# Release Notes latest firmware for Centro Business 2.0

Centro Business 2.0
Konfigurationsanleitung

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# Router Firmware 9.04.06 / B 13++ (November 2019)

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## ✓ Troubleshooting

- Incorrect DMZ routing has been fixed
- "No Audio- Participants don't Hear Each Other" Fixed SIP Calls Issue
- "No Audio Participants Don't Hear Each Other" Fixed Issue via DECT
- Improvement in multicast handling

## Resolved and known errors

| resolved = ✓ Known = ✗ | Known since the Firmware version |
|---|---|
| ✗ PPP passthrough mode supports a MTU of 1492 instead of 1500 | 8.06.08 |
| ✗ Various language translation errors in the GUI | 9.01.02 |
| ✗ Port forwarding is deleted after a WAN reset | 8.06.08 |
| ✗ Certain traffic from the DMZ to the LAN is not blocked | 9.02.12 |
| ✗ Selective restoring does not work properly | 8.06.08 |
| ✗ With the new firmware B13 the DECT driver is updated and delays the availability of the services by up to 20 minutes | 9.03.xx |
| ✗ **Known Limitation**<br>The restoration of the Centro Business 2.0 configuration (Backup & Restore), which was generated on an older firmware version, is not possible due to the fundamentally revised data model. It is recommended to create a backup file recurrently on an installation with new firmware. For further information on creating a backup, please refer to the help document. | 9.03.xx |

## Router Firmware 9.04.04 / B 13+ (August 2019)

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### Solved problems

- Sporadic Internet connection problems after firmware update on copper lines
- Sporadic disconnections from ongoing telephone calls (port change)
- Optimization of the telephone connection Establishment (Codec Handling)

## Router Firmware 9.04.02 / B 13 (July 2019)

### New functions

#### Support of the "Toolkit for Business" for "Business Internet Services wireless"

With the new firmware, the Centro Business 2.0 Router supports the "Toolkit for Business" for "Business Internet Services wireless". This service increases the mobility of your Internet access and enables business customers to ensure an improved bandwidth even in less developed areas. (via mobile network

#### Support of the "Toolkit for Business" as Internet failover

With the new firmware, the Centro Business 2.0 router supports not only the existing USB dongle but also the "Toolkit for Business" as a failover (4G)

#### Support of the DECT Gigaset Repeater HX

With the new firmware, Centro Business 2.0 supports the use of the DECT Gigaset Repeater HX, which will be available in the future. The new firmware supports up to two repeaters and max. 2 HD phones will be connected.

#### Modernization of VPN encryption

The potential Site to Site VPN connections have been redesigned to provide increased security by supporting the IKEv2 encryption methodology. (So far IKEv1)

#### Improved list of devices in the router portal

The device list overview in the router portal now offers more detailed information about the network. To the respective connected LAN device is declared via which Ethernet port (1-4) or which WLAN (2.4 / 5.0) it is connected. It also indicates the speed with which the device currently works with the Centro Business 2.0 (LAN). Ethernet becomes 10/100/1000Mb, with WLAN the current down- and up-link speed is displayed. To refresh the information, the page must be reloaded.

#### Identify IP conflicts in the router portal

The Centro Business 2.0 signals an IP conflict if IP address duplicates are detected in the network. A red warning appears on the overview page and the affected entries are displayed red in the device list. If an IP conflict is detected, please contact your network administrator.

#### Run local firmware update at night

In order not to interrupt a company's Internet access during office hours, for a manual firmware update, the router portal offers the option to automatically carry out the update the next night (2:00). In this guide we explain how to do the delayed firmware update. Attention! During an interim firmware update, a reboot or a reset of Centro Business 2.0, the pending firmware update will be deleted.

#### Configure smaller IPv4 subnets than / 24 in LAN

To gain more control over network size, new subnets can now be configured between "/ 8" (16mio IP addresses) to "/ 30" (2 IP addresses). Until now, the smallest option was "/ 24" (254 IP addresses).

## Legal functional adjustments

⇨ Further information

### Unencrypted WLAN is blocked

With the adjustments to the legislation of the Federal Office for Surveillance, Swisscom must ensure that unauthorized people are not allowed to misuse our customers' WLAN. The WLAN on the Centro Business 2.0 can no longer be broadcast unencrypted.

### Stricter WPA2 WLAN password requirements

The following requirements apply when defining a WLAN password: The password must be at least 10 characters long (16 characters or more are recommended) and must contain at least 1 character from the following character types:

| | |
|---|---|
| - lowercase | All lowercase letters; (a...z) |
| - capital letters | All capital letters; (A...Z) |
| - numbers | All numbers; (0 to 9) |
| - special characters | special characters; @ = + - " * / \ ( ) [ ] { } # % & ? ! € . : , ; $<br>exept < > and spaces |

The character _ (underscore/underscore) is also allowed, but is not assigned to any of the named character types.

Existing "weaker" passwords can still be used despite firmware update, but must meet the requirements with the next change in the router portal. We recommend that you do this proactively.

### Renaming the guest WLAN to "separated WLAN"

We call the guest WLAN "separated WLAN" new. By adapting the legislation of the Federal Office for Surveillance, Swisscom must ensure that unauthorized people cannot use our customers' Wi-Fi abusively. Swisscom recommends that all SME customers that their Wi-Fi signals or their passwords no longer be forwarded to unknown parties. Details on the adaptation of the law can be found in the WLAN leaflet of the "Postal and Telecommunications Traffic Monitoring Service".