

Release notes N870/N670

Software 2.48 June 2022

- Show in syslog when license is applied for wrong master DM
- Device doesn't send REGISTER after provisioning when TCP is used
- Unexpected change of license status from "License activated" to "Failover period active" after changing SIP provider settings and reboot.

Software 2.47 June 2022

- Add [new MQTT connection Method](#)
- Introduce [sip.instance](#) and reg-id according to rfc5626
- Broadsoft XSI phonebooks, [lookup in multiple XSI phonebooks](#):
- Update PJSIP library to version 2.11.1
- Messaging:
 - Improve performance of deleting messages in msg-service via delMsg procedure
 - Blue color AML texts and icons support
- TLS 1.3 support
- Warn about SIP messages too long for UDP transport
- Show longer internal names on R700H / S700H / SL800H handsets
- [Create web page for automatic backup](#)
- Fallback from failover honoring a penalty time
- [AML inventory/status report: base stations and DECT managers - connectivity and synchronization](#)
- Show in the UI and Logs reason for not registering SIP
- N870 loses the SIP registration until the next restart
- Some mobile devices are no longer registered after a network down
- Registration after receive 503 with Retry-After
- N870 with V2.44 - VI licenses no longer work
- Minor memory leak when performing LDAP tests
- Failed registration retry timer not respected due to SIP registration monitoring
- MWI after "Call completed elsewhere"
- Phonebook Italian translation for "Refine"
- DTMF not work if 103 telephone-event/48000 is send in "INVITE"
- N670 restart sporadically.
- Trying and Ringing send with codec mismatch
- License:
 - Missing MAC address of Master DM in MAC-ID and not possible to upload license file for Master DM
 - Invalid license status: Activation Period -1 d for some variants
- Messaging:
 - Second paragraph in message is not displayed in detailed view
 - Title not displaying in detailed view
- LDAP
 - Incorrect search request and sporadic giga-ip-bs crash during specific LDAP search
 - Heal TLS LDAP session pending too long

Software 2.44 Jan 2022

- [Automatic back-up to an SFTP server](#)
- AML
 - [Per default one Messaging and Location License is enabled](#)
 - [Show AML licenses on License page](#)
 - [Message Melody Names are still missing translation in handset UI](#)
 - [Application server, secure connection using certificates](#)
 - [User settings like silencing can be overruled via MQTT](#)
 - [Vibration can be activated via MQTT](#)
 - [Message ringtone volume can be set via MQTT](#)
 - [Text with line break can be send](#)
 - [Option to allow user to delete the message can be set to yes or no via MQTT](#)
 - [Reply options changed from 3 to 10](#)
- [Auto-provisioning: Set TTL value for IPv4 for INT-DM roles](#)
- [Auto-provisioning: NTP server via DHCP option 42](#)
- [Auto-provisioning: DNS option 6 DNS server](#)
- [Central phonebook:](#)
 - [Search anywhere in name can be configured](#)
 - [Sort on first name / last name or Last name / first name](#)
- [The handset can not connect for a short period, show "No base"](#)
- [Web UI: DECT Settings - add DECT radio band selection for SEA/Taiwan](#)
- [SUOTA pull](#)
- [Download of FW file is not possible if the MAC is checked](#)
- [Disable central phonebook for large installations](#)
- [License: Web-interface: Remove "Create Request File"](#)
- [Fix registration problems with >1 Contact headers](#)
- [Add support for SIP-OPTIONS sent during INVITE dialog](#)
- [ptime value is not sent in outgoing calls](#)
- [System restarts, sporadic giga-ip-bs termination](#)
- [DECT system loses registration on PBX after approx. 3 months](#)
- [N670 restart sporadically](#)
- [LDAP improvements](#)
- [In dialog Re-Invite is not answered with all codecs in SDP](#)
- [Calls can't be set up from time to time \(603 decline\)](#)
- [uaCSTA Registration refresh timer](#)
- [uaCSTA Clear Connection in calling state](#)
- [uaCSTA incoming call ringing end call by caller](#)
- [XML phonebook: HS displays "empty line"](#)

