

????? Sipura ATA SPA3XXX/PAP2 ?????

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?? ATA ??? auto-provisioning ?????????? ATA ?????????????????????????????? ATA ??????????????????????????????
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1. ??????????
2. ????????? xml
3. ??????????????????

Notes: ?????????????????? Web UI ????????????????

- ??????????

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????????? FXS port??????????

????????? > ??73738??> ??1?

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????????????? DHCP ?????????????????????????????? DHCP ??????????????

????????? > ??110??> ?????????? IP ?????? xxx.xxx.xxx.xxx?

- ?????????? xml

???init.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<flat-profile>
  <Profile_Rule ua="na">http://your-provision-server/$PN/cfg_$MAU.xml</Profile_Rule>
</flat-profile>
```

???cfg_your-mac-address-of-ata.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<flat-profile>
<!-- tag case appears to be important -->
<!-- System -->
  <Admin_Passwd ua="na">your-password</Admin_Passwd>
  <User_Passwd ua="rw">your-password</User_Passwd>
  <Primary_NTP_Server ua="na">pool.ntp.org</Primary_NTP_Server>
```

```

<!-- SIP -->
  <RTP_Packet_Size ua="na">0.020</RTP_Packet_Size>

<!-- Provisioning -->
  <Profile_Rule ua="na">http://your-provision-server/\$PN/cfg\_\$MAU.xml</Profile_Rule>
  <Provision_Enable ua="na">Yes</Provision_Enable>
  <Forced_Resync_Delay ua="na">2</Forced_Resync_Delay>
  <Resync_Periodic ua="na">30</Resync_Periodic>
  <Resync_Error_Retry_Delay ua="na">30</Resync_Error_Retry_Delay>

<!-- Regional -->
  <!-- Vertical Service Activation Codes -->
  <CW_Act_Code ua="na"></CW_Act_Code>
  <CW_Deact_Code ua="na"></CW_Deact_Code>
  <CW_Per_Call_Act_Code ua="na"></CW_Per_Call_Act_Code>
  <Block_CID_Act_Code ua="na"></Block_CID_Act_Code>
  <CID_Act_Code ua="na"></CID_Act_Code>
  <CID_Deact_Code ua="na"></CID_Deact_Code>
  <CWCID_Act_Code ua="na"></CWCID_Act_Code>
  <CWCID_Deact_Code ua="na"></CWCID_Deact_Code>
  <Dist_Ring_Act_Code ua="na"></Dist_Ring_Act_Code>
  <Dist_Ring_Deact_Code ua="na"></Dist_Ring_Deact_Code>
  <Modem_Line_Toggle_Code ua="na"></Modem_Line_Toggle_Code>
  <!-- Miscellaneous -->
  <Time_Zone ua="na">GMT+08:00</Time_Zone>
  <Daylight_Saving_Time_Rule ua="na"></Daylight_Saving_Time_Rule>

<!-- Line 1 -->
  <SIP_Port_1_ ua="na">5063</SIP_Port_1_>
  <Proxy_1_ ua="na">your-sip-proxy-server</Proxy_1_>
  <Register_Expires_1_ ua="na">300</Register_Expires_1_>
  <Display_Name_1_ ua="na">spa3k-line1</Display_Name_1_>
  <User_ID_1_ ua="na">your-sip-id</User_ID_1_>
  <Password_1_ ua="na">your-sip-pass</Password_1_>
  <Preferred_Codec_1_ ua="na">G729a</Preferred_Codec_1_>
  <Dial_Plan_1_
ua="na">(*xx|*0xx|[3469]11|0|00|[2-9]xxxxxx|1xxx[2-9]xxxxxxS0|xxxxxxxxxxxxxx.)</Dial_Plan_1_>
  <!-- Supplementary Service Subscription;resolving Feature Code on FreePBX conflicts -->
  <Call_Waiting_Serv_1_ ua="na">Yes</Call_Waiting_Serv_1_>
  <Block_CID_Serv_1_ ua="na">No</Block_CID_Serv_1_>
  <Block_ANC_Serv_1_ ua="na">No</Block_ANC_Serv_1_>
  <Dist_Ring_Serv_1_ ua="na">No</Dist_Ring_Serv_1_>
  <Cfwd_All_Serv_1_ ua="na">No</Cfwd_All_Serv_1_>
  <Cfwd_Busy_Serv_1_ ua="na">No</Cfwd_Busy_Serv_1_>
  <Cfwd_No_Ans_Serv_1_ ua="na">No</Cfwd_No_Ans_Serv_1_>
  <Cfwd_Sel_Serv_1_ ua="na">No</Cfwd_Sel_Serv_1_>
  <Cfwd_Last_Serv_1_ ua="na">No</Cfwd_Last_Serv_1_>
  <Block_Last_Serv_1_ ua="na">No</Block_Last_Serv_1_>
  <Accept_Last_Serv_1_ ua="na">NO</Accept_Last_Serv_1_>

