

Release notes N610/N670/N870/N870E

Software 2.57 - January 2024		N610	N670	N870	Integrator
New hardware support		Yes	Yes	Yes	-
Automatic online firmware update via web-interface with link to release notes		Yes	Yes	Yes	-
R700H protect support		Yes	Yes	Yes	Yes
Length of internal numbers when using access and area codes		Yes	Yes	Yes	Yes
DNS SRV: Failover/Fallback improvements		Yes	Yes	Yes	Yes
Upgrade open SSL from version 1.1.1 to version 3.0		Yes	Yes	Yes	Yes
EPOS/Sennheiser GAP Headsets do not honor Basic-Service=Basic-Speech, after register this DECT headset direct to our DECT system, there is no audio		Yes	Yes	Yes	Yes
Syslog and user change time stamp should contain year by default		Yes	Yes	Yes	Yes
After DECT system software update, refresh the Handset DECT (PNCAP) functionality		Yes	Yes	Yes	Yes
GAP handset support via setting is not valid anymore, GAP handsets are supported by default		Yes	Yes	Yes	Yes
Multiple PBX Redundancy by Moved permanently or temporarily		Yes	Yes	Yes	Yes
	Network access closed when not used (Security improvement)	Yes	Yes	Yes	Yes
	Refresh now button in web interface	Yes	Yes	Yes	Yes
	Add "search anywhere in name" option in web interface	Yes	Yes	Yes	Yes
	Show reason why Upload license file failed	Yes	Yes	Yes	Yes
	Base station export drop-down box supports: XML/CSV	Yes	Yes	Yes	Yes
	CNIPoverLookup enable/disable	Yes	Yes	Yes	Yes
For improved interoperability and robustness, ptp operation of V2.57.0 is back to two-step clock synchronisation.		-	Yes	Yes	Yes
Webgui is unusable after "wrong password" in SIP account		Yes	Yes	Yes	Yes
Autolookup in Broadsoft XSI phonebooks: Number is not replaced with the contact name		Yes	Yes	Yes	Yes
Broadsoft N-Way conference: Adding conference participants is not possible when access code is used		Yes	Yes	Yes	Yes
SIP registration improvements		Yes	Yes	Yes	Yes
Access code "0" / "Always", redial is not working correctly		Yes	Yes	Yes	Yes
After a time all handsets reply with "Busy Here" to incoming calls		Yes	Yes	Yes	Yes
CLIP/COLP option does not show numbers starting with +		Yes	Yes	Yes	Yes
Download of DECT measurements files via the web-interface		Yes	Yes	Yes	Yes
First implementation of Virtual Integrator Hyper-V support, contact your Gigaset technical sales if you want to use this		-	Yes	Yes	Yes
LDAP Filter improvement		Yes	Yes	Yes	Yes
Default production certificate expired		Yes	Yes	Yes	Yes
DNS-SRV failover/fallback improvements		Yes	Yes	Yes	Yes
CNIPoverLookup improvement, do lookup if CNIP contains number only		Yes	Yes	Yes	Yes
If handset import has an error, it should be more descriptive		Yes	Yes	Yes	Yes
Polish language update		Yes	Yes	Yes	Yes
Sporadic calls are not delivered to the handset		Yes	Yes	Yes	Yes
Inband DTMF over G722 doesn't work		Yes	Yes	Yes	Yes
Process terminated when dialed the code for call forwarding		Yes	Yes	Yes	Yes
No ringback tone in case of internal call originated from CTI		Yes	Yes	Yes	Yes
DECT security step B		Yes	Yes	Yes	Yes
New DECT measurement procedure		Yes	Yes	Yes	Yes
R700H SPK PRO handset (Calibrated R700H PRO) is supported		Yes	Yes	Yes	Yes
DNS-SRV failover/fallback improvements		Yes	Yes	Yes	Yes
Provisioning		Yes	Yes	Yes	Yes
	Web-interface: Show warning when errors in provisioning file	Yes	Yes	Yes	Yes

	Http digest username and password via redirect server	Yes	Yes	Yes	Yes
AML / MQTT		-	Yes	Yes	Yes
	Make error handling more descriptive for AML Message	-	Yes	Yes	Yes
	Notify server that the handset is in/out of charger	-	Yes	Yes	Yes
Web-interface		Yes	Yes	Yes	Yes
	Support for Polish language	Yes	Yes	Yes	Yes
	UDP NAT refresh timer	Yes	Yes	Yes	Yes
New access code option "Manual dialing"		Yes	Yes	Yes	Yes
