

# Welltech Product Release Note

Date: Jan-02-2008

<b>Model Name:</b>	WG3512	<b>Object:</b>	<input type="checkbox"/> H.W. <input checked="" type="checkbox"/> S.W.
<b>Subject:</b>	Release Application Rom for WG3512: 2FxsPW.100B.bin		
<b>Release contents</b>			
<b>Bug Fixed</b>			
<ol style="list-style-type: none"><li><b>1. Improved router performance:</b> In Gateway mode, if NAT is enabled. Network devices such as PC, wifi phone etc are connected to the internet via WG3512's NAT, the internet connection is extremely slow in response time. Modifications have been made to increase the speed of connection for devices under NAT.</li><li><b>2. Fixed call drop problem:</b> Fixed call termination issue if users holds and resumes the phone call rapidly.</li><li><b>3. Fixed T38 compatibility:</b> Fixed T38 compatibility issues on sending and receiving of fax with Cisco's Softswitch BTS10200.</li><li><b>4. Fixed authentication issue for SIP protocol:</b> Fixed authentication on re-invite packets and BYE packets, where authentication will be included in these packets if the server supports and requires authentication on SIP packets.</li></ol>			
<b>Feature and Function Added</b>			
<ol style="list-style-type: none"><li><b>1. Added end-of-digit (eod) function:</b> Added the function to disable the hash key "#" as the end-of-digit (eod) symbol. The main purpose of the "eod" feature is to speed up dialing by pressing the hash key "#" at the end of dialing a number, rather than waiting until the timeout period for the call to be made. This is done due to the fact that some SIP proxies requires the use of "#" symbol as the access code to trigger their call services, for example, press *56# to enable do not disturb (DND) function. This function is located in VoIP Settings→Other web menu page, with the field name of "Dial out by hash key".</li><li><b>2. Added VLAN support for Video:</b> VLAN tagging for Video is now supported; the port that will be used for is LAN 1 (the LAN port next to the WAN port), while LAN port number 2 to 4 will be tagged as "data" if VLAN is enabled.</li></ol>			
<b>Configuration Item Changed</b>			
<b>Application Block Diagram</b>			
<b>Hyperlink</b>			
<ol style="list-style-type: none"><li><b>1. WELLTECH WEB Site:</b> <a href="http://www.welltech.com">http://www.welltech.com</a></li><li><b>2. Firmware Download:</b> <a href="http://www.welltech.com/support/voip2/SIP%20series/FXS%20series/WG3512/APP/2FxsPW.100B.bin.zip">http://www.welltech.com/support/voip2/SIP%20series/FXS%20series/WG3512/APP/2FxsPW.100B.bin.zip</a></li></ol>			

**3. User Manual:**

[http://www.welltech.com/support/voip2/SIP%20series/FXS%20series/WG3512/Usermanual/WG3512\\_UM\\_EN\\_v1.00.PDF](http://www.welltech.com/support/voip2/SIP%20series/FXS%20series/WG3512/Usermanual/WG3512_UM_EN_v1.00.PDF)

**Note**

1. After upgrading the firmware version from 0.7 to 0.7B, all configurations will be reverted to default settings. The only settings that can be backed up are settings from the VoIP menu. If users wish to keep their existing VoIP configurations, please export the user configuration file from the menu VoIP Settings→Config. When firmware update is completed, please load (import) the user configuration file that was exported previously back to the WG3512 via the export/import option in VoIP Settings→Config. Users are not able to back up all configurations from 0.7 and import it to 0.7B's firmware using the export/import user configuration option under the Management menu.
2. Pending issues:
  - a) When calling to a destination that has Music Ring Back Tone using 180/SDP, the WG3512 does not process this 180/SDP. Therefore, only Ring Back Tone will be heard.
  - b) Performance issue for 3-way conference. If a 3-way conference is made involving with the two ports of the WG3512, the voice quality degrades. This will occur when using G.729 codec, please change to G.711u for temporary solution.
  - c) SIP Info and DTMF Event are currently not supported for sending flash event (the signal type sent when users presses the flash key on handsets). At the moment, only SIP's Invite packet will be sent when the users presses the flash key on the handset.