BIANCA/BRICK XS2

Release Notes

Software Release 5.1.1 Patch 7

2 December 1999

1 Upgrading System Software

➤ Retrieve the current system software image from BinTec's WWW server at http://www.bintec.de (Section: Download).

➤ With this image you can upgrade the BIANCA/BRICK with the update command from the SNMP shell via a remote host (i.e. using telnet, minipad, or isdnlogin) or by using the BOOTmonitor, if you are logged in directly on the console.

Information on using the BOOTmonitor can be found in the BIANCA/BRICK User's Guides under Firmware Upgrades.

Caution!

➤ Do not update your Logic or BOOTmonitor images unless expressly instructed to do so.

Normally, it is not necessary to upgrade these images. Only in exceptional cases is an upgrade explicitly recommended.

➤ If you are unsure whether to upgrade or not, read the BOOTmonitor and Firmware Logic Release Notes (available below the images on the FTP server, section: Download) where you will find tables that specify the appropriate Logic and BOOTmonitor versions available for your BinTec product, and if an update is recommended or not.

Please note that there is an update procedure in case there is not enough memory available to perform a software update via the update command from the SNMP shell. The incremental update loads the new software image in blocks of 64 KB via TFTP and writes it to the Flash ROM immediately.

Because this procedure offers no possibility to check the integrity of the image:

➤ first use the option "-v" that verifies the image file.

When upgrading system software, it is also recommended that you use the most current versions of BRICKware for Windows and UNIX Tools. Both can be retrieved from BinTec's WWW server.

If you are updating from a software release equal to or older than 4.7.x to the current version, 5.1.1, patch 7 or later, it is necessary to firstly upgrade to 4.9.3, save the configuration, then upgrade to 5.1.2. If you update directly from 4.7.x to 5.1.x, the old IP access lists can not be automatically converted and are lost.

2 Bugfixes

2.0.1 Flash Files Deleted

In Release 5.1 Revision 1 (Patch 5), all Flash files of the **biboAdmConfigDirTable** may have been deleted after repeated attempts were made to save new configuration files to Flash with the `cmd=save` command (**save as boot configuration** in Setup Tool). A reorganization would have been done automatically leading to the deletion error.

If you are saving a configuration file with the above image running, verify the file has been correctly saved to Flash by either looking for the file in the **biboAdmConfigDirTable** or by checking if the error "`CONFIG: err flash-get`" is reported in the **biboAdmSyslogTable**. If your configuration file has not been saved, simply save the configuration file again with `cmd=save`.

The bug has been fixed in this patch release (patch 7).

2.0.2 VPN Links Disconnected

In some isolated cases, after precisely 7,200 seconds or if the BRICK on one side rebooted, for example, VPN links were incompletely disconnected.

The result of this type of disconnection was that the state of the VPN interface on the side that booted was set to *dormant*, while the state of the VPN interface on the other remained *up*. Once these inconsistent states were reached, no further VPN connection could be made.

Now the inconsistency is determined and resolved: the VPN interface with the *up* state is reset to *dormant* and the VPN connection can be reestablished.

2.0.3   RADIUS for Dialout

Running release 5.1.1 p1, the problem occurred where on booting, the BRICK failed to load dialout routes from the RADIUS server. Subsequent authentication requests could not be made, causing the BRICK to reboot.

Connection problems may also have occurred after a temporary failure of the RADIUS server.

These bugs have been fixed.

2.0.4   Incorrect Values for New Fax Parameters

On loading Release 5.1.1 patch 3, the values of the new fax parameters Fax 12000, FaxTXLevel and FaxModulation were set to 0. This made sending and receiving faxes impossible.

Once the values were manually set to their default values, the proper fax functionality was restored.

Now, however, on loading this release, the new fax parameters are automatically given their default values and are not set to 0, ensuring the correct operation of fax functionalities.

2.0.5   Multiple-Page Fax from Fritzcard to XS-Office

The faxing of multi-page documents was not possible from a Fritzcard to an XS-Office 2 MB with Firmware 5.1.1 patch 3 with Faxware from Tobit.

This bug has been fixed.

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