Microsoft Teams: Start provisioning via web-interface		Yes	Yes	Yes	Yes
Configure Registration Window DM specific		-	-	Yes	Yes
Diversion header in SIP INVITE is supported		Yes	Yes	Yes	Yes
Security: Mediasec improvement		Yes	Yes	Yes	Yes
Openstage M3 handset can not start an Alarm call		Yes	Yes	Yes	Yes
Provisioning: set_hs_aml not working with capital letters		Yes	Yes	Yes	Yes
DM Call limit problem		-	-	Yes	Yes
If display name of the caller contains the char “ and <, they are not displayed on receiver device		Yes	Yes	Yes	Yes
Autolookup in XSI phonebooks is not working properly when caller ID source is PAI		Yes	Yes	Yes	Yes
Continued audio after hang-up for some time		Yes	Yes	Yes	Yes
SRTP Audio stops after 15min		Yes	Yes	Yes	Yes
Access code: Internal/emergency numbers handling		Yes	Yes	Yes	Yes
Delay firmware upgrade/downgrade if there is an active call		Yes	Yes	Yes	Yes
DECT manager redundancy		-	-	Yes	Yes
Microsoft Teams supported		Yes	Yes	Yes	Yes
Broadsoft N-way conference		Yes	Yes	Yes	Yes
Licence can be updated via online process		-	Yes	Yes	Yes
	Nx70 online access to license server	-	Yes	Yes	Yes
	Automatic licence update every 24 hours	-	Yes	Yes	Yes
	Show date/time of last connection to license server	-	Yes	Yes	Yes
	Licence Refresh button	-	Yes	Yes	Yes
Licence:		-	-	Yes	Yes
	'Please activate licence' after restore settings with an active licence to another VI	-	-	Yes	Yes
	Failover Period Active is shown in web-interface	-	-	Yes	Yes
Alarming, Messaging and Location		-	Yes	Yes	Yes
	Messaging and/or Location license can be activated/deactivated via the web-interface	-	Yes	Yes	Yes
	Messaging and/or location license is visual in the handset overview via an icon	-	Yes	Yes	Yes
	BLE via MQTT within 20 seconds sends cached values	-	Yes	Yes	Yes
	timeout in aml message status fullview_by_user_interact	-	Yes	Yes	Yes
	Notification about DECT base and DECT manager status	-	Yes	Yes	Yes
Extend CLIP/COLP possibilities with PAI(tel)		Yes	Yes	Yes	Yes
	FROM	Yes	Yes	Yes	Yes
	PPI + FROM	Yes	Yes	Yes	Yes
	PAI(sip)+ PPI + FROM	Yes	Yes	Yes	Yes
	PAI(tel) + PPI + FROM	Yes	Yes	Yes	Yes
	PAI(tel) + FROM + PAI(sip)	Yes	Yes	Yes	Yes
Syslog: TLS protocol can be configured via web-interface and not only via auto-provisioning		Yes	Yes	Yes	Yes
DECT registration window		Yes	Yes	Yes	Yes

Close the DECT registration window on all DMs, if not handset open "to-register". Application Note: If you want to keep registration window open for bulk re-registration, create an additional dummy handset open in "to-register", that will not re-register!	Yes	Yes	Yes	Yes
Support: log information about changes made by de user/provisioning in the one-button diagnostic file	Yes	Yes	Yes	Yes
Consultation-Softkey (to put call on hold and start consultation call) should not disappear in passive hold	Yes	Yes	Yes	Yes
Central Phonebook	Yes	Yes	Yes	Yes
Do not show empty entries	Yes	Yes	Yes	Yes
Download via https	Yes	Yes	Yes	Yes
Security: Disable unsecure TLS1.1	Yes	Yes	Yes	Yes
CNIP with special characters is displayed incorrectly on consultation call display	Yes	Yes	Yes	Yes
Provisioning:	Yes	Yes	Yes	Yes
Templates with more handsets then supported should not give error	Yes	Yes	Yes	Yes
Encrypted provisioning file support	Yes	Yes	Yes	Yes
Web-interface: Status of last Automatic backup	Yes	Yes	Yes	Yes
CCBS - Ringback via 486 Busy like in N720	Yes	Yes	Yes	Yes
SIP re-registration expected at ..% of expire timer	Yes	Yes	Yes	Yes
Reboot via SIP NOTIFY Event: check-sync;reboot=true	Yes	Yes	Yes	Yes
Option for priority of SIP name over net/central-dir-autolookup	Yes	Yes	Yes	Yes
