

Billion 7402V Series.

Firmware v5.04c.dg1 Release Notes.

This document and the included firmware are Copyright © 2005 Billion Electric Co. & PC Range Pty Ltd. All Rights Reserved. No part of this document may be posted publicly without the express written consent of PC Range Pty Ltd. The included firmware release is intended for use in Australia only. Unauthorised distribution of Billion firmware or this document is strictly prohibited. For releases outside Australia please refer to the Billion Taiwan website at www.billion.com or contact them via email support@billion.com

Australian users should only use firmware downloaded from the official Billion Australia website at www.billion.com.au or supplied by Billion Australia and PC Range agents and staff. All Billion products and firmware are provided “as is” and no responsibility is taken for any loss or damage that may result from their use.

All users should reset the router to factory-default settings after upgrading firmware.

7402VGO users must reset their router to factory-default settings before attempting to upgrade firmware.

Version: 5.04c.dg1 (29th September 2005)

Changes from 5.03 to 5.04c.dg1 (including 5.04a.dk5 changes):

New Features:

- Added VoIP volume controls to web interface, and ability to save values to flash.
- Added Cancel Call-Waiting option.
- Added Call-Forwarding on No Answer option.
- Added protection that prevents Passphrase being used when WEP encryption mode is ASCII.
- Added VoIP provider list.
- Added wireless driver auto-detect function for INPROCOTM and Ralink wireless modules.

Improvements:

- Handles 302 status code.
- Handles 4xx-6xx response to PRACK without terminating dialog.
- Plays tone when authentication failure for outgoing call.
- Make Registration Log consistent when 2 FXS ports share the same User-ID.
- Plays error tone when user places outgoing call via FXS port without User-ID.
- The configuration can be saved when Remote Access set to always on (0 seconds).
- Minimum length of 8 characters for a WPA Pre-Shared Key is now enforced when key is entered via web interface.
- Does not include SDP in 180 (Ringing) response. (For iiNetPhone.)
- Accepts Digitmap postfix syntax: ...<:@...>

Bugs fixed:

- Fixed two memory leak issues in VoIP-related functions.
- Fixed the LINE LED display.
- Fixed Australian Caller ID generation issue on FXS port.
- Fixed iiNetPhone expire time issue.
- Fixed iiNetPhone PRACK issue.
- Fixed SNMP community factory default settings error.
- Fixed DNS memory leak issue.
- Fixed register problem with ATP Server.
- Fixed bug to remove Reserved Mapping rule with multiple NAT setting.
- Fixed bug where softrelay did not succeed when the no. of digits was set to 0 and the action set to "dial without prefix".

Fixed bug for VOIP to land calls. The 2nd PRACK should be viewed as a new dialog and the CSeq number needs to be increased.

Fixed bug where the buffer for event log entries (REGISTER) was too short.

Fixed bug when choosing VPN dialin, the option Active as default route can't be used in the PPTP/L2TP webpage.

Known issues:

Caller ID does not always work for incoming PSTN (FXO port) calls.