

Release Note QuadroFXO 4.1.31, Edition 2

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OWNED BY EPYGI TECHNOLOGIES LTD. ANY COPYING, USE OR DISCLOSURE OF THE DOCUMENT OR THE INFORMATION CONTAINED HEREIN WITHOUT THE WRITTEN PERMISSION OF EPYGI TECHNOLOGIES LTD. IS STRICTLY PROHIBITED.

1 Introduction

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

QuadroFXO software 4.1.31 Date: July 30, 2007

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

Date: September 5, 2007

2 Requirements

2.1 Hardware requirements

- The software can be used on all QuadroFXO 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 **3.0.6**

3 New Features History

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

Release	New Features
4.1.31	
4.1.7	Flexible Numbering Plan for extensions
	Voice mail capability for virtual extensions
	Initial VM Setup via Phone
	SMS and E-mail notification about the call forwarding
	Access to extension voice mailbox from outside by-pass the auto attendant
3.1.10	
3.1.7	"Backup & Automatically download all config & voice data" via E-MAIL, FTP, TFTP
	System Remote Logging
3.1.4	Sharing mode enable with Quadro IP PBXs

4 Changed Features History

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

Release	Changed Features
4.1.31	
4.1.7	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.
3.1.10	NZ DTMF twist value is corrected
3.1.7	Management GUI redesigned according to current functionality.
3.0.10	The default settings are changed to minimize the configuration efforts when QuadroFXO is placed in Quadro2x/4x/16x LAN
	By default the LAN IP address of the system is 172.28.0.1

5 Fixed Issues

Issues fixed since version 4.1.7

The Call forwarding to SIP destination doesn't work when incoming PSTN call reach the extension on Quadro IP PBX through the QuadroFXO lines 11274	
D:	Scenario: <ul style="list-style-type: none"> 1. The QuadroFXO is configured with the Quadro IP PBX in the sharing mode, 2. Call forwarding to a SIP destination is configured on an extension on the Quadro IP PBX, 3. Call from PSTN to the extension on the Quadro IP PBX with call forwarding enabled using FXO line for QuadroFXO.
C:	The call forwarding will fail. The same when using ZeroOut to SIP, Redirection on Timeout to a SIP address.
Remove the filters from routing records created by the "VoIP Carrier Wizard" 10896	
D:	Scenario: <ul style="list-style-type: none"> 1. Go to the Telephony menu, 2. Run the VoIP Carrier Wizard to create a routing rule for an IP-PSTN service provider, 3. The routing rule for the service will be created and added to the Call Routing table.
C:	The "Filter on Caller/Call Type/Modify Caller ID" for the created rule will be automatically enabled and the Inbound Call Type will be set to "PBX". This call type does not make sense to QuadroFXO.
The sharing mode stop functioning after a scenario 12557	
D:	Scenario: <ul style="list-style-type: none"> 1. Register QuadroFXO on Quadro IP PBX using PSTN line Sharing 2. Check if QuadroFXO successfully registered and provided PSTN lines for Quadro IP PBX 3. Now change sharing mode registration password on QuadroFXO to some value different than in master Quadro IP PBX. After a few seconds the QuadroFXO automatically will change the status to "Not-registered" 4. Change back to correct password to the QuadroFXO
C:	Both Quadro units will shows PSTN Line Sharing registration state as "Registered", but actually the FXO routing rules are not automatically generated on QuadroFXO so the sharing isn't functional.
The 6th parallel call with iLBC voice codec interrupts other active calls 10954	
D:	When having 6 parallel calls with the iLBC voice codec, the 6 th call will cause a noise in the handset.
C:	A noise in the handset is heard.
Extensions on the Quadro IP-PBX cannot use the feature code *2 for calling back to the last PSTN caller if the PSTN call arrives through QuadroFXO lines 12476	
D:	Scenario: <ul style="list-style-type: none"> 1. QuadroFXO is configured in sharing mode to work as an FXO expansion unit for the Quadro IP-PBX, 2. All incoming calls from PSTN will reach an extension on the Quadro IP-PBX through the FXO lines of the QuadroFXO.
C:	Now the extension on the Quadro IP PBX cannot use the callback (*2) service to call back to the PSTN caller. The next problem caused by this issue is that Immediate Call Back option from Voice Mail Services cannot be used either by Quadro IP PBX user to call to the voice mail sender.

The Permanent Call Back menu (*6) doesn't work correctly		11293
D:	Scenario: <ol style="list-style-type: none">1. The PSTN user is registered in the Authorized Phones Database with the CallBack service enabled,2. The PSTN user calls to the QuadroFXO Auto Attendant.3. They enter the Permanent Call Back Menu via the handset (*6) to modify the caller and callback destination.	
C:	If there was an entry with same caller address, changes will be applied to that entry. If a caller address is absent, nothing is added to the "Authorized Phones Database".	

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 QuadroFXO acts as an FXO expansion device 10924	
D:	The Instant Call Back service will not work if the incoming PSTN call has been addressed to the expanded FXO lines on the QuadroFXO.
C:	The reason is that the call from the QuadroFXO 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.
Call Forwarding to the PSTN does not connect through the QuadroFXO lines in default configuration using sharing mode 11248	
D:	Scenario: <ol style="list-style-type: none"> 1. The QuadroFXO is configured with the Quadro IP PBX in the sharing mode, 2. Call Forwarding is configured for an extension on the Quadro IP PBX, 3. FXO lines on the Quadro IP PBX are either busy, not connected to the CO PSTN lines or they have been disabled.
C:	When calling to that extension, the call forwarding service to the PSTN doesn't work. The system gives the error "Check your external line". It is the same for all types of call forwarding, including call forwarding with "pstn" option.
Fix:	Use the option "Auto" and local call routing when configuring call forwarding to the PSTN network. Under investigation, will be fixed in future releases.
The Call Queue Redirection does not work on virtual extensions 13198	
D:	When Call Queue is configured with Redirection service enabled on a virtual extension, then calls in queue will not be redirected and will remain in the queue.
C:	
Fix:	Under investigation, will be fixed in future releases.
An issue with transferring PSTN calls back to the PSTN using only the PSTN lines of shared QuadroFXO 13202	
D:	Scenario: <ol style="list-style-type: none"> 1. Quadro IP PBX is configured with a QuadroFXO in the shared mode, 2. All available PSTN lines are connected to the QuadroFXO, 3. Incoming PSTN calls reach the extension on the Quadro IP PBX.
C:	When the incoming PSTN call is being transferred (blind or with consultation) to a PSTN destination it may be missed and not logged into the Active Calls Statistics of the Quadro IP PBX.
Fix:	Under investigation, will be fixed in future releases.

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 the following data is lost during an 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 scenarios**
Workaround – backup and download all configuration and voice data to a PC.
- **Transfer statistics for the network**
- **The Event log**
- **DHCP leases**