```

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<DND_Serv_1_ua="na">No</DND_Serv_1_>
<CID_Serv_1_ua="na">Yes</CID_Serv_1_>
<CWCID_Serv_1_ua="na">Yes</CWCID_Serv_1_>
<Call_Return_Serv_1_ua="na">NO</Call_Return_Serv_1_>
<Call_Redial_Serv_1_ua="na">No</Call_Redial_Serv_1_>
<Call_Back_Serv_1_ua="na">No</Call_Back_Serv_1_>
<Three_Way_Call_Serv_1_ua="na">Yes</Three_Way_Call_Serv_1_>
<Three_Way_Conf_Serv_1_ua="na">Yes</Three_Way_Conf_Serv_1_>
<Attn_Transfer_Serv_1_ua="na">Yes</Attn_Transfer_Serv_1_>
<Unattn_Transfer_Serv_1_ua="na">Yes</Unattn_Transfer_Serv_1_>
<MWI_Serv_1_ua="na">Yes</MWI_Serv_1_>
<VMWI_Serv_1_ua="na">Yes</VMWI_Serv_1_>
<Speed_Dial_Serv_1_ua="na">No</Speed_Dial_Serv_1_>
<Secure_Call_Serv_1_ua="na">No</Secure_Call_Serv_1_>
<Referral_Serv_1_ua="na">Yes</Referral_Serv_1_>
<Feature_Dial_Serv_1_ua="na">Yes</Feature_Dial_Serv_1_>
<Service_Announcement_Serv_1_ua="na">No</Service_Announcement_Serv_1_>

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<!-- PSTN Line -->

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<!-- Network Settings -->

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<Network_Jitter_Level_2_ua="na">low</Network_Jitter_Level_2_>

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<Jitter_Buffer_Adjustment_2_ua="na">disable</Jitter_Buffer_Adjustment_2_>

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```

<!-- SIP Settings -->

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```

<SIP_Port_2_ua="na">5061</SIP_Port_2_>

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<!-- Proxy and Registration -->

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```

<Proxy_2_ua="na"></Proxy_2_>

```

```

<Make_Call_Without_Reg_2_ua="na">yes</Make_Call_Without_Reg_2_>

```

```

<Ans_Call_Without_Reg_2_ua="na">yes</Ans_Call_Without_Reg_2_>

```

```

<Register_Expires_2_ua="na">300</Register_Expires_2_>

```

```

<!-- Subscriber Information -->

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```

<Display_Name_2_ua="na"></Display_Name_2_>

```

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<User_ID_2_ua="na"></User_ID_2_>

```

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<Password_2_ua="na"></Password_2_>

```

```

<!-- Audio Configuration -->

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<Preferred_Codec_2_ua="na">G729a</Preferred_Codec_2_>

```

```

<Silence_Supp_Enable_2_ua="na">no</Silence_Supp_Enable_2_>

```

```

<Echo_Canc_Enable_2_ua="na">yes</Echo_Canc_Enable_2_>

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```

<Echo_Canc_Adapt_Enable_2_ua="na">yes</Echo_Canc_Adapt_Enable_2_>

```

```

<Echo_Supp_Enable_2_ua="na">yes</Echo_Supp_Enable_2_>

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<DTMF_Process_INFO_2_ua="na">yes</DTMF_Process_INFO_2_>

```

