiles for Busy and the new Do-Not Disturb o Enabled and configured by administrator
 - Enhanced message filter behavior to block interruptions
 - Accessed and set in User Profile
 - File Attachments
 - Image, video, audio, and pdf document
 - 10 MB file size limit o 1 minute length for video and 5 minute for audio
 - OpenID Connect integration
 - Redirect login to third party authentication
-

Ascom Unite Personal Alarm 2.2.0

Implement new features, improvements and bug fixes.

- Support for alarm delivery over DECT
 - Requesting DECT base station locations from Ascom Login and appending them to locations sent for alarm
 - Requesting BLE beacon locations from Ascom Login and appending them to locations sent for alarm (improved from BETA feedback)
 - Language translations support
-

Unite Analyze 5.15.1

This release includes maintenance updates.

Unite Analyze 5.15.0

This release introduces new reports and includes maintenance updates. It also modernizes the report viewer for better performance, better search options, and more export capabilities.

Unite Connect 3.8.6

Unite Connect version 3.8.6 allows support of up to 10,000 users. In previous versions, users had to be synchronized with the Unite Platform Server. Due to the time required for this synchronization and due to the performance impact, the maximum number of users was previously limited to 5,000. In Unite Connect version 3.8.6, there is (by means of an optional setting*) no need for synchroniza- tion. Software components related to the internal mail server functionality of the Unite Connect module were upgraded to solve security vulnerabilities.

Unite Connect for Clinical Systems 8.7.0

Implementation of new features and maintenance items. Connect for Clinical Systems 8.7.0 is a feature release. Firstly, it adds the ability to install two instances of Connect for Clinical Systems on the same server/machine/node. This functionality offers increased isolation of the operation of medical device based integrations from other (optional) integrations for non-medical devices. Secondly, this release supports the new system-level features Shift Overlap (by increasing the maximum number of user assignments in Connect for Clinical Systems) and Do Not Disturb (by means of breakthrough alerts in the catchnet). In addition to new features, this release includes other improvements.

Unite Connect for Clinical Systems 8.6.1

Implementation of new capabilities and planned maintenance items. Connect for Clinical Systems 8.6.1 is provided as a maintenance release intended to address items identified in the previous released version of the product (i.e. 8.6.0). The scope of the changes identified for this version include addressing compatibility with TLS 1.2 when using encrypted communication between components. Improving the operation of the Drager Infinity acquisition driver, to better cooperate with potentially improperly configured telemetry devices. As well as enhancements to clean-up routines related to alert data retained for diagnostic purposes and further improvements to the handling of short duration or rapidly changing alarm conditions which can potentially remain active in the messaging system after they are terminated at the source.

IMS3 4.11.4

This version contains general maintenance and security updates. This version does not contain major changes.

vNISM 2.1.0

This is the last release of the teleCARE IP 13 project supporting the NIRC4 and NU peripherals: Support virtual NISM version 2.1.0

- Support room controller version 4.1.0
- Licensing
- Wander Management
- External Triggers

MARi 4.2.0

In this the last release of the teleCARE IP 13 project supporting the NIRC4 and NU peripherals. The main purpose of the release is to implement the following features:

- Room configuration settings feature. This feature gives the possibility for managing access to modules configuration. Room settings page is added for MARi system administrator. On this page, it is possible to enable, disable or limit the access to configuration of a module/location on Room configuration page. Also, improvement is done to prevent disabling calls on NUMI2A modules. In addition, Audit trail for Room configuration is implemented to view the history of modules configuration. It is possible to view what action was done in the specific date/time by system users.
- Drag-and-drop way of adding files from Windows File Explorer to MARi and Configuration applications for their later uploading/installing/restoring: sal-backup.fbak file to MARi/Maintenance page, firmware/backup files on Configuration/System Operations page.
- Date/time format settings. It is possible now to select different time format that will be used throughout the MARi application to satisfy various customers.
- Licensing: MARi license information is obtained from vNISM and displayed on MARi status page.
- Improvements in MARi reporting part: Default report name is automatically added during configuration. In addition, it is possible to preconfigure default e-mail recipients for scheduled reports.
- Improve responsiveness of Assignments and Room Configuration pages, by showing a progress bar during saving in case of the large number of locations.
- MARi duty selector is improved by adding duty times in addition to names.
- Possibility to add wireless modules with the same name in different assignment areas is implemented.
- Issue is fixed with backup restoring if SAL database is full. Various errors were fixed which makes the system more stable.

Ascom Unite SmartSense 2.1.0

This is a release addressing improvements and planned maintenance items.

Main improvements:

- Enable alarming directly from 3rd party sensors by using the Alarm API.
It is now possible for 3rd party sensors to trigger alarms in Unite SmartSense. The settings of the Resident profile will decide if alarm is actually triggered by Unite SmartSense.
- Manage alerts screen
In the new manage alert screen it is possible to manage the alert settings for a resident profile. It is possible to add an alert option (including icon and text) for a substatus (triggered through the status API) or alarm (triggered through the alarm API).
- Enable Ascom Login with Unite SmartSense App (for Android)
It is now possible to use the Ascom Login App (Single Sign On) to login to the Unite SmartSense App (for android). This requires the use of Unite users for authentication.
- Support of Microsoft SQL Server for SmartSense database
- As of this version the Unite SmartSense database uses a Microsoft SQL Server. This is in line with other Ascom (Unite) applications. Previous versions of Unite SmartSense used PostgreSQL.
- Improvement serviceability of Unite SmartSense
When clicking on a specific sensor in the Manage Sensor screen it is possible to see detailed information on the last communication of the sensor. This can be used to investigate sensor issues or confirm sensor is communicating. In addition, a new sensor warning is available. This is a sensor warning specifically for bed sensors. This warning will indicate to the users when a sensor has been set, but not cleared for at least 24 hours. This warning could indicate there is something wrong with the sensor (or mounting). But it is also possible a resident has been in bed for 24 hours. Therefore, this warning serves as an indication only.
- Camera's for generic use
- It is now possible to set a camera for generic use. This allows users to select a camera in shared area's for multiple assignment areas. Previously a camera was only assigned to one area. Ascom Unite SmartSense 2.1.0 Release Notes – 29 March 2022 Limitations and known issues Ascom Unite SmartSense 2.1.0 is a controlled shipment released for specific Ascom regions. Please check with Unite R&D and Patient Systems R&D before selling the product. Changes Description of changes relative to version: 2.0.0 This section describes corrections, both reported NCRs but also corrections that have been found internally. Improvements and correction

Milestone

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Mitel

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