***922 test tone gone after handover	-	Yes	Yes	Yes
CCBS and CCNR should by config-option be made available for SIP servers indicating ccbs/ccnr support by different measures	Yes	Yes	Yes	Yes
TTL time can be adjusted to 128	Yes	Yes	Yes	Yes
Send DTMF tone during call waiting signaling	Yes	Yes	Yes	Yes
Name in XSI phonebook is not displayed properly in incoming calls	Yes	Yes	Yes	Yes
SIP account does not register after employee change	Yes	Yes	Yes	Yes
N870 behind IBERNEX "nurse call" system - CLIP/CNIP is not displayed in incoming calls, "External" instead	-	Yes	Yes	Yes
DNS SRV/A queries - TTL not applied	Yes	Yes	Yes	Yes
Busy display - removing useless softkey "Options" as it does nothing at "Busy" display	Yes	Yes	Yes	Yes
If Registrar/Proxy is given by FQDN, Failover-Server function does not work	Yes	Yes	Yes	Yes
Sporadic no audio when using TLS and SRTP in a multicell environment	-	Yes	Yes	Yes
LAN synchronisation: ptp reload and so asynchrony triggered by too sensitive check for DHCP changes	-	Yes	Yes	Yes
N670 auto-answer call info after=0, also if Call Manager set to NO!	Yes	Yes	Yes	Yes
RFC2833 DTMF doesn't work	Yes	Yes	Yes	Yes
After some weeks stop sip registration	Yes	Yes	Yes	Yes
Enabling/Disabling VLAN via provisioning makes the LAN interface go down	Yes	Yes	Yes	Yes
RPID info in UPDATE is not displayed on handset after attended transfer	Yes	Yes	Yes	Yes
INVITE with replaces header is not answered with 200OK	Yes	Yes	Yes	Yes
LDAP	Yes	Yes	Yes	Yes
LDAP client is not able to properly close the session when there are some errors during parsing of the LDAP filters configured for LDAP requests	Yes	Yes	Yes	Yes
Validate syntax for filters	Yes	Yes	Yes	Yes
Access code dialing not for short (internal) numbers with exception of emergency numbers	-	Yes	Yes	
Show in syslog when license is applied for wrong master DM	-	-	Yes	
Device doesn't send REGISTER after provisioning when TCP is used	-	Yes	Yes	
Unexpected change of license status from "License activated" to "Failover period active" after changing SIP provider settings and reboot.	-	Yes	Yes	
Add new MQTT connection Method	-	Yes	Yes	
Introduce sip.instance and reg-id according to rfc5626	-	Yes	Yes	
Broadsoft XSI phonebooks, lookup in multiple XSI phonebooks :	-	Yes	Yes	

Update PJSIP library to version 2.11.1	-	Yes	Yes	
Messaging:	-	Yes	Yes	
Improve performance of deleting messages in msg-service via delMsg procedure	-	Yes	Yes	
Blue color AML texts and icons support	-	Yes	Yes	
TLS 1.3 support	-	Yes	Yes	
Warn about SIP messages too long for UDP transport	-	Yes	Yes	
Show longer internal names on R700H / S700H / SL800H handsets	-	Yes	Yes	
Create web page for automatic backup	-	Yes	Yes	
Fallback from failover honoring a penalty time	-	Yes	Yes	
AML inventory/status report: base stations and DECT managers - connectivity and synchronization	-	Yes	Yes	
Show in the UI and Logs reason for not registering SIP	-	Yes	Yes	
Loses the SIP registration until the next restart	-	Yes	Yes	
Some mobile devices are no longer registered after a network down	-	Yes	Yes	
Registration after receive 503 with Retry-After	-	Yes	Yes	
N870 with V2.44 - VI licenses no longer work	-	Yes	Yes	
Minor memory leak when performing LDAP tests	-	Yes	Yes	
Failed registration retry timer not respected due to SIP registration monitoring	-	Yes	Yes	
MWI after "Call completed elsewhere"	-	Yes	Yes	
Phonebook Italian translation for "Refine"	-	Yes	Yes	
DTMF not work if 103 telephone-event/48000 is send in "INVITE"	-	Yes	Yes	
Sporadically restart	-	Yes	Yes	
Trying and Ringing send with codec mismatch	-	Yes	Yes	
License:	-	Yes	Yes	
Missing MAC address of Master DM in MAC-ID and not possible to upload license file for Master DM	-	-	Yes	
