RTX

Release notes for GenSIP, version

BSV04.20B1/8630HS V04.20B1/8430 HSV04.20B1/8830 HSV04.20B1/8930V04.20B1

Release Information

Project..**:**	GenSIP
Milestone ....**:**	SW
Software Version ....**:**	BSV04.20B1/8630HS V04.20B1/8430
	HSV04.20B1/8830 HSV04.20B1/8930V4.20B1
Software Life Cycle Stage....................................**:**	Release Candidate (RC)
Release Date ....**:**	24 April 2018

RC software is the software delivered for e.g. product acceptance testing. It is the software that the project promotes as a candidate for the final software that fulfills the goals for this software product (for this feature revision of the product).

Contents

What's new

This release in includes new features and bug fixes. Changes in this release

Development

Notes and new:
- This release contains a GDPR feature pack. Updating to this release does <u>NOT</u> make you GDPR compliant, but gives you the tools to meet the new regulations.

Requests which are supported:
- 116848 uaCSTA support
- 164968 LDAP over SSL (for GDPR)
- 165319 SME VoIP handset login (for GDPR)

Bug Fixes:
- 177027 Ringback Tone in Ireland Country
- 173228 IEEE: Table of Multicell not available in IEEE mode.
- 171419 Paired call: Cannot claim call on hold
- 171290 Mix Beatus+Ben: Use G722,HS HO from Beatus to Ben, will no audio
- 170846 RTX8663 reboots when using LDAP
- 170772 Central Directory removed from all the handsets and isn't recovered
- 170550 Call: Auto call test among 2 PP makes RFP reset - error 1C
- 169497 Call: RFP reset after some hours of auto call test - error 5
- 168865 Configuring "Vlan priority" breaks communications in a multicell environment
- 168694 Call: Auto call test makes RFP reset - error 43
- 168380 Beatus base hangs in startup and the NVS/EEPROM gets overwritten.
- 167773 8930 equalizer functionalities improved
- 167607 Turn off the BS, 8930 headset no audio after roaming
- 164216 Messaging: Prompt "number of new messages: 0"
- 163372 Central dir.: No Central dir. icon after batt. re-connected.
- 156506 IEEE mode: RFP stuck for more than 2:30 hours
- 154782 When received message, HS sometimes will reset with error 59/51

Known Bugs:
- None

Outstanding issues
- None

Known limitations

System Maximum
- Maximum 8 simultaneous calls
- Maximum 49 or 126 or 253 slave bases can be registered to the master
- Maximum 30 handsets can be registered to one base
- Maximum 1000 handset can be registered to a system
- Maximum 24 slaves in a chain
- Maximum 8 simultaneous handovers
- Maximum number of RTP is 18 on one base
- Maximum 3 or 1 or 0 repeaters can be registered to one base
- Maximum 100 repeaters can be registered to a system
- Maximum 5 simultaneous calls on a repeater

Installation / Upgrading

Please use the firmware upgrade procedure described in the SME VoIP System Guide_SIP_V4.2_rtx.pdf.

Contact information

For further information and support contact: **kmr@rtx.dk**

Release History

Version BSV410B3/HS8630 V410B3/HS8430 V410B3/HS8830 V410B3/HS8930 V410B1

Development

Notes and new:
- Hotfix release base and handsets. No 8930 hotfix is released.
- Added handset keep alive status for messaging server interface

Requests which are supported:
- None

Bug Fixes:
- Base:
- 172343 SRTP: DECT base crash
- 172665 Multi Cell: Missing the audio after upgrade to version V400B2 in case of using VLAN + DirectRTP
- Handset:
- 171577 Message: The HS store only a few text Messages
- 172787 HS:Only show name,not show the number of caller/callee

Known Bugs:
- Handset FWU can be disabled with "0" followed by save

Version BSV410B1/HS8630 V410B2/HS8430 V410B2/HS8830 V410B2/HS8930 V410B1

Development

Notes and new:
- Handset releases are branch 2.

Requests which are supported:
- RTX8930 license feature
- DECT tree algorithm improved
- RTX8830 BT stack upgraded to BT V4.1

Bug Fixes:
- Paired headset:
- 161686 Paired handset has SIP failed at extension page even handset works normal
- 166341 Paired headset: Rocket stuck after headset walk out of DECT range with 2 calls.
- 160018 Paired handset: Agfeo - Headset type not present at extension list.