```

<DTMF_Process_AVT_2_ua="na">yes</DTMF_Process_AVT_2_>

```

```

<DTMF_Tx_Method_2_ua="na">Auto</DTMF_Tx_Method_2_>

```

```

<!-- Dial Plans -->

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```

<Dial_Plan_1_2_ua="na">(xx.)</Dial_Plan_1_2_>

```

```

<Dial_Plan_2_2_ua="na">(xx.)</Dial_Plan_2_2_>

```

```

<!-- VoIP-To-PSTN Gateway Setup -->

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```

<VoIP-To-PSTN_Gateway_Enable_2_ua="na">yes</VoIP-To-PSTN_Gateway_Enable_2_>

```

```

<VoIP_Caller_Auth_Method_2_ua="na">none</VoIP_Caller_Auth_Method_2_>

```

```

<VoIP_PIN_Max_Retry_2_ua="na">3</VoIP_PIN_Max_Retry_2_>

```

```

<One_Stage_Dialing_2_ ua="na">yes</One_Stage_Dialing_2_>
<Line_1_VoIP_Caller_DP_2_ ua="na">1</Line_1_VoIP_Caller_DP_2_>
<VoIP_Caller_Default_DP_2_ ua="na">1</VoIP_Caller_Default_DP_2_>
<Line_1_Fallback_DP_2_ ua="na">none</Line_1_Fallback_DP_2_>
<!-- PSTN-To-VoIP Gateway Setup -->
<PSTN-To-VoIP_Gateway_Enable_2_ ua="na">yes</PSTN-To-VoIP_Gateway_Enable_2_>
<PSTN_Caller_Auth_Method_2_ ua="na">none</PSTN_Caller_Auth_Method_2_>
<PSTN_Ring_Thru_Line_1_2_ ua="na">yes</PSTN_Ring_Thru_Line_1_2_>
<PSTN_PIN_Max_Retry_2_ ua="na">3</PSTN_PIN_Max_Retry_2_>
<PSTN_CID_For_VoIP_CID_2_ ua="na">no</PSTN_CID_For_VoIP_CID_2_>
<PSTN_CID_Number_Prefix_2_ ua="na"></PSTN_CID_Number_Prefix_2_>
<PSTN_Caller_Default_DP_2_ ua="na">1</PSTN_Caller_Default_DP_2_>
<Off_Hook_While_Calling_VoIP_2_ ua="na">no</Off_Hook_While_Calling_VoIP_2_>
<Line_1_Signal_Hook_Flash_To_PSTN ua="na">Disabled</Line_1_Signal_Hook_Flash_To_PSTN>
<PSTN_CID_Name_Prefix_2_ ua="na"></PSTN_CID_Name_Prefix_2_>
<!-- FXO Timer Values (sec) -->
<VoIP_Answer_Delay_2_ ua="na">0</VoIP_Answer_Delay_2_>
<VoIP_PIN_Digit_Timeout_2_ ua="na">10</VoIP_PIN_Digit_Timeout_2_>
<PSTN_Answer_Delay_2_ ua="na">16</PSTN_Answer_Delay_2_>
<!-- International Control -->
<SPA_To_PSTN_Gain_2_ ua="na">0</SPA_To_PSTN_Gain_2_>
<PSTN_To_SPA_Gain_2_ ua="na">0</PSTN_To_SPA_Gain_2_>
<!-- FXO Timer Values (sec) -->
<PSTN_Answer_Delay_2_ ua="na">3</PSTN_Answer_Delay_2_>
<!-- PSTN Disconnect Detection -->
<Detect_CPC_2_ ua="na">no</Detect_CPC_2_>
<Detect_Polarity_Reversal_2_ ua="na">no</Detect_Polarity_Reversal_2_>
<!-- International Control -->
<FXO_Port_Impedance_2_ ua="na">220+820||120nF</FXO_Port_Impedance_2_>
<SPA_To_PSTN_Gain_2_ ua="na">1</SPA_To_PSTN_Gain_2_>
<PSTN_To_SPA_Gain_2_ ua="na">6</PSTN_To_SPA_Gain_2_>

```

</flat-profile>

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<Daylight_Saving_Time_Rule ua="na">start=4/1/7;end=10/-1/7;save=1</Daylight_Saving_Time_Rule>

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????	XML ??
?	?amp;
< (??)	?lt;
> (??)	?gt;
' (???)	?apos;

" (???)	?quot;
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?? Dial Plan: (S0 <:18005551212>)?XML ???????

```
<Dial_Plan_2_2_ua="na">  
  ( S0 &lt;:18005551212&gt; )  
</Dial_Plan_2_2_>
```

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- [spaconf](#)