

Firmware Version: 1.0.1.3

Release Notes for -- Linksys SPA400

SPA400 -- 4 port FXO gateway with Voice Mail

Copyright (C) 2008 by Linksys, a Division of Cisco Systems, Inc.

All Rights Reserved.

```
* * * * * IMPORTANT * * * * *
* Use of Proprietary Information and Copyright Notice: *
* This release note document contains proprietary information *
* that is to be used only by Sipura Technology, Linksys(R), *
* and Cisco Systems, Inc. customers. Any unauthorized *
* disclosure, copying, distribution, or use of this *
* information is prohibited. This restriction includes *
* ALL Internet based discussion forums, e.g. DSLreports. *
* * * * *
```

```
=====
Bug Fixes
=====
```

-- since 1.0.1.1 --

1. If Caller ID method is set to "UK" or those 3 types of DTMF, SPA400 can make outgoing calls now.
Related defect - CSCsm63207
2. CID method can be changed from "UK" or 3 types of DTMF to other CID methods now.
Previously, this will cause SPA400 to reboot and the change is always not successful.
Related defect - CSCsm63230
3. Malformed caller ID handling is extended. Now all characters except alpha and digit will be replaced by a space.
Related defect - CSCsm29091
4. An error of syslog client is corrected. Syslog client will stop itself if a message longer than 512 bytes is encounter. Now, syslog client will truncate a message longer than 512 bytes to 511 bytes, and keep on running.
Related defect - CSCsm29583
5. SPA9000 can register to SPA400 when the SPA9000 interface on SPA400 is set to "Static Address".
Related defect - CSCsf11415
6. Some voicemail menu behavior is corrected.
Related defect - CSCsm31856
7. On "Voice" page, if "Battery Reversal as disconnect signal" is chosen, SPA400 is

able to accept incoming calls normally.

NOTE: If you are currently using this method, please do the following steps to activate this step.

- 1) Open SPA400 web page, go to "Setup" - "Voice" page.
- 2) Select "Loop period shut-down as disconnect signal", save,
- 3) Select "Battery reversal as disconnect signal", save again.

=====
New Features
=====

-- since 1.0.1.1 --

1. Now SPA400 is able to initial voicemail when USB is inserted after the box boot up. Before this, SPA400 will only do a voicemail module initialization on start up; If the USB is missing, SPA400 won't be able to finish the required initialization and voicemail is un-usable.
Now, SPA400 will keep trying to initial the voicemail module every 10 seconds,
if the VM is not yet initialized.
Related defect - CSCsm45115
2. While recording VM message, SPA400 is able to detect DTMF signal on FXO port.
This enables caller to terminate the recording using the '#' key.
3. After VM message playback, user can review the caller number from "message eventlog".
Related defect - CSCsi83764
4. Added CID & CP Tone Method DTMF(Finland, Sweden).
Related defect - CSCsm63207 CSCsm63230

=====
Changes
=====

-- since 1.0.1.1 --

1. FXO Port ID is appended to CID of incoming calls. This feature can be disabled
using special port ID.
Fill in "OFF1" turn off this feature on FXO port 1;
Fill in "OFF2" turn off this feature on FXO port 2;
2. Download file to USB feature is deleted.
Related defect - CSCsm41019

Fill in "OFF3" turn off this feature on FXO port 3;
Fill in "OFF4" turn off this feature on FXO port 4;
Related defect - CSCsl94266

3. In "Voicemail Server" page, the redundant parameter "SPA9000 User ID" is deleted.

4. Default values Changes

1) "voice" page:

"Minimum period for disconnect signal", from "750"ms to "230"ms

"Call Signaling Packets", from "0x07" to "0x68"

"RTP Packets", from "0xb0" to "0xb8"

"Preferred Codec", from "G.729" to "G.711U";

"Packetization", all changed to "30ms";

"VAD", all changed to "OFF";

2) "Voicemail Server" page: "SPA9000 Subscribe ID", from "" to "8888"

3) "SPA9000 Interface" page:

"SPA9000 Address", from "Static Address" to "Discover Automatically"

"User ID", from "demo" to "9000"

Related defect - CSCsm62798

14. On "Voice" tag, "Coder" is all changed to "Codec".

3. Debug logging on web page is removed for better performance of SPA400.

All logging to be sent to an external syslog server.

4. Syslog Server setting is moved to "Setup" page.