Invalid license status: Activation Period -1 d for some variants	-	-	Yes	
Messaging:	-	Yes	Yes	
Second paragraph in message is not displayed in detailed view	-	Yes	Yes	
Title not displaying in detailed view	-	Yes	Yes	
LDAP	-	Yes	Yes	
Incorrect search request and sporadic giga-ip-bs crash during specific LDAP search	-	Yes	Yes	
<ul style="list-style-type: none"> Heal TLS LDAP session pending too long 	-	Yes	Yes	
Automatic back-up to an SFTP server	-	Yes	Yes	
AML	-	Yes	Yes	
Per default one Messaging and Location License is enabled	-	Yes	Yes	
Show AML licenses on License page	-	Yes	Yes	
Message Melody Names are still missing translation in handset UI	-	Yes	Yes	
Application server, secure connection using certificates	-	Yes	Yes	
User settings like silencing can be overruled via MQTT	-	Yes	Yes	
Vibration can be activated via MQTT	-	Yes	Yes	
Message ringtone volume can be set via MQTT	-	Yes	Yes	
Text with line break can be send	-	Yes	Yes	
Option to allow user to delete the message can be set to yes or no via MQTT	-	Yes	Yes	
Reply options changed from 3 to 10	-	Yes	Yes	
Auto-provisioning: Set TTL value for IPv4 for INT-DM roles	-	Yes	Yes	
Auto-provisioning: NTP server via DHCP option 42	-	Yes	Yes	
Auto-provisioning: DNS option 6 DNS server	-	Yes	Yes	

Central phonebook:	-	Yes	Yes	
Search anywhere in name can be configured	-	Yes	Yes	
Sort on first name / last name or Last name / first name	-	Yes	Yes	
The handset can not connect for a short period, show "No base"	-	Yes	Yes	
Web UI: DECT Settings - add DECT radio band selection for SEA/Taiwan	-	Yes	Yes	
SUOTA pull	-	Yes	Yes	
Download of FW file is not possible if the MAC is checked	-	Yes	Yes	
Disable central phonebook for large installations	-	-	Yes	
License: Web-interface: Remove " Create Request File "	-	Yes	Yes	
Fix registration problems with >1 Contact headers	-	Yes	Yes	
Add support for SIP-OPTIONS sent during INVITE dialog	-	Yes	Yes	
ptime value is not sent in outgoing calls	-	Yes	Yes	
System restarts, sporadic giga-ip-bs termination	-	Yes	Yes	
DECT system loses registration on PBX after approx. 3 months	-	Yes	Yes	
Sporadically restart	-	Yes	Yes	
LDAP improvements	-	Yes	Yes	
In dialog Re-Invite is not answered with all codecs in SDP	-	Yes	Yes	
Calls can't be set up from time to time (603 decline)	-	Yes	Yes	
uaCSTA Registration refresh timer	-	Yes	Yes	
uaCSTA Clear Connection in calling state	-	Yes	Yes	
uaCSTA incoming call ringing end call by caller	-	Yes	Yes	
XML phonebook: HS displays "empty line"	-	Yes	Yes	
Alarming, messaging and location	-	Yes	Yes	
SIP messaging	-	Yes	Yes	
Messaging and location license	-	Yes	Yes	
NAT refresh timer	-	Yes	Yes	
TLS 1.3 first implementation for provisioning / LDAPS / MQTT	-	Yes	Yes	
Central phonebook search anywhere in name via provisioning " CentralBook.0.SearchAnywhereInName "	-	Yes	Yes	
Russian/Dutch translations	-	Yes	Yes	
Provide feedback when DM statistics are not available	-	Yes	Yes	
DST Root CA X3 certificate expires in less than 180 days (2021-09-30)	-	Yes	Yes	
Improve syslog to show why license was rejected	-	Yes	Yes	
Re-invite is not answered with all codecs in SDP	-	Yes	Yes	
Statistics not retrieved - Operation Failed and other WEB UI pages not shown	-	Yes	Yes	
Provisioning using "@" sign blocks adding DECT base "System limit has been exceeded."	-	Yes	Yes	
Splash ring: wrong soft keys are shown after answer the call	-	Yes	Yes	
Web-interface, system is shown as "small" instead of "medium"	-	Yes	Yes	
Incorrect display in the statistics"Operation failed"	-	Yes	Yes	
Statistics Reset all doesn't include LAN counters	-	Yes	Yes	
After update with expansion to 20 providers, 1 missing 19 shown.	-	Yes	Yes	
