

# Welltech Product Release Note

**Date:**2009/10/12

<b>Division:</b>	SDD1	<b>Releaser:</b>	Songyo
<b>Model Name:</b>	WellGate2608, 2680 and 2644	<b>Object:</b>	<input type="checkbox"/> H.W. <input checked="" type="checkbox"/> S.W.
<b>Subject:</b>	release firmware : wg26xx_ap_106d		
<b>Release contents</b>			
<b>Bug Fixed</b>			
<ol style="list-style-type: none"><li>1. Fixed the FXO incoming call failed to be detected occasionally.</li><li>2. Fixed the register failure when DNS name is used on SIP proxy IP address.</li><li>3. Fixed the system crash issue when a G.723.1 silence packet was received.</li><li>4. Fixed the REFER NOTIFY stop sending after first one was sent.</li><li>5. Improved the success rate for FAX BYPASS by adjusting DSP parameters.</li></ol>			
<b>Feature and Function Added</b>			
<ol style="list-style-type: none"><li>1. Support Polarity Reversal and Loop Current Drop Detection for FXO to release port after call was dropped.</li><li>2. Support Polarity Reversal and Loop Current Drop Generation for FXS to notify relevant party the call was dropped.</li><li>3. When a call was received by the representative port, the call will be hunted to an available FXO port for calling out.</li><li>4. Support SIP PRACK option for "Support" and "Required"</li><li>5. Support up to 7 DM groups including FXO in, FXS in, VOIP in and additional 4 groups for call routing purpose.</li><li>6. For call routing, added the support for backup routed and backup DM selection.</li><li>7. Support PAUSE (one p pause 2 sec) for DM group which can be used for outgoing 2 stages dialing.</li><li>8. Support Welltech's proprietary encryption for SIP, voice and fax to avoid ISP from blocking VoIP calls.</li><li>9. Support re-generate FLASH signal from Telephone set or PABX when receive FLASH event from SIP INFO or RFC 2833.</li></ol>			
<b>WEB Configuration Item Changed</b>			
<ol style="list-style-type: none"><li>1. Changed the dial plan algorithm to the longest match first.</li><li>2. Voice volume was changed to support +5dB to -20dB, default is -3dB.</li><li>3. Removed G.726 bypass codec from T.30 fax bypass</li><li>4. Prefix route was removed and move into "call route" feature</li><li>5. Improved port status to have more information including FXO PSTN line Plug-in Status, call duration, caller, called number and codec.</li><li>6. Improved the call processing response for a FXO incoming call. It will be processed as soon as the caller ID was received.</li><li>7. Improved FXO port the incoming ring detection algorithm.</li><li>8. For a registered FXO/FXS port, the outgoing priority will be changed to call routing first and then send to register proxy after the DM was executed.</li><li>9. Improved FXS initial calibration procedures.</li></ol>			
<b>Application Block Diagram</b>			
<b>Hyperlink</b>			
WELLTECH WEB Site: <a href="http://www.welltech.com">http://www.welltech.com</a>			
Firmware Download: <a href="http://www.welltech.com/support/26xx.htm">http://www.welltech.com/support/26xx.htm</a>			
User Manual: <a href="http://www.welltech.com/support/26xx.htm">http://www.welltech.com/support/26xx.htm</a>			
<b>Note</b>			