

Welltech Product Release Note

Date: Nov- 5- 2007

Division:		Releaser:	Jason
Model Name:	e-pbx100 / e-pbx100A	Object:	<input type="checkbox"/> H.W. <input checked="" type="checkbox"/> S.W.
Subject:	Release new SIP APP firmware for e-pbx100: app_203.app/e-pbx100A: Aapp_102.app		
Release contents			
Bug Fixed			
<ol style="list-style-type: none">1) When user uses “Domain name” format to register other SIP proxy (SIP Trunk), sometime the call easily fail under e-pbx query to DNS fail.2) Improve e-pbx performance, when setting DTMF type on In-band.3) Fixed “Transfer” easily fail problem.4) Fixed WEB management can’t be accessed problem sometime. (It will auto check WEB program every 3 min, if it’s death it will auto run WEB program again.)			
Feature and Function Added			
<ol style="list-style-type: none">1) Support BLF (Busy Lamp Field). Default: disable. WEB -> Configuration -> extension -> BLF2) Support "Sequential Ring". WEB -> Configuration -> Dial group3) Support Video transmission (codec: H263). Default: disable. WEB -> IP PBX -> PBX Setting -> Video support.4) Added “RTP timeout” auto close channel on e-pbx. (RTP path must transit through e-pbx and one side no RTP packets duration 60s.) Default: 60 seconds. WEB -> Configuration -> IP PBX -> PBX Setting -> RTP Timeout5) Added play AA time (1 or 3 times) then duration 5 seconds (Previous firmware was set 10s.) auto transfer to Operator. Default: 1 time.6) Added user can set UCF from outside. Activated: <i>outside call to AA -> press *87+extension number (enabled extension), then hear IVR again press *88+ destination extension (transfer number).</i> Deactivated: <i>outside call AA -> press *87+extension number(enabled extension), then hear IVR again press *89.</i>7) Added “outgoing call rule/ incoming call rule” Digits Length. User can set “5-10” range.8) Added auto reboot when memory less than 1600k.9) Added VMS to mail message, user can define mail message himself. Detail information please view Figure 1. WEB -> Management -> VM Setting.10) Added sorted function on “extension; trunk; sip trunk; routing table; dial group; subscriber”.			

Known Bugs

- 1) When e-pbx registers to SIP Proxy with two accounts, you should not set "Realm" on SIP Trunk. Or one of two accounts will register fail.

Application Block Diagram

Figure 1: (VMS to Mail message)

The screenshot shows a dialog box titled "VM Setting" with a sub-header "Voice mail to e-Mail Setting". It contains three input fields: "e-Mail Subject:" with the value "[IP-PBX]: New message \${VM_MSGNUM} in mailbox \${VM_MAILBOX}", "e-Mail Encode:" with the value "ISO-8859-1", and "e-Mail Body:" with a text area containing a template message. At the bottom, there are "Apply" and "Cancel" buttons.

VM Setting

Voice mail to e-Mail Setting

e-Mail Subject: [IP-PBX]: New message \${VM_MSGNUM} in mailbox \${VM_MAILBOX}

e-Mail Encode: ISO-8859-1

e-Mail Body: Dear \${VM_NAME}:
Just wanted to let you know you were just left a \${VM_DUR} long message (number \${VM_MSGNUM}) in mailbox \${VM_MAILBOX} from \${VM_CIDNUM}, on \${VM_DATE}, so you might want to check it when you get a chance. Thanks!
IP PBX

Apply Cancel

1. **Encode:** English: "ISO-8859-1"/ Chinese: "big5" (Don't use another language family, because it will easily display error code.)
2. **Bits limit:** Subject: 95 bits / Body: 500 bits.
3. **Variable:**
 - a. **VM_NAME**--> Callee number.
 - b. **VM_DUR**--> leaved voice message length.
 - c. **VM_MSGNUM**--> Leaved message number, you can't set it, because the number always is "1".
 - d. **VM_MAILBOX**--> it's the same VM_NAME.
 - e. **VM_CALLERID**---> Caller's caller id (include name & number)
 - f. **VM_CIDNUM**---> Caller's number
 - g. **VM_CIDNAME**---> Caller's name
 - h. **VM_DATE**--> Leaved message time.

Hyperlink

- **WELLTECH WEB Site:** <http://www.welltech.com/>
- **Firmware Download:** <http://www.welltech.com/support/epbx100.htm>

Note