System reboots when trying to access LDAP contacts	-	Yes	Yes	
Crash after incoming calls from certain mobile phone provider	-	Yes	Yes	
Dropped calls giga-ip-bs terminated	-	Yes	Yes	
Base Restarts when wants to hear VoiceMail	-	Yes	Yes	
Performance problem with BS synchronisation page	-	Yes	Yes	
DECT not responsive after Network voice mail pressed simultaneously from 2 DECT devices	-	Yes	Yes	
Implementation of ' mediasec ' support	-	Yes	Yes	

Provisioning of network settings	-	Yes	Yes	
gigaset-config.com is supported	-	Yes	Yes	
uaCSTA improvements	-	Yes	Yes	
Tone scheme "Greece" can be selected	-	Yes	Yes	
Delete handset does not work when capital letters are used for IPUi	-	Yes	Yes	
Use xHTML phonebook for call transfer > works not with the prov xHTML phonebook Key	-	Yes	Yes	
Blind-transfer can be disabled	-	Yes	Yes	
Change system from Small to Medium then error message is shown	-	Yes	Yes	
Firmware update via 2-way SSL fails	-	Yes	Yes	
Wrong MWI indication caused by platform NOTIFY broadcasts	-	Yes	Yes	
CNIP with special characters doesn't display correctly	-	Yes	Yes	
Outgoing call with letters in SIP from user part is not stored	-	Yes	Yes	
CNIP is not displayed on HS if it contains "@" character	-	Yes	Yes	
XSI phonebook list 211 "Too many entries found" but works	-	Yes	Yes	
Empty header for entry view in Personal and Group Common directories	-	Yes	Yes	
Incoming call with letters in SIP From user part is not stored with URI to call back	-	Yes	Yes	
When SRTP used, after 90 days no audio	-	Yes	Yes	
XSI phonebook, can not answer call due to bad/slow network connection	-	Yes	Yes	
SIP account for provisioning	-	-	Yes	
LAN statistics DECT base via new DECT base web-interface	-	Yes	Yes	
Increase number of SIP providers from 10 to 20	-	Yes	Yes	
Auto-provisioning: Improve delete handsets	-	Yes	Yes	
Update PJSIP library to version 2.10	-	Yes	Yes	
CLI-config: system applications / services should consume DHCP options only if requested	-	Yes	Yes	
XML number filter visible in web-interface by default	-	Yes	Yes	
uaCSTA normalClearing not send when other side disconnects call	-	Yes	Yes	
Enable hiding passwords for SIP all Accounts	-	Yes	Yes	
Feature key synchronization can also be used by non Broadsoft platforms	-	Yes	Yes	
No name displayed when number is anonymous	-	Yes	Yes	
Turn LED signalling on/off via the web-interface	-	Yes	Yes	
Add popup to reboot system after importing DECT handsets	-	Yes	Yes	
Make syslog easily configurable	-	Yes	Yes	
Web UI - Licensing - Activation period status message	-	Yes	Yes	
Dm ID can be set via provisioning	-	-	Yes	
PJSIP stops sending REGISTER by TCP after reboot of PBX	-	Yes	Yes	
sip-control terminated.	-	Yes	Yes	
Switch from UDP to TCP and back then no SIP registration anymore	-	Yes	Yes	
Network name replacement does not work in Jumbo mode	-	Yes	Yes	
Lack of syslog info about mobile device import fail	-	Yes	Yes	
LDAP stops working	-	Yes	Yes	
Reset of VI with keep IP option resets to dynamic IP instead	-	-	Yes	
No information about anonymous call is displayed in jumbo mode	-	Yes	Yes	
SIP re-register stops when platform is unavailable "Not enough memory" message is seen	-	Yes	Yes	
Graphical tool does not show signal info to base station with equal or higher sync level	-	Yes	Yes	
Capacity of DM's is not summarized correctly by web-ui	-	Yes	Yes	
No LAN synchronization possible for medium deployment if DM is LAN Master	-	-	Yes	
[Online directories][XML] Escaped characters and numeric character entities are not recognized	-	Yes	Yes	

Install DECT base in different subnet	-	Yes	Yes	
Virtual Integrator : Licensing of up to 100 N870 and 300 Single Cell DM's (N670) is possible	-	-	Yes	
