

Model Name:	JIP4001/JIP4002	Object:	H.W. *S.W.
Subject:	Release SIP Firmware of JIP4001/JIP4002 : sipfxso.105		
Release content			
Bug fixed			
<ol style="list-style-type: none"> <li>1. <b>Fix some unexpected [FXO locked] problems.</b></li> <li>2. <b>Solve the problem that FXO port can not support [transfer] if it is under one-stage dialing.</b></li> <li>3. <b>Call will be dropped sometimes if the call signal comes from PSTN and the transfer function is enabled.</b>  If there is an incoming call and its call-leg is 0x00001. If it transfers to the other extension, it will get a new cell-leg 0x00002 and save the old call-leg 0x00001 to memory. When it transfers successfully, FXO port should clear call-leg 0x00001 in the memory. But the old version didn't do it until the call state return to IDLE. If it is still in the connect state and SIP stack re-allocate the call-leg 0x00001 to new incoming call, it will cause FXO find port number error. It will get the error RTP port. So it will cause the original voice gone and hear others voice.</li> <li>4. <b>Fix the G729 codec issue with Asterisk proxy.</b>  The remote side will send the G711u as the first priority although JIP400x's first voice priority is G729. But the RTP from JIP400x still keeps G711u although it only sets the codec to G729.</li> <li>5. <b>Fix the Fax error if the server sends a 407 message to JIP400x when FAX negotiation.</b></li> <li>6. <b>Fix the bug that the FXS ports of JIP4002 can not make call at the same time if user change the FXS default route to FXO.</b></li> </ol>			
Featurea dn Function added			
<ol style="list-style-type: none"> <li>1. <b>Add FXO forward function (FXO is the caller).</b>  FXO is the caller and make a call to an IP Phone which enables the call forward function. According to the SIP standard, the IP Phone should reply a "302" message to notify the FXO of sending another "invite" to the correct destination. This version adds this feature.</li> <li>2. <b>Shorten the [RBA] detect time.</b>  The FXO will pick up the call based on the [RBA] time; revise the source code to shorten the [RBA] time to help the FXO can pick up the call earlier.</li> <li>3. <b>Add [ support-t38] command to let user enable or disale t38 FAX function.</b>  Command: support-t38 0</li> <li>4. <b>Add some protections for IP incoming call. In all state machine. The [resource ] will be free when FXO got the silence or disconnect tone diction.</b></li> <li>5. <b>Add [SIP Ping] function, default is disabled.</b>  Command; sysconf-sipping 1</li> </ol> <p><b>This version adds the function to replay greeting when the server response 404 not fund.</b></p>			

Configuration item changed

1. Changing the tune of hold tone to 2<sup>nd</sup> dial tone.

The hold tone of FXO with previous version sounds like ring back tone and some customers confused about it.

Note

1. The FXO device may shutdown if you enable the “debug-a vp”, R&D engineer will add the “debug protection” in the near future.