Software 2.42 Sept 2021

- [Alarming, messaging and location](#)
- [SIP messaging](#)
- [Messaging and location license](#)
- [NAT refresh timer](#)
- [TLS 1.3 first implementation for provisioning / LDAPS / MQTT](#)
- [Central phonebook search anywhere in name via provisioning "CentralBook.0.SearchAnywhereInName"](#)
- [Russian/Dutch translations](#)
- [Provide feedback when DM statistics are not available](#)
- [DST Root CA X3 certificate expires in less than 180 days \(2021-09-30\)](#)
- [Improve syslog to show why license was rejected](#)
- [Re-invite is not answered with all codecs in SDP](#)
- [Statistics not retrieved - Operation Failed and other WEB UI pages not shown](#)
- [Provisioning using "@" sign blocks adding DECT base "System limit has been exceeded."](#)
- [Splash ring: wrong soft keys are shown after answer the call](#)
- [Web-interface, system is shown as "small" instead of "medium"](#)
- [Incorrect display in the statistics "Operation failed"](#)
- [Statistics Reset all doesn't include LAN counters](#)
- [After update with expansion to 20 providers, 1 missing 19 shown.](#)
- [System reboots when trying to access LDAP contacts](#)
- [Crash after incoming calls from certain mobile phone provider](#)
- [Dropped calls giga-ip-bs terminated](#)
- [Base Restarts when wants to hear VoiceMail](#)
- [Performance problem with BS synchronisation page](#)
- [DECT not responsive after Network voice mail pressed simultaneously from 2 DECT devices](#)

Software 2.39 March 2021

- Implementation of ['mediasec'](#) support
- N670 [Mini-multicell](#) solution
- N670 with [N670 UPGRADE TO N870 FEATURE LEVEL](#) license can be used as DECT Base in N870 multicell system
- [Provisioning of network settings](#)
- gigaset-config.com is supported
- uaCSTA improvements
- Tone scheme "Greece" can be selected
- Delete handset does not work when capital letters are used for IPUi
- Use xHTML phonebook for call transfer > works not with the prov xHTML phonebook Key
- [Blind-transfer can be disabled](#)
- Change system from Small to Medium then error message is shown
- Firmware update via 2-way SSL fails
- Wrong MWI indication caused by platform NOTIFY broadcasts
- CNIP with special characters doesn't display correctly
- Outgoing call with letters in SIP from user part is not stored
- CNIP is not displayed on HS if it contains "@" character
- XSI phonebook list 211 "Too many entries found" but works
- Empty header for entry view in Personal and Group Common directories
- Incoming call with letters in SIP From user part is not stored with URI to call back
- When SRTP used, after 90 days no audio
- XSI phonebook, can not answer call due to bad/slow network connection

Software 2.36 September 2020

- [SIP account for provisioning](#)
- [LAN statistics DECT base via new DECT base web-interface](#)
- Increase number of SIP providers from 10 to 20
- Auto-provisioning
 - [Improve delete handsets](#)
- Update PJSIP library to version 2.10
- CLI-config: system applications / services should consume DHCP options only if requested
- XML number filter visible in web-interface by default
- uaCSTA normalClearing not send when other side disconnects call
- [Enable hiding passwords for SIP all Accounts](#)
- Feature key synchronization can also be used by non Broadsoft platforms
- No name displayed when number is anonymous
- [Turn LED signalling on/off via the web-interface](#)
- Add popup to reboot system after importing DECT handsets
- Make syslog easily configurable
- Web UI - Licensing - Activation period status message
- Dm ID can be set via provisioning
- PJSIP stops sending REGISTER by TCP after reboot of PBX
- sip-control terminated.
- Switch from UDP to TCP and back then no SIP registration anymore
- Network name replacement does not work in Jumbo mode
- Lack of syslog info about mobile device import fail
- LDAP stops working
- Reset of VI with keep IP option resets to dynamic IP instead
- No information about anonymous call is displayed in jumbo mode
- SIP re-register stops when platform is unavailable "Not enough memory" message is seen
- Graphical tool does not show signal info to base station with equal or higher sync level
- Capacity of DM's is not summarized correctly by web-ui
- No LAN synchronization possible for medium deployment if DM is LAN Master
- [Online directories][XML] Escaped characters and numeric character entities are not recognized

