

# Release Notes

## System Software 10.2.6.102

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### Content

Content .....	1
1 Release 10.2.6.102 .....	2
1.1 Changes .....	2
1.2 Error corrections .....	2
1.3 Known Limitations .....	3
2 Release 10.2.6.101 .....	3
2.1 Changes .....	3
2.2 Error corrections .....	3
3 Release 10.2.6.100 .....	4
3.1 New functions .....	4
3.1.1 Support for new products .....	4
3.1.2 PBX function keys of the IP phones with extended functionality .....	4
3.2 Changes .....	5
3.3 Error corrections .....	5

**Release Notes describe news and changes in a release for each of the devices for which the release is available. Therefore, they may contain information that is not relevant to your device. If necessary, refer to the data sheet of your device to find out which functions it supports.**

## 1 Release 10.2.6.102

### 1.1 Changes

- **GUI - IPsec Client:** The information text about the validity of the free IPsec Client-License has been adapted to the new period of 30 days.

### 1.2 Error corrections

- **Configuration - Export/Import Problem (#2081):** The use of quotation marks in the admin password led to problems after an export and a subsequent import of the configuration.
- **DTMF - Asymmetric settings (#2976, 2981):** If a call via the media gateway to an internal IP-PBX signaled the payload type (e.g.) 105 for "telephone-event", the media gateway responded with the payload type 101. The asymmetric negotiation could trigger the termination of the call on the part of the platform.
- **Telephony - SIP302 not activated (#2608):** For a Telekom - D-LAN SIP trunk SIP302 was not active by default.
- **IGMP - Interruption at Entertain (#2731):** Connections with comparatively low bandwidth (16 Mbit/s) could cause problems when using Entertain.
- **Telephony - No voice transmission (#2843):** It could happen that a call was successfully forwarded during call forwarding, but no voice transmission took place.
- **Telephone support (#3037):** During commissioning, Gigaset terminals are configured so that they automatically obtain and install their system software from the external update server when a new version is available.
- **GUI - Sorting incorrect (#2197):** The sorting of the entries for **Source** and **Destination** when configuring a firewall rule was not alphabetical.
- **PPPoE - Connection via fiber modem fails (#2840):** A fiber modem could not establish a PPPoE connection.
- **Telephony - One-way voice transmission (#2842):** In the case that the media gateway mediates between a SIP provider and an internal IP PBX (NetPhone / SWYX), problems occurred during codec negotiation which led to one-way voice transmission.
- **System - Unexpected Restart (#3072):** If a device was configured to restart whenever it had a newer configuration than the existing one loaded from a server, the device would restart even if there was no newer configuration on the server. This resulted in a reboot loop that had to be interrupted manually.
- **GUI - Unnecessary display of access points (#2861):** When an access point managed by the WLAN controller performs a neighborhood scan, it finds

itself. However, the corresponding display in the overview of neighboring access points on the WLAN controller was superfluous.

### 1.3 Known Limitations

- **DNS - DNS requests not transmitted (#552):** If the DNS servers for a network are configured manually and the assigned interfaces are set to *any* (default value) during configuration, requests to DNS servers with an IPv6 address are not forwarded. This causes a delay in DNS resolution until the request is finally sent to a server with an IPv4 address. This problem can be avoided by setting the interface of DNS servers with IPv6 addresses to the one through which the servers can actually be addressed.

## 2 Release 10.2.6.101

### 2.1 Changes

- System software version 10.2.6.101 releases a new version of the USB Content for download. We have made the following changes:
  - Inclusion of DECT150 devices (with current software: V. 247)
  - Removal of IP120
  - Software update for S530/S560 (V. 2.370 / V. 2.364).

### 2.2 Error corrections

- **IPSec – Error in Key ID handling (#2737, 2995):** If an IPSec Peer is created with a *Key ID* as **Peer ID**, the following error may occur due to an error in the storage of the *Key ID*:
  - A tunnel in the role of a responder can be set up even if the IDs of the initiator and the responder are not matching, provided that all other settings match.
  - As a result, a peer may be "occupied" by a connection for which it is not actually configured, and the actually assigned peer cannot establish a connection.

*Note on the iOS Client:*

*When configuring IPSec in iOS, you can choose between IKEv2 and IPSec.*

*For IKEv2 iOS uses IKEv2 and a FQDN as Peer ID, for IPSec IKEv1 and a Key ID. When configuring the peers on the gateway, make sure you make the appropriate setting. Otherwise the tunnel cannot be established.*

*Please note that the VPN Assistant always creates peers as IKEv1 peers for compatibility reasons!*

- **SIP – Connection aborted (#3036):** If there was no final response to a SIP Invite sent via TCP, it could happen that the corresponding TCP session was considered invalid and a new one was set up. The new session was accepted by the other side, but the SIP call was not successfully "moved" to the new session, so that the call was aborted.
- **Provisioning – Wrong time zone (#3095):** When automatically provisioning a DECT150, the time zone was incorrectly set to GMT-5. A manual correction was overwritten during the next provisioning.

