funkwerk
enterprise communications

Read Me
System Software 7.8.7 PATCH 4

This version of our system software is available for the following gateways:

- **Wx002(n)**
- **WIx040(n)**
- **WIx065(n)**

The following changes have been made:

1.1 SIF - Existing Configuration noct Converted

(ID 11470)

When updating to system software version 7.8.2 or later, an existing SIF configuration was not properly converted. This led to errors with subsequent configuration of SID entries.

The problem has been solved.

1.2 FCI - No Switch for Scheduler

(ID 11434)

The FCI did not offer a switch to activate or deactivate the scheduler.

The problem has been solved.

1.3 Email Alert - Alert not Functional

(ID 11375)

Due to an error in the startup sequence a process required for Email Alert was terminated.

The problem has been solved.

1.4 Ethernet - MAC Address Ignored

(ID 11245)

If an Ethernet interface was changed from (DHCP" to "Manual", a possibly specified MAC address was ignored and the MAC address of the Ethernet chip was used instead.

The problem has been solved.

1.5 WLAN - Incorrect value can be chosen

(ID 11423)

When operating the radio module in bridge mode with 2.4 GHz indoor/outdoor, the "auto" could be selected as WLAN channel. This is not an allowed option.

The problem has been solved.

1.6 WLAN - WDS scan not possible

(ID 11621)

As long as the radio module had not finished initializing, there was no error message when a WDS scan was tried.

The problem has been solved.

1.7 WLAN - Erroneously removed option

(ID 11566)

The option of using 40 MHz bandwidth in the 5.8 GHz band had erroneously been removed.

The problem has been solved.

1.8 WLAN - Bridge link issues

(ID 11424)

Settings up a bridge link in 5 GHz mode with 40 Hz bandwidth could lead to unexpected and undesired results like broken links and low data transfer speed.

The problem has been solved.

1.9 WLAN - Channel selecton

(ID n/a)

If "auto" was chosen doe channel selection in a 5 GHz connection, a random channel for chosen for the radar scan as well as for afterwards usage.

This behavior has been changed so that now the band is first scanned, and the best free channel is used afterwards.

1.10 WLAN - WDS menu missing

(ID n/a)

In the 5 GHZ mode, the WDS menu was missing.

The problem has been solved.

1.11 WDS - AES and TKIP enabled

(ID n/a)

AES and TKIP encryption can now be activated for WDS links in access point mode.

1.12 FCI - Additionl Access Rule

(ID n/a)

When configuring the first Administrative Access rule. an additional rule is automatically created that ensures that no data traffic is involuntarily blocked.

1.13 PPP- Connection establishment

(ID 11303)

In rare cases, establishing a PPP connection failed, and the respective interface was blocked until it was manually reset or the device was rebooted.

The problem has been solved.

1.14 RADIUS - Attribute not handled

(ID 11479)

The RADIUS attribute 244 "BinTec-ipNatOutTable" was not handels by the RADIUS daemon.

The problem has been solved.

1.15 IPSec peers incorrect display

(ID 11637)

All IPSec peers were displayed, even those not configured manually, in the FCI menu VPN ‹ IPSec ‹ IPSec Peers.

The problem has been solved.

1.16 Firewall - QoS incorrect display

(ID 11863)

The assignment of filter rules to interfaces displayed in the FCI menu Firewall ‹ Policies ‹ QoS does not match the configured assignment.

The problem has been solved.

1.17 FCI - Enhanced WDS configuration

(ID 11622)

The configuratio of a WDS link has been structured more clearly and offers extended information.

1.18 FCI - XAUTH configuration redesigned

(ID 11988, 11989, 11990)

Configuration of XAUTH in the IPSec context has been streamlined for ease of use.

1.19 IPSec - Possible Problems with Phase 2 establishment

(ID 12163)

The creation of Phase 2 of an IPSec connection could run into problems due to source IP address selection.

The problem has been solved.

1.20 FCI - Wrong WDS Status Display

(ID 12176)

A normal WDS link (no WDS Bridge Link) was shown as inactive even if it was active and functional.

The problem has been solved.

1.21 FCI - Unnecessary Parameter Displayed

(ID 12237)

The value of the parameter "Max. link distance" was displayed for all WLAN interfaces even if it makes sense only fpr bridge Links.

The problem has been solved.

1.22 FCI - IPSec Peers not displayed

(ID 12213)

The FCI did not display IPSec peers that were defined through Traffic Lists, since these peers cannot be configured with the FCI. They should be displayed, though, even if as not editable.

The problem has been solved.

1.23 FCI - Corrupt Configuration

(ID 12251)

If there was not enough Flash memory available to store a configuration, the FCI did not display an error message. Moreover, the boot configuration could become corrupted.

The problem has been solved.

1.24 FCI - Entering addresses during Firewall Configuration

(ID 12269)

When entering addresses for firewall configuration, a netmask of 255.255.255.255 was sown for net addresses while no net mask was shwon for single or subnet addresses.

The problem has been solved.

1.25 WLAN - Memory leak with WPA Enterprise

(ID 11978)

WLAN connections that are secures by WPA Enterprise could lead to a memory leak and to data traffic being blocked.

The problem has been solved.

1.26 WLAN - Memory leak upon false authentication

(ID n/a)

If a client tried to authenticate at the device using an invalid preshared key, this could lead to a memory leak and to a stack trace.

The problem has been solved.

1.27 WLAN - Connection with WPA not possible

(ID 12254)

It could occur that a configuration requiring WPA encryption caused all clients to be blocked from connecting to the access point.

The problem has been solved.

1.28 WLAN - MIB entries not deleted

(ID n/a)

If an 802.11n configuration was created or changed, it could happen that system specific entries were deleted from the MIB, rendering the device non-functional.

The problem has been solved.

1.29 WLAN - WDS link not shown

(ID 12463)

The WDS link automatically created by the system was not shown in the FCI.

The problem has been solved.