

Release Note QuadroISDN GW 4.1.52, Edition 1

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1 Introduction

The Release Note describes the hardware and software requirements to use the

QuadroISDN GW software 4.1.52 Date: February 01, 2008

Additional enhancements, bug fixes and known issues incorporated in this software will be listed as known.

Date: February 5, 2008

2 Requirements

2.1 Hardware requirements

- The software can be used on all QuadroISDN GW models.
- The model name is written on the back plate of the unit.

2.2 Software requirements

- A software upgrade can be made without issues from software versions higher than 4.1.3.

2.3 Interaction with other Quadro SW releases

The QuadroISDN with SW 4.1.52 running can be used with Quadro IP PBX (Quadro2x/4x/16x) in the shared mode only if Quadro IP PBX is running a SW version 4.1.40 or higher.

3 New Features History

The table below indicates a high-level list of new features that have been added beginning with the most recent QuadroISDN GW release.

Release	Changed Features
4.1.52	The results of system configuration backup & download are reflected in the system events
	Added MSN selection for ISDN Point-To-Point mode
	Added ISDN BRI timeslot selection in Call Routing (for Japan ISDN)
	Adjusted timezone parameters for Venezuela according to the new standards
4.1.40	Possibility to upload and customize system messages (in the uploadmessages.cgi hidden page)
	Attendant Ringing Announcement is now available both for default and custom AA scenarios and the selection is moved to the bottom in Attendant Scenario Settings page
	Possibility to change the default memory size to be allocated as a temporary storage for unified FAX message (in the extmanagement.cgi hidden page)
	The 3PCC Settings option was added under Telephony menu
	Multiedit support in Extensions Management for Codec Settings
	Support of 2-stage dialling for ISDN BRI
4.1.33	Possibility to change static, running logos, links and browser mini logo (accessible at loadlogo.cgi hidden page)
	Added Call close reason in call statistic records
4.1.23	
4.1.22	
4.1.3	

4 Changed Features History

The table below indicates a high-level list of new features that have been changed beginning with the most recent QuadroISDN GW release.

Release	Changed Features
4.1.52	The memory used by "DSP Capture", "Call Capture" and "Network Capture" hidden pages is limited to 3 Mb. This limits the duration of the captured file
	The maximum length of VM sent by email is limited to 3 minutes
	The maximum count for allowed MSN numbers is increased from 10 to 16
	The number of VMs in the mailbox for one extension is limited to 300
4.1.40	SNMP is disabled in default configuration
	Call bandwidth usage statistics is temporarily removed
	Increased the logs capacity of the Quadro by archived logging
	The echo cancellation parameters for ISDN trunks are optimized: the default values for the Echo Tail, NLP Difference and NLP Shift are set to 16msec (128 samples), 6 dB and 3 dB accordingly (in the trunkecho.cgi hidden page)
	New Zealand Daylight Savings Changed
	The default domain name "epygi-config.com" replaced with "epygi-config.loc"
	ISDN wizard improved
Telephone Event Draft Support checkbox removed from RTP Settings	
4.1.33	Some default values corrected
	The DSP load parameters are corrected according to current DSP SW performance
4.1.23	
4.1.22	G.723 is activated by additional feature key
	Two new IP-PSTN providers in the "VoIP Carrier Wizard" list (AGN and Netlogic)
	Backup and Restore configuration procedure changed.
	Download and Upload Legible configuration procedure changed.
4.1.3	

5 Fixed Issues

Issues fixed since version 4.1.40.

D: Description

C: Consequences

Impossible to upload WAV files as custom system messages with duration over 1 minute		12385
D:	Scenario: <ol style="list-style-type: none">1. Go to Extensions Management and upload a custom system message for auto attendant or user extension.	
C:	If the duration for WAV file exceeds 1 minute, the system gives an error message: "Uploaded file is too large".	

6 Known Issues

D: Description

C: Consequences

Fix: What to do to avoid the situation, or what to do in case the situation has occurred.

Instant Call Back does not work for incoming calls from the PSTN to the Quadro IP PBX when the QuadroISDN acts as an ISDN expansion device 11702	
D:	The Instant Call Back service will not work if the incoming PSTN call has been addressed to the expanded ISDN lines on the QuadroISDN.
C:	The reason is that the call from the QuadroISDN to the Quadro IP-PBX is a SIP call, which is not supported for Call Back service.
Fix:	Under investigation, will be fixed in future releases.
The feature code *7 for call routing management on Auto Attendant does not work 12368	
D:	Scenario: 1. Call to ISDN GW Auto Attendant and dial *7 to enable/disable certain routing rule in call routing table.
C:	*7 does not take effect.
Fix:	Use ISDN GW GUI to enable/disable routing rules. Will be fixed in the next release.
The Quadro IP PBX is unable to use the shared PSTN lines of the QuadroISDN during call forwarding configured with the "PSTN" call type 11708	
D:	Scenario: 1. QuadroISDN is in the LAN of the Quadro IP PBX, and the ISDN lines of the QuadroISDN are shared to the Quadro IP PBX 2. All available PSTN lines are connected to QuadroISDN, 3. Forward the call to the PSTN using the "PSTN" call type in the configuration
C:	When there are no PSTN lines available on the Quadro IP PBX or all PSTN lines are busy, the call forwarding to the PSTN using the "PSTN" call type should use the shared PSTN lines of the QuadroISDN, but instead a "Check your external phone line" message is played.
Fix:	Use the "Auto" call type option in the configuration. Under investigation.
There is no "extensions directory" service for QuadroISDN, but the voicemail wizard, voicemail services (*0->3->5) and online help incorrectly mention it 14029	
D:	
C:	No consequences
Fix:	Will be fixed in the next release.

7 Upgrading Instructions

7.1 General hints

- It is recommended to execute the update by downloading the software first to a PC located in the LAN side of the unit and perform the firmware update from the LAN side. This is to make sure that arising problems with the Internet connection do not affect the upgrade process.
- Additionally it is recommended to make a backup of the configuration before upgrading and download this configuration to the PC used to manage the system.

Remember that some data is lost during upgrade:

- **Call Statistics**

Workaround - to save the existing call statistics, download it to the PC from Call Statistics-Statistics Settings before performing the firmware update.

- **Voice mails**

Workaround – save the recorded voice mails from the Voice Mailbox before performing the firmware update.

- **All custom voice greetings**

Workaround – backup and download all configuration and voice data to a PC.

- **All custom recordings for the custom Auto Attendant**

Workaround – backup and download all configuration and voice data to a PC.

- **Transfer statistics for the network**

- **Event log**

- **DHCP leases**