Embedded Integrator : Licensing of up to 4 N870 and 20 Single Cell DM's (N670) is possible	-	-	Yes	
N870 up to 10 base-stations (Small), number of maximum parallel calls increased from 10 20	-	-	Yes	
Web-interface HTTP access is disabled, redirected to HTTPS only	-	Yes	Yes	
Role change via hardware key is made more simple including LED signaling	-	Yes	Yes	
Show in web-interface if DECT base firmware update is running	-	Yes	Yes	
One button Diagnostics download	-	Yes	Yes	
WebUI becomes inaccessible (No connections..., please wait...) when enabling TLS	-	Yes	Yes	
T1 timer minimum value increased to 100 ms	-	Yes	Yes	
Provisioning	-	Yes	Yes	
Sending Empty or wrong value DECT Radio band caused DECT radio to be disabled	-	Yes	Yes	
Improve auto provisioning speed from 63 seconds to 13 seconds	-	Yes	Yes	
Provision certificates and device settings in one provisioning job	-	Yes	Yes	
Hide web-pages	-	Yes	Yes	
Time span when the device checks for provisioning updates needs to be configurable	-	Yes	Yes	
Client certificate not added in case of 2-way SSL.	-	Yes	Yes	
XML online directory - Results not visualized in case of more than 99 entries	-	Yes	Yes	
N670/N870 Central Phone-book: Not able to search for special characters	-	Yes	Yes	
xHTML	-	Yes	Yes	
use xHTML phone-book for call transfer	-	Yes	Yes	
Password is limited to 9 characters	-	Yes	Yes	
Device does not send DHCP release when rebooting, can be enabled by CLI or variant.	-	Yes	Yes	
Central phone-book	-	Yes	Yes	
Delete via web-interface is now possible.	-	Yes	Yes	
When first line is empty, phone-book does not work	-	Yes	Yes	
One user-agent behind integrator	-	-	Yes	
Web-interface:	-	Yes	Yes	
Removed not functional phone systems	-	Yes	Yes	
Hide web-pages	-	Yes	Yes	
SIP control terminated fixed	-	Yes	Yes	
NOTIFY with a tag in header "To" causes "500 Unhandled by dialog usages"	-	Yes	Yes	
When '#' is added to numbers it is displayed on HS as '%23'	-	Yes	Yes	
DECT base level 1 redundancy	-	Yes	Yes	
LAN sync statistics in base station statistics	-	Yes	Yes	
RTCP support	-	Yes	Yes	
SIP compact headers are supported	-	Yes	Yes	
For service fade-out option, Block new calls	-	Yes	Yes	
Web-interface is blocked for 10 minutes after 3 wrong login attempts	-	Yes	Yes	
Supported web-interface languages: English / German / French / Spanish / Dutch / Italian / Portuguese / Turkish / Russian / Czech / Polish / Slovenian / Greek	-	Yes	Yes	
N870 all-in-one with no extra DECT base can now handle 8 parallel calls instead of 5	-	Yes	Yes	
Improve SIP via TCP socket handling	-	Yes	Yes	
RTP-port range per DECT base changed from 400 240	-	Yes	Yes	
RTP-port range for 60 DECT base stations changed from 24000 14400	-	Yes	Yes	
Auto-provisioning:	-	Yes	Yes	
Add provisioning parameter: Maximum search results central phone-book	-	Yes	Yes	

No Error is displayed in web-interface when firmware update is empty or not needed	-	Yes	Yes
Outbound proxy with leading space not resolved by DNS	-	Yes	Yes
Improved performance adding handsets and SIP accounts	-	Yes	Yes
Zombie handsets: show now more customer friendly message: "Please register!"	-	Yes	Yes
No missed calls when call waiting is disabled	-	Yes	Yes
xHTML white-space trailing before "&" sign	-	Yes	Yes
Turkish characters not displayed correct at some DECT handsets	-	Yes	Yes
Cyrillic characters not displayed during Pickup notification	-	Yes	Yes
Access Code not applied in case of option - From network directory	-	Yes	Yes
Room monitor call not possible	-	Yes	Yes
Translation improvements	-	Yes	Yes
E.164 support	-	Yes	Yes
Failed registration retry timer is not respected when SIP proxy is set	-	Yes	Yes
