Release notes N870/N670

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

Software 2.33 June 2020

- 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'

Software 2.29.1, March 2020

- 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

Software 2.26.0, December 2019

- 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^e 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