## 3 Release 10.2.6.100

### 3.1 New functions

#### 3.1.1 Support for new products

Release **10.2.6.100** supports the provisioning of the new **IP640**. The configuration of the provisioning is analogous to other supported devices.

Moreover, the release is prepared for the support of the new **DECT210**:

When setting up a **DECT210**, you can assign a specific internal number to a connected handset based on its IPU (International Portable User Identity). The configuration is made in the menus for the configuration of the terminal in the Internal number section.

You can usually find the IPU on the nameplate or the packaging of the handset. Alternatively, you can display the IPU by dialing <MENU> \*#06# on the handset. The IPU is the first displayed number. Further information can be found in the manual of your terminal.

You can put your **DECT210** into registration mode using the GUI of, e.g., a **be.IP plus** by activating the option **Start Registration** in the menu **Terminals > elmeg System Phones > elmeg DECT > <your DECT210> > Settings**. The base station then allows the registration of handsets as described in the **DECT210** manual.

#### 3.1.2 PBX function keys of the IP phones with extended functionality

With Release **10.2.6.100**, devices of the **be.IP plus** and **be:IP plus** – world edition in PABX mode support additional function key features for **IP620/630/640**.

In order to make use of the new functions, it is required that the newest software version is installed on your telephones. The respective versions are:

- **IP620:** 3.13.10 (available soon)
- **IP630:** 3.13.10 (available soon)
- **IP640:** 3.13.9

You can find the software in the download area of your telephone at [www.bintec-elmeg.com](http://www.bintec-elmeg.com).

*To avoid inconsistent configurations, make sure to update the software of your telephones before configuring the new functions!*

To control the features, you can assign the following functions to the programmable function keys of a telephone via the system without using a macro as before:

- Login / Logout, Team
- call forwarding immediately (CFU)

- call forwarding on busy (CFB)
- call forwarding delayed (CFNR)
- Parallel calling
- Night Mode.

The advantage of the new procedure is that the states of the keys are now fully synchronized with the device, i. e., the state of the button can be read reliably from its LED. When using macros, a feature may be disabled by an action of the PBX (such as the calendar), but the LED on the phone will still show it as active.

Macros already set up are still working, but it is advisable to switch to the new key functions.

*If a corresponding telephone is connected to the system and you configure a function key on the system, a provisioning of the telephone is automatically initiated. The configuration created on the system is transferred to the telephone.*

## 3.2 Changes

- **Encryption methods adapted:** The available encryption methods were adapted according to the currently valid RFCs.
- **WLC - License - Possible AP number increased (RS series only):** For the WLAN controller, the maximum number of access points that the WLAN controller can manage has been increased from 12 to 48.
- **DHCP – Multiple DHCP server:** It is possible to configure multiple DHCP server instances for a single interface and to enable or disable these instances individually. In this way, IP address ranges can, e.g., be excluded or different sets of DHCP options transmitted to the clients.

## 3.3 Error corrections

- **Codec Issue #2653:** UPDATE requests from a mobile phone to your device may cause the codecs in the request and response to be mismatched.
- **MGW - Sporadic Panic (#2595):** Panics occasionally occurred in connection with a call.
- **Problems with analog ports (#2523):** It could happen that a/b ports did not work after some time.
- **Extended Default Route Issue (#2552):** When using a default extended route, issues occurred.
- **DS-Lite Configuration (#2554):** When configuring a DS-Lite connection and the option **Default Route** was not enabled from the beginning, it was not possible to enable it after saving the entry. A corresponding change to an existing entry had no effect.
- **BRRP - Incorrect VLAN ID (#1925):** In the menu **BRRP > Virtual Routers > New**, VLAN ID = 2 was erroneously used by default when creating a new virtual BRRP interface with **Interface Mode = Tagged (VLAN)**.
- **Telephony - sometimes no calls possible (#547):** With a SIP trunk of Deutsche Telekom it could - especially after unanswered calls - occur that all

B-channels were one by one falsely identified as "busy" and therefore no more telephony was possible.

- **Internet Assistant - VDSL Vodafone connection not configurable (#1512):** The Internet wizard did not allow you to configure a VDSL connection using the **Connection type** = *Internal VDSL modem* for the Internet service provider Vodafone.
- **System – Incorrect time stamps (#2241):** In pcap traces, the time stamps were incorrect.
- **System error messages were displayed (#1144):** Error messages of the type "WARNING: MIB: ipNatPrOper (224) has 1 (more) uncommitted rows (total now 1)" and "WARNING: MIB: !!!!! ancient uncommitted MIB entries exist - investigate !!!!! " that are irrelevant for operation were displayed.
- **Problems with call forwarding (#2510):** When using call groups and call chains, codec issues were encountered under certain circumstances and no communication was possible.
- **VoIP connection broke off (#2034):** In a team call with automatic call acceptance with MoH, it could happen that VoIP connections broke off.
- **Telephony - Announcement on IP620/IP630 (1970):** The function was accidentally unavailable.
- **WLAN error messages were displayed (#1493):** The irrelevant error messages "WLAN: xxxxxx: Unknown mime request" and „VOIP:IWU: data\_read(): socket=xx, error=?? errno 108" were displayed when a WiFi client associated itself.