- Other:
- 163714 Call: RFP reset with TCP Auto call test among 2 x PP - error 1a
- 165304 Beatus:Enabled Secure RTP,BS unexpected reboot with error 1a
- 166020 Call: RFP reset during call test - error 1C
- 158418 HS - Handset auto reboot after saved draft in Messaging (error 001A)

Known Bugs:
- Handset FWU can be disabled with "0" followed by save

Version BSV400B3/HS8630 V400B2/HS8430 V400B2/HS8830 V400B2/HS8930 V400B2

Development

Notes and new:
- Base release only

Requests which are supported:
- Feature redirect 302 implemented.

Bug Fixes:
- 165129 Paired headset: Rocket stuck after headset walk out of DECT range with 2 callsbugfix
- 163837 8930g: Press Headset off/on hook button will end the 1st call instead of the 2nd call

Known Bugs:
- Handset FWU: Handset FWU of many devices in area with many active handsets can interfere with normal call activities
- Handset FWU can be disabled with "0" followed by save

Version BSV400B2/HS8630 V400B2/HS8430 V400B2/HS8830 V400B2/HS8930 V400B2

Development

Notes and new:
- Enable all customers for headset 8930 support.
- Repeater V39 do not support 8930 Paired Headset feature
- New web page "diagnostic" for performance logging

Requests which are supported:
- None

Bug Fixes:
- 161832 HS:When callee reject,the calls log of callee is incorrect
- 161831 HS:Miss call prompt not work fine
- Paired headset/handset bugfix

Known Bugs:
- Handset FWU: Handset FWU of many devices in area with many active handsets can interfere with normal call activities
- Handset FWU can be disabled with "0" followed by save

Version BSV400B1/HS8630 V400B1/HS8430 V400B1/HS8830 V400B1/HS8930 V400B1

Development

Notes and new:
- Enable all customers for headset 8930 support.
- Repeater V39 do not support 8930 Paired Headset feature
- New web page "diagnostic" for performance logging

Requests which are supported:
- None

Bug Fixes:
- 157808 Re: SIP messages can cause a base crash
  - Fix of TCP issue solves this bug
- 158796 Raffle/Rocket reset: PP reset during idle - error 41
- 158447 8660 BS reboots when HS is registared
- 158181 SIP via UDP: Use Different SIP Ports does not work
- 159055 Call: Raffle cannot be call - Call Outgoing Rejected (Cause#503)
- 154606 Contact scrolls to the next page, search the member of previous page incorrect
- 154216 Select the symbol in Contacts,no respond after press the OK key
- 151253 Beatus: Runtime error dumped in syslog at every single call release
- 148236 Language - Now it says Slovinsky, it should be Slovenski.
- 147794 Call forward: Enabled type / number not displayed on MMI
- 147764 Handover must be be able to succeed without incoming RTP packets
- 147607 Local Phonebook: Alphabetical sorting / searching not avail.
- 147193 Statistics counters in single cell are all zero
- 127596 Handling of Russian characters sorting in phonebook improved
- 97594 Beatus: Several PP in permanent Alerting or Connected when Group call answered.
- 81980 Conference: G722 and G711. Audio lost when participant holds call
- 67817 Beatus: Combination of Use One TCP connection pr Extension and Outbound Proxy fails
- 23643 HO: Handset cannot make HO when being on-hold w. g.729

Alarm/msg specific bugfix:
- 156305 can only confirm last 10 alarms
- 156290 Alarm full is not shown
- 149828 multible delete from messages server does not work
- 147546 handle delete of messages from messages server
- 138829 Messaging: View of cleared message makes handset reboot

RTX8930 and paired headset specific bugfix:
- 8930 CTI bug fixes
  - 161003 hold - take over and loose the call
  - 160192 no CTI dial until base is reset by user
- 158117 Paired headset swap delay of 5 seconds
- 155757 8930G: Disable paired,register again, can not answer or reject incoming call
- 158701 When receiving incoming call to paired terminals one terminal does not ring
- 151510 8930G:When 2th call coming,end the 1th call,the soft key of HS(passive) is useless
- 149340 8930G：Collision-8930G claim the call during calling, HS still show calling after callee reject
- 143621 8930g: Receive incoming call at the same time automatically jump out of a misscall on Paired devices HS notification bar.

RTX9430 specific bug fix:
- 152626 Skywalker: No SIP reg. after Ethernet disconnect/connect
- 150583 Calls are not possible after several ethernet disconnect/connect
- 154451 Skywalker: Reset when Ethernet backbone disconnected in 120sec. - error 41

- 158197 SkyWalker: Using G729 very rare base can end in infinite loop – repower required

Known Bugs:
- Handset FWU: Handset FWU of many devices in area with many active handsets can interfere with normal call activities
- Handset FWU can be disabled with "0" followed by save

Version BSV380B12/HS8630 V380B12/HS8430 V380B12/HS8830 V380B12/HS8930 V384B4

Development

Notes and new:
- Headset 8930 support.