- [Install DECT base in different subnet](#)
- Virtual [Integrator](#): Licensing of up to 100 N870 and 300 Single Cell DM's (N670) is possible
- Embedded [Integrator](#): Licensing of up to 4 N870 and 20 Single Cell DM's (N670) is possible
- [N670 upgrade to N670 multicell](#)
- N870 up to 10 base-stations ([Small](#)), number of maximum parallel calls increased from 10 20
- Web-interface HTTP access is disabled, redirected to HTTPS only
- [Role change](#) via hardware key is made more simple including LED signaling
- Show in web-interface if DECT base firmware update is running
- [One button Diagnostics](#) download
- WebUI becomes inaccessible (No connections..., please wait...) when enabling TLS
- T1 timer minimum value increased to 100 ms
- Provisioning
 - Sending Empty or wrong value DECT Radio band caused DECT radio to be disabled
 - Improve auto provisioning speed from 63 seconds to 13 seconds
 - Provision certificates and device settings in one provisioning job
 - [Hide web-pages](#)
 - [Time span when the device checks for provisioning updates needs to be configurable](#)
- Client certificate not added in case of 2-way SSL.
- XML online directory - Results not visualized in case of more than 99 entries
- N670/N870 Central Phone-book: Not able to search for special characters
- xHTML
 - use xHTML phone-book for call transfer
 - Password is limited to 9 characters
- Device does not send DHCP release when rebooting, can be enabled by [CLI](#) or variant.
- [Central phone-book](#)
 - Delete via web-interface is now possible.
 - When first line is empty, phone-book does not work
- [One user-agent](#) behind integrator
- Web-interface:
 - Removed not functional phone systems
 - [Hide web-pages](#)
- SIP control terminated fixed
- NOTIFY with a tag in header "To" causes "500 Unhandled by dialog usages"
- When '#' is added to numbers it is displayed on HS as '%23'

- [DECT base level 1 redundancy](#)
- [LAN sync statistics in base station statistics](#)
- [RTCP support](#)
- [SIP compact headers](#) are supported
- For service fade-out option, [Block new calls](#)
- Web-interface is blocked for 10 minutes after 3 wrong login attempts
- Supported web-interface languages: English / German / French / Spanish / Dutch / Italian / Portuguese / Turkish / Russian / Czech / Polish / Slovenian / Greek
- N870 all-in-one with no extra DECT base can now handle 8 parallel calls instead of 5
- Improve SIP via TCP socket handling
- RTP-port range per DECT base changed from 400 240
- RTP-port range for 60 DECT base stations changed from 24000 14400
- Auto-provisioning:
 - Add provisioning parameter: Maximum search results [central phone-book](#)
 - No Error is displayed in web-interface when firmware update is empty or not needed
 - Outbound proxy with leading space not resolved by DNS
 - Improved performance adding handsets and SIP accounts
- Zombie handsets: show now more customer friendly message: "Please register!"
- No missed calls when call waiting is disabled
- xHTML white-space trailing before "&" sign
- Turkish characters not displayed correct at some DECT handsets
- Cyrillic characters not displayed during Pickup notification
- Access Code not applied in case of option - From network directory
- Room monitor call not possible
- Translation improvements
- [E.164 support](#)
- Failed registration retry timer is not respected when SIP proxy is set
- [Distinctive ring](#):
 - Empty header is supported
 - Re-register handsets to display all ringtones
- Delete/change important settings, protected via username and password.
 - Delete one or more DECT handsets.
 - Admin password
 - User password
 - CLI password
 - Web security certificate
 - Reset device/role change

- Supported Languages: German / English / Spanish / French / Italian / Russian / Turkish / Netherlands / Portuguese
- Save of [Central phone-book](#) is now possible
- [Distinctive ringing](#) for internal, external, door station, group, emergency or user defined call types
- Add [capacity information](#) to http (GET) user-agent header
- Large and XXL systems are now released
- N870 in Integrator mode only:
 - Up to 4 DECT Managers (With [license](#))
 - Up to 800 DECT handsets
- N870 Virtual Integrator is released
 - Up to 100 DECT Managers (With [license](#))
 - Up to 20000 DECT handsets
- [DECT GAP handsets protection](#) can be disabled
- Improved DECT handset registration, up to 10 registrations in parallel can be done.
- NAPTR
- CSTA
 - CSTA session already active
 - CSTA transport protocol can be changed via the web-interface
 - SnapshotDeviceResponse answer is wrong
 - Switch the transport protocol without an reboot
 - Device reboots when using uaCSTA and receiving 2^o incoming call
- CNIP not updated on Transferee after transfer
- Central phone-book
 - Can be downloaded via the web-interface
 - INT key can be assigned to Central phone-book
 - After provisioning phone-book is automatically downloaded
- Web-interface:
 - Show Licensing page when used as Integrator only
 - Configure SIP registration behavior if mobile device is not connected/reachable
- Caller-Id not updated after call transfer at OpenScape Business
- Fix for CNIP with Cyrillic characters not displayed on DECT phone
- HTTPS for Rap - fixes for nested absolute links
- Get handset information via HTTP(s) get
- Fail-over to secondary SBC (sip proxy)
- Register request with Authorization Digest: QOP = "auth-int" or "auth-init"
- Display handset during call transfer is very slow
- XHTML:
 - Incoming invite with auto-answer is not possible
 - Service doesn't work when credentials are empty
 - "&" Sign gives error message
- Syslog
 - Add information if setting is changed
 - Add LDAP information
- No CLIP update
- LDAP detail view doesn't work on some entries
- Auto-provisioning
 - Parameter "Provisioning.global.Period" should work without restart
 - Default ringtone can be changed via provisioning
 - Provisioning started via web-interface showed failed message but worked fine
- Maximum length of REFER-TO header increased
- Access code From incoming calls and from network together with Area code is not working
- DTMF: No CRLF after the "Duration" line

