

# Read Me

## System Software 7.5.1 PATCH 5

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

- **WI-Serie**
- **Wx002-Serie**
- **R23x-Serie**
- **Rxx00-Serie**
- **TR200**

It contains the following changes:

### 1.1 Multicast - Enable/Disable Menu Created

(ID n/a)

A menu for enabling and disabling the reception of multicast packets has been created in the Setup Tool.

### 1.2 FCI - Configuration of Bridge Groups

(ID n/a)

If you remove the interface used for the configuration session from a bridge group, the IP address of the bridge group is transferred to this interface to avoid the session being terminated.

## 1.3 Jitter Control

(ID n/a)

System Software 7.5.1 Patch 5 introduces a Real Time Jitter Control for all devices that do not yet offer this function and that can use this version of our software.

## 1.4 RADIUS/IPSec - Import of OSPF Metrics

(ID n/a)

It is now possible to import one entry from the ospflfMetricTable per peer when importing peer configurations from a RADIUS server. The RADIUS server dictionary has to be extended for this purpose, e.g., BinTec.attr BinTec-ospflf-MetricTable 247 string (\*, 0).

## 1.5 Setup Tool - Configurable Uplink Speed

(ID 9225)

Real Time Jitter Control configuration now supports specifying the available upstream bandwidth. This is especially important when using an external DSL modem.

## 1.6 DHCP - IP Configuration

(ID n/a)

If a device of the Wx002 or Wlx0xx series is started without a configuration, the default settings are used (192.168.0.252). At the same time, the device sends a BOOTP request so that a configuration via DHCP is possible.

## 1.7 ISDN - Voice Transmission Only in Single Direction

(ID 9418)

Once a data connection has been established via a B channel, voice data are transmitted only in a single direction.

The problem has been solved.

## 1.8 ETHoA - Memory Loss

(ID 9216)

With Multicast connections creating high transfer rates, a panic could occur.

The problem has been solved.

## 1.9 DSL - Panic

(ID 9215)

When during high traffic load the DSL connection was terminated (through a cable defect or a retrain), a panic could occur.

The problem has been solved.

## 1.10 SHDSL - Panic

(ID 9139)

During connection establishment the message "PANIC: Timeout table overflow" could be printed to the console and the gateway could reboot.

The problem has been solved.

## **1.11 SIF - Interface Alias not Created**

**(ID 9315)**

An interface alias for a new RPoA connection was not automatically created for the SIF.

The problem has been solved.

## **1.12 ISDN - Misleading Error Messages**

**(ID 9238)**

The syslog messages showed ISDN errors even though there were no errors.

The problem has been solved.

## **1.13 SIF - Error in Interface or Address Groups**

**(ID 8934)**

When an alias was created for a group of interfaces or addresses, the corresponding SIF rules were not applied to all members of that group.

The problem has been solved.

## **1.14 FCI - Configuration Export not Possible**

**(ID 8951)**

Internet Explorer 6 did not allow exporting the configuration to a PC.

The problem has been solved.

## 1.15 WLAN - WDS Configuration

(ID n/a)

Configuration of a WDS link could be attempted even if no specific radio channel was selected. This could lead to malfunctions, since a WDS link requires a fixed channel.

The problem has been solved.

## 1.16 FCI - Error in Service Configuration

(ID 8750)

The configuration of a service that requires only a single destination port to be specified caused errors in the configuration and in the application of the corresponding filter rules.

The problem has been solved.

## 1.17 FCI - Help not Displayed

(ID n/a)

On some pages, the GUI did not correctly link to the online help.

The problem has been solved.

## 1.18 System - Panic upon Executing Long Commands

(ID 9097)

When executing long commands (e.g. TAB completion yielding strings of more than 16 characters), the gateway could panic.

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The problem has been solved.

## **1.19 ISDN - Combined Services not Supported**

(ID n/a)

Combined entries for ISDN and service login were not supported by MSN configuration.

The problem has been solved.

## **1.20 Setup Tool - Jitter Reduction not Accessible for ETHoA Interfaces**

(ID 9266)

ETHoA interfaces could not be chosen in Real Time Jitter Control configuration.

The problem has been solved.

## **1.21 PPP - Jitter Control Ignored Changes in QoS**

(ID 9225)

If the maximum transfer speed of an interface was changed by means of a QoS configuration, the Real Time Jitter Control was not adjusted.

The problem has been solved.

## 1.22 SIF - Restrictions not Applied

(ID 9221)

Restrictions of the number of SIF sessions and other SIF entries were not applied by the gateway.

The problem has been solved.

## 1.23 Real Time Jitter Control - Active Connections not Incorporated

(ID 9199)

Active VoIP connections were not incorporated when Real Time Jitter Control was activated. Clearing these connections could lead to negative counter values which disabled the automatic Jitter Control activation until a reboot.

The problem has been solved.

## 1.24 IPSec - Panic

(ID 8395, 8349, 7956, 7556, 7218, 7213, 7175, 7080, 7072)

After an error in the handling of a peer state, the message 'improper state 5' (or similar) was sometimes printed to the console. A panic would follow. The error occurred with different peer states (*IPSECPEEROPERSTATUS*):

- awaiting\_callback (33)
- ip\_lookup (35)
- going\_up (36)
- wait\_if (37)
- wait\_publish (38)
- wait\_localip (39)

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The problem has been resolved.

## **1.25 OSPF - Duplicated Entries**

**(ID 9171)**

When loading an IPSec configuration from a RADIUS server, duplicate interface entries were occasionally created.

The problem has been solved.

## **1.26 IPSec - Phase 2 Negotiation Failed**

**(ID 9167)**

Occasionally, the negotiation of an IPSec Phase 2 failed due to the user ID being manipulated by the gateway.

The problem has been solved.

## **1.27 VoIP - No Connection to 1&1**

**(ID 8356)**

Once two simultaneous registrations at 1&1 were made by a gateway, no more registrations were accepted.

The problem has been solved.



## 1.28 Bridge - Extended Route Deleted

(ID 9386)

When a LAN interface was switched from routing to bridging mode, all loaded extended routes were deleted.

The problem has been solved.

## 1.29 TCP - No Data Traffic with TDRC

(ID 9063)

When TDRC was activated during an existing TCP session, all data traffic via TCP was blocked. Only after clearing the respective connection TDRC functioned properly.

The problem has been solved.

## 1.30 PPP - WAN Bridging Impossible

(ID n/a)

After an update to System Software 7.5.1 (earlier than Patch 5) WAN bridging was disabled.

The problem has been solved.

## 1.31 Setup Tool - Incomplete Port Listing

(ID 8370)

During Load Balancing configuration the port ranges for the configuration of services or service sources were not displayed correctly.

The problem has been solved.

