# Release Notes for SRP520 Series Services Ready Platforms Software Version 1.01.29

**Version: 1.01.29**
**Part Number: 78-21224-01**

# Contents

These Release Notes describe the open and resolved issues with the **SRP520 Series Services Ready Platforms (SRP521W, SRP526W, SRP527W)** software version **1.01.29**, and includes the changes since version 1.01.27.

This document includes the following topics:

- New Features
- Limitations and Restrictions
- Open Issues
- Resolved Issues
- Related Information

# New Features

The following new features and enhancements were added to software version 1.01.29.

- Increased maximum VPN server user to 25
- Updated voice module to 1.0.13(20120821s).
- Added support for the following USB modems:
    - Huawei E398 (HSPA+/LTE)
    - Huawei K3771, K3773, K4511, K4605 (HSPA)

For the complete list of modems that are compatible with the SRP, see the Mobile Broadband USB Modem Compatibility Matrix at: www.cisco.com/go/srp500resources.

**Cisco Systems, Inc.**
www.cisco.com

# Limitations and Restrictions

These are the limitations and restrictions for the SRP520 Services Ready Platforms. These are known limitations that may not be fixed or have a workaround.

- The FXS interface is unable to send packets directly to a LAN side IP phone, resulting in 1-way audio from the IP phone to the FXS interface.

  The workaround is to enable SIP ALG on the SRP. On the LAN side IP phone, set **<NAT Mapping Enable> = no** on its **Ext** tab. (CSCti44955)

- After changing the remote IP address for the IPSec policy from the *VPN > IPSec Policy* page, the SRP is unable to reconnect to the VPN tunnel.

  The workaround is to disable and then re-enable the VPN tunnel. (CSCtj37034)

- Cisco VPN Server does not support multiple VPN sessions behind NAT.

  There is no workaround. (CSCtj78119)

- Silent audio on a call placed between the ATA's FXS1 and FXS2 interfaces. This problem occurs when the ATA is added to the SRP's LAN side, and SIP ALG is enabled on the SRP.

  The workaround is to disable SIP ALG and use a port forwarding rule for the ATA's NAT traversal instead. (CSCtl50573)

- Call placed between an ATA phone (configured with remote ringback) and the SRP results in 1-way audio. This problem occurs when SIP ALG is enabled on the SRP, and no port forwarding rules are configured.

  The workaround is to disable SIP ALG and use a port forwarding rule for NAT traversal instead. (CSCtl55029)

- When running over rate traffic, the SRP drops the DSL connection. This problem occurs when using an Alcatel R4 DSLAM module.

  There is no workaround. (CSCtn18298)

- FXS1 port can relay to the FXO port during a power outage and establish a PSTN call, but the call is dropped when re-registering to the proxy.

  There is no workaround. (CSCtn91639)

- SIP attack causes latency and bad voice quality