Software 2.23.0, September 2019

Bug-fixes and improvements:

- 3 party conference
- [DE-REGISTER SIP account when handset is switched of or out of range](#)
- DHCP option 66 (HTTP(s) provisioning URL)
- DECT sync levels increased from 10 to 15
- DHCP option 51 and 125
- Auto-provisioning:
 - Parameters without IPUI, like: `<param name="SipAccount.AuthName" value="" />` are ignored to speed-up provisioning when sending full provisioning templates with many empty handsets
 - UpdateDectManager procedure can cause that DECT manager can't connect to Integrator
 - Error message should not be shown due to errors in wrong configured parameters as other parameters are accepted
 - Direct link to provisioning file with extension.cfg via redirect is now possible
 - User-agent in HTTP get contains information about Maximum number of handsets allowed
 - **Status-page:** Direct links to the configuration pages
- **Mobile devices - administration:** New icon in **DECT** column **Registered**  when handset is switched off or out of range (signalling out of range can take up to 3 hours)
- After changing number of active base stations, Web-interface returns to base station synchronisation list
- TCP/TLS port SIP destination port 10060 not working.
- Broadsoft
 - Improvement for DND, Call Forward Always, Busy and no Answer
 - Call Forward is splitted from one handset menu to 3 menu items
 - XSI phonebook, reverse lookup is now done based on the exact number
- Central phonebook
 - Special characters not displayed correct
 - URL length increased to 254 characters
- 3CX
 - Call transfer improvement.
 - CNIP update improvement.
- LDAP(S) improvements
- Improved overview if the DECT registration window is open or close
- DNS failover improvement
- Add factory reset option / role change when device is Manager + Base
- N670 can be added to the Virtual Integrator
- LDAP/XML/XSI phonebooks can be used during call transfer
- Anonymous calls are not saved in Call Lists
- NTP too low threshold for Root Dispersion.
- xHTML "&" sign should not generate error
- Reboot when ringing HS is switches off
- uaCSTA, SnapshotDeviceResponse answer is wrong
- Switching from SRTP to RTP during 1 call
- MWI counter update improvement
- Crashed, when sip-user-id is longer that 19 characters (or uninitialised)
- First improvements to support NAPTR is implemented. (Official supported in Next release)

Software 2.20, July 2019

Bug-fixes and improvements:

- SIP options in SIP register header
- Ghost handsets show display message to "Reset or to Register"
- Updated German translations
- Improvements for large systems
- Improvements for LAN sync

Software 2.17, June 2019

Bug-fixes and improvements:

- Use Phonebook key to assign to xHTML service
- [Phonebook lookup caching time](#)
- Performance enhancements for high load and large systems
- Firmware update via HTTPS using client certificates
- LAN synchronisation to better deal with weak jitter
- Security improvement
- LDAP username does not allow "=" character
- Call logs that have "-" character inside the CLIP

Software 2.16.2, April 2019

Bug-fixes and improvements:

- Status page, DECT base if it has "No sync" status will be visible.
- [N870 new role, Integrator only](#). With one external DECT manager.
- Firmware update using HTTPS client certificates.
- [Auto provisioning using fixed numbering](#).
- [Central phonebook](#)
- Added new PKI Root Certificates
- Handset export/import improvement.
- SIP control termination fixed.
- Provisioning: IPUI using capital letters.
- Add time stamp to Incident.tar file.
- CNIP string should utilize all available space on the display.
- LDAP improvements.
- Provisioning Improvements
- Stability improvements
- User-agent for software download matches the SIP user-agent