

# Read Me

## System Software 7.4.3. PATCH 5

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

- R1200
- R1200w
- R3000
- R3000w.

It contains the following changes:

### 1.1 New Start Mode for IPSec

In order to have a tunnel activated immediately after booting the gateway, a new Parameter has been added to peer configuration. The menu **IPSEC → CONFIGURE PEERS → APPEND/EDIT → PEER SPECIFIC SETTINGS** allows choosing between **STARTS MODE Always Up** and **START MODE On demand**. If **START MODE Always Up** is selected, the gateway tries to activate the corresponding tunnel immediately after the boot process has been completed.

### 1.2 PPP - Connection Failed

(ID 6099)

Connections to remote side gateways that do not completely comply with the relevant RFCs failed because of incompatible IPCP behavior.

This problem has been solved.

### **1.3 IP - PPP Connection not Initiated**

**(ID 5522)**

When an ETHoA connection was supposed to trigger a PPP dialup connection, this did not work.

This problem has been solved.

### **1.4 IPSec - Tunnel Interruption with AES or 3DES**

**(ID 5427)**

Using AES or 3DES for data encryption in IPSec could lead to a locked-up tunnel with no data transfer being possible.

This problem has been solved.

### **1.5 PPP - Incomplete CLID Check**

**(ID 6528)**

Incomplete CLID checks could lead to calls being accepted even if the Calling Party Number was incorrect.

This problem has been solved.

### **1.6 TACACS+ - Privilege Level Conflict**

**(ID 6358)**

Due to a conflict between the privilege level configuration of the gateway and that of the TACACS+ server, specific permission levels could not be accessed properly.

This problem has been solved by making **PRIVLVLONLOGIN** in the **TACACSPSERVERTABLE** configurable.

## 1.7 SIF - TFTP Transfer Failed

(ID 6366)

TFTP file transfers could fail due to a malfunction of the SIF.

This problem has been solved.

## 1.8 SIP - Incoming Calls without Call Sign

(ID 5152)

Incoming SIP calls arrived with no call sign on the connected phones.

This problem has been solved.

## 1.9 TCP - Connection Establishment Failed

(ID 6814)

When establishing a TCP connection via ISDN, repeated SYN packets could cause the connection to be cleared again immediately. This, above all, made it impossible for **XAdmin** to transfer a configuration to a client gateway.

This problem has been solved.

## 1.10 HTTP-Update - Server Address changed

(ID n/a)

The address used for automated system software updates (through the command `http:`) has been changed. It now is: <http://www.funkwerk-ec.com/static/files/>.