

# Read Me

## System Software 7.4.2. PATCH 7

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

- X2301
- X2301w
- X2301
- X2302w
- R230a
- R230aw
- R232b
- R232bw.

It contains the following changes:

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

## 1.2 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.

## 1.3 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.

## 1.4 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.

## 1.5 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.

## 1.6 SIF - TFTP Transfer Failed

(ID 6366)

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

This problem has been solved.

## 1.7 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.

## 1.8 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.

## 1.9 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.

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This problem has been solved.

## 1.10 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.

## 1.11 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.