Distinctive ring:	-	Yes	Yes
Empty header is supported	-	Yes	Yes
Re-register handsets to display all ringtones	-	Yes	Yes
Delete/change important settings, protected via username and password.	-	Yes	Yes
Delete one or more DECT handsets.	-	Yes	Yes
Admin password	-	Yes	Yes
User password	-	Yes	Yes
CLI password	-	Yes	Yes
Web security certificate	-	Yes	Yes
Reset device/role change	-	Yes	Yes
Supported Languages: German / English / Spanish / French / Italian / Russian / Turkish / Netherlands / Portuguese	-	Yes	Yes
Save of Central phone-book is now possible	-	Yes	Yes
Distinctive ringing for internal, external, door station, group, emergency or user defined call types	-	Yes	Yes
Add capacity information to http (GET) user-agent header	-	Yes	Yes
Large and XXL systems are now released	-	-	Yes
N870 in Integrator mode only:	-	-	Yes
Up to 4 DECT Managers (With license)	-	-	Yes
Up to 800 DECT handsets	-	-	Yes
N870 Virtual Integrator is released	-	-	Yes
Up to 100 DECT Managers (With license)	-	-	Yes
Up to 20000 DECT handsets	-	-	Yes
DECT GAP handsets protection can be disabled	-	Yes	Yes
Improved DECT handset registration, up to 10 registrations in parallel can be done.	-	Yes	Yes
NAPTR	-	Yes	Yes
CSTA	-	Yes	Yes
CSTA session already active	-	Yes	Yes
CSTA transport protocol can be changed via the web-interface	-	Yes	Yes
SnapshotDeviceResponse answer is wrong	-	Yes	Yes
Switch the transport protocol without an reboot	-	Yes	Yes
Device reboots when using uaCSTA and receiving 2e incoming call	-	Yes	Yes
CNIP not updated on Transferee after transfer	-	Yes	Yes
Central phone-book	-	Yes	Yes
Can be downloaded via the web-interface	-	Yes	Yes
INT key can be assigned to Central phone-book	-	Yes	Yes

After provisioning phone-book is automatically downloaded	-	Yes	Yes	
Web-interface:	-	Yes	Yes	
Show Licensing page when used as Integrator only	-	Yes	Yes	
Configure SIP registration behavior if mobile device is not connected/reachable	-	Yes	Yes	
Caller-Id not updated after call transfer at OpenScape Business	-	Yes	Yes	
Fix for CNIP with Cyrillic characters not displayed on DECT phone	-	Yes	Yes	
HTTPS for Rap - fixes for nested absolute links	-	Yes	Yes	
Get handset information via HTTP(s) get	-	Yes	Yes	
Fail-over to secondary SBC (sip proxy)	-	Yes	Yes	
Register request with Authorization Digest: QOP = "auth-int" or "auth-init"	-	Yes	Yes	
Display handset during call transfer is very slow	-	Yes	Yes	
xHTML	-	Yes	Yes	
Incoming invite with auto-answer is not possible	-	Yes	Yes	
Service doesn't work when credentials are empty	-	Yes	Yes	
"&" Sign gives error message	-	Yes	Yes	
Syslog	-	Yes	Yes	
Add information if setting is changed	-	Yes	Yes	
Add LDAP information	-	Yes	Yes	
No CLIP update	-	Yes	Yes	
LDAP detail view doesn't work on some entries	-	Yes	Yes	
Auto-provisioning	-	Yes	Yes	
Parameter "Provisioning.global.Period" should work without restart	-	Yes	Yes	
Default ringtone can be changed via provisioning	-	Yes	Yes	
Provisioning started via web-interface showed failed message but worked fine	-	Yes	Yes	
Maximum length of REFER-TO header increased	-	Yes	Yes	
Access code From incoming calls and from network together with Area code is not working	-	Yes	Yes	
DTMF: No CRLF after the "Duration" line	-	Yes	Yes	
3 party conference	-	Yes	Yes	
DE-REGISTER SIP account when handset is switched of or out of range	-	Yes	Yes	
DHCP option 66 (HTTP(s) provisioning URL)	-	Yes	Yes	
DECT sync levels increased from 10 to 15	-	Yes	Yes	
DHCP option 51 and 125	-	Yes	Yes	
Auto-provisioning:	-	Yes	Yes	
Parameters without IPUI, like: <code><param name="SipAccount..AuthName" value="" /></code> are ignored to speed-up provisioning when sending full provisioning templates with many empty handsets	-	Yes	Yes	