Requests which are supported:
- None

Bug Fixes:
- 157792 Headset reset with error 11 whenever a wideband call is terminated from far end
- 158702 When receiving incoming call to paired terminals one terminal does not ring
- 157314 Call: Raffle cannot be call - Call Outgoing Rejected (Cause#503)
- 156497 Paired Terminal. Audio fails if PBX sends re-Invite at the same time as Base
- 156406 Alarm full is not shown
- 158330 SIP via UDP: Use Different SIP Ports does not work

Known Bugs:
- Handset FWU: Handset FWU of many devices in area with many active handsets can interfere with normal call activities
- Handset FWU can be disabled with "0" followed by save

Version BSV380B10/HS8630 V380B10/HS8430 V380B10/HS8830 V380B10/HS8930 V384B1

Development

Notes and new:
- Enable all customers for headset 8930 support.

Requests which are supported:
- None

Bug Fixes:
- 152798 8930g: No Tx/Rx audio after call claimed in WB(codec G722) condition
- 154485 8930 Headset – microphone sound quality improved

Known Bugs:
- Handset FWU: Handset FWU of many devices in area with many active handsets can interfere with normal call activities
- Handset FWU can be disabled with "0" followed by save

Version BSV380B9/HS8630 V380B9/HS8430 V380B9/HS8830 V380B9/HS8930 V383B1

Development

Notes and new:
- Support of RTX8663 base
- Support of RTX8930 headset and Paired headset feature
- Security web: Improved certificate handling
- SIP log server address no longer exist – syslog server is used
- Network web: MDNS support = multicast DNS support
- Network web: Outbound proxy mode added. Default SIP request is send via outbound proxy
- Server web: Remote ring tone control
- Alarm: Multiple alarm reception is now possible
- Even more conservative tree update

Requests which are supported:
- None

Bug Fixes:
- Several base bugs and handset bugfix
- RTX9430 base – G.729 important bugfix – symptom is base can random crash

Known Bugs:
- Handset FWU: Handset FWU of many devices in area with many active handsets can interfere with normal call activities
- Handset FWU can be disabled with "0" followed by save

Version BSV355B25/HS8630 V355B25/HS8430 V355B25/HS8830 V355B25

Development

Notes and new:
- None.

Requests which are supported:
- None

Bug Fixes:
- 135145 HS:Power cycle HS, the Call Forward show "off"
- transfer).
- 95709 Raffle: approx. 30sec. before HO at busy RFP - bad audio in period.
- 136944 Skywalker: SIP TCP mode - RFP reset after some days - error 1a
- 137367 Base reset: IP renew
- 137529 Beatus: Crash in arp_resolve_timer
- 137530 Memleak in RTP stack
- 138230 HeapLeak in showing NodeImage (every time webpage is showed)

Known Bugs:
- Handset FWU: Handset FWU of many devices in area with many active handsets can interfere with normal call activities
- Handset FWU can be disabled with "0" followed by save

Appendix: RTX Standard Software Lifecycle Model

The software progresses through a series of life cycle stages as the software matures and quality is improved.

Development Stage

Releases made during the development stages are mainly for internal purposes only but can to some degree be shared with external development partners. Development software contains defects and has missing or broken features and possibly unresolved performance issues.

Alpha Stage

Alpha software is "Code Complete" thus all features are implemented for the planned feature release, integrated and functional. Alpha releases are the first releases made that enable measurement of overall product quality. Alpha software is verified against the product requirements with system testing. The alpha software contains defects but must at least live up to following conditions:

All planned features and functions are usable (no feature groups are blocked from testing)

Stability issues do not impact system testing significantly.

Beta Stage

Beta software is software that has been matured during alpha stage to a level where e.g. field testing is possible. I.e. the software is of a quality where unsupervised end-user trials can be made. System verification and defect fixing continues in the Beta stage but other trials can be commenced that verify other aspects of the product.

Release Candidate (RC)

RC software is the software delivered for e.g. product acceptance testing. It is the software that the project promotes as a candidate for the final software that fulfills the goals for this software product (for this feature revision of the product).

General Availability (GA)

RC software can be raised to General Availability (GA) software when the software has been approved by the customer.