

Read Me

System Software 7.4.4. PATCH 4

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

- **R230a**
- **R230aw**
- **R232b**
- **R232bw.**

It contains the following changes:

1.1 Wizard - Several Bugs Fixed

(ID n/a)

The errors, described in the error reports ID 7525, 7237, 4237, 6800, 6880, 6787, 6141, 5674, 7053, 7782, 7781, 7758, 6138, 5564, 5905 and 5662, have been fixed.

1.2 VoIP - Occasional Stacktraces at Proxy Configuration

(ID 3386)

Modifying the proxy configuration (SIP/MGCP) sporadically resulted in stacktraces.

This problem has been solved.

1.3 VoIP - SIP-Calls blocked

(ID 3519)

SIP Calls were blocked, because the SIP proxy erroneously included the private IP address of the SIP client into the SIP register packets and not the public router IP address.

This problem has been solved.

1.4 FCI - Enhancement of IP-Configuration for Internet Connections

(ID 5416)

Default values, menu names and parameter structure of the FCI menus **WAN** → **INTERNET & EINWAHL** → **PPPoE** resp. **PPTP** resp. **PPPoA** have been optimized with regard to standard scenarios.

1.5 CAPI - Removed Configuration Options

(ID 4615)

CAPI configuration options were available on products without ISDN.

This problem has been solved.

1.6 Content Filtering - Problems with Cobion Server

(ID 2809)

The modification of the Cobion server list format lead to incorrect entries for the IP address in **COFSERVERTABLE**. This sporadically resulted in panic and long delays for category requests for URLs to the Cobion server.

Furthermore, licence requests were occasionnally answered incorrectly by the Cobion server, so that the licence was displayed invalid.

These problems have been solved.

1.7 FCI - Wrong Term in SIP-Configuration

(ID 5222)

The option for **PRIORITIZE SIP-CALLS** incorrectly was named *Default*. It has been renamed as *Enabled*.

1.8 FCI - Wrong Term "Permission"

(ID 3864)

The State *Active* was incorrectly named *Permission* in the menus **WAN → INTERNET & DIALUP → ISDN** und **VPN → IPSEC → IPSEC PEERS**.

This problem has been solved.

1.9 WLAN - Low Performance with Intel 2200BG/2915ABG

(ID 3099)

On short distances the WLAN performance was low with Intel 2200BG/2915ABG, presumably due to synchronization problems especially in case of a strong signal.

This problem has been solved.

1.10 RADIUS - Sporadic Reboot

(ID 5557)

When using a RADIUS server for accounting of dialout partners, the gateway sporadically rebooted.

This problem has been solved.

1.11 HTML Wizard - Encapsulations Renamed

(ID 5662)

The encapsulations available for ATM connections were named so that the configuration information provided by ADSL providers (esp. LLC) was difficult to recognize.

This problem has been solved:

- *bridged-no-fcs* was renamed to *LLC (bridged-no-fcs)*.
- *bridged-fcs* was renamed to *LLC (bridged-fcs)*.

1.12 PPP - Connection Failure

(ID 5738)

A PPP connection attempt failed when the responder rejected the use of STAC compression during the negotiation.

This problem has been solved.

1.13 IPSec Monitoring - Sporadic Reboot

(ID 4790)

An error in the IPSec monitoring function could lead to occasional reboots.

This problem has been solved.

1.14 ISDN - Incorrect MSN Handling

(ID 5797)

Outgoing WAN numbers containing wildcards were interpreted incorrectly so that outgoing connections could not be established.

This problem has been solved.

1.15 New Start Mode for IPSec

(ID n/a)

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**

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Always Up is selected, the gateway tries to activate the corresponding tunnel immediately after the boot process has been completed.

1.16 HTTP-Update - Behavior Changed

(ID n/a)

Before **System Software 7.4.2 PATCH 7**, calling `update` started the automatic HTTP update. This behavior has been changed so that `update` displays the command usage and only `update http:` starts an automatic HTTP update.

1.17 Accounting - Format Change without Effect

(ID n/a)

Changes to the format of accounting messages were without any effect: the messages remained unchanged.

This problem has been solved.

1.18 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.

1.19 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.

1.20 SIF - TFTP Transfer Failed

(ID 6366)

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

This problem has been solved.

1.21 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.

1.22 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.

1.23 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.

1.24 PPP - Incomplete CLID Check

(ID 6528 - only for ISDN-enabled gateways)

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

This problem has been solved.

1.25 TCP - Connection Establishment Failed

(ID 6814 - only for ISDN-enabled gateways)

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.