UpdateDectManager procedure can cause that DECT manager can't connect to Integrator	-	-	Yes	
Error message should not be shown due to errors in wrong configured parameters as other parameters are accepted	-	Yes	Yes	
Direct link to provisioning file with extension.cfg via redirect is now possible	-	Yes	Yes	
User-agent in HTTP get contains information about Maximum number of handsets allowed	-	Yes	Yes	
Status-page: Direct links to the configuration pages	-	Yes	Yes	
Mobile devices - administration: New icon in DECT column when handset is switched off or out of range (signalling out of range can take up to 3 hours)	-	Yes	Yes	
After changing number of active base stations, Web-interface returns to base station synchronisation list	-	Yes	Yes	
TCP/TLS port SIP destination port 10060 not working.	-	Yes	Yes	
Broadsoft	-	Yes	Yes	
Improvement for DND, Call Forward Always, Busy and no Answer	-	Yes	Yes	
Call Forward is splitted from one handset menu to 3 menu items	-	Yes	Yes	
XSI phonebook, reverse lookup is now done based on the exact number	-	Yes	Yes	

Central phonebook	-	Yes	Yes	
Special characters not displayed correct	-	Yes	Yes	
URL length increased to 254 characters	-	Yes	Yes	
3CX	-	Yes	Yes	
Call transfer improvement.	-	Yes	Yes	
CNIP update improvement.	-	Yes	Yes	
LDAP(S) improvements	-	Yes	Yes	
Improved overview if the DECT registration window is open or close	-	Yes	Yes	
DNS failover improvement	-	Yes	Yes	
Add factory reset option / role change when device is Manager + Base	-	Yes	Yes	
LDAP/XML/XSI phonebooks can be used during call transfer	-	Yes	Yes	
Anonymous calls are not saved in Call Lists	-	Yes	Yes	
NTP too low threshold for Root Dispersion.	-	Yes	Yes	
xHTML "&" sign should not generate error	-	Yes	Yes	
Reboot when ringing HS is switches off	-	Yes	Yes	
uaCSTA, SnapshotDeviceResponse answer is wrong	-	Yes	Yes	
Switching from SRTP to RTP during 1 call	-	Yes	Yes	
MWI counter update improvement	-	Yes	Yes	
Crashed, when sip-user-id is longer that 19 characters (or uninitialized)	-	Yes	Yes	
First improvements to support NAPTR is implemented. (Official supported in Next release)	-	Yes	Yes	
SIP options in SIP register header	-	Yes	Yes	
Ghost handsets show display message to "Reset or to Register"	-	Yes	Yes	
Updated German translations	-	Yes	Yes	
Improvements for large systems	-	-	Yes	
Improvements for LAN sync	-	Yes	Yes	
Use Phonebook key to assign to xHTML service	-	Yes	Yes	
Phonebook lookup caching time	-	Yes	Yes	
Performance enhancements for high load and large systems	-	-	Yes	
Firmware update via HTTPS using client certificates	-	Yes	Yes	
LAN synchronisation to better deal with weak jitter	-	Yes	Yes	
Security improvement	-	Yes	Yes	
LDAP username does not allow "=" character	-	Yes	Yes	
Call logs that have "-" character inside the CLIP	-	Yes	Yes	
Status page, DECT base if it has "No sync" status will be visible.	-	Yes	Yes	
N870 new role, Integrator only. With one external DECT manager.	-	-	Yes	
Firmware update using HTTPS client certificates.	-	Yes	Yes	
Auto provisioning using fixed numbering.	-	Yes	Yes	
Central phonebook	-	Yes	Yes	
Added new PKI Root Certificates	-	Yes	Yes	
Handset export/import improvement.	-	Yes	Yes	
SIP control termination fixed.	-	Yes	Yes	
Provisioning: IPUI using capital letters.	-	Yes	Yes	
Add time stamp to Incident.tar file.	-	Yes	Yes	
CNIP string should utilize all available space on the display.	-	Yes	Yes	
LDAP improvements.	-	Yes	Yes	
Provisioning Improvements	-	Yes	Yes	
Stability improvements	-	Yes	Yes	

User-agent for software download matches the SIP user-agent	-	Yes	Yes	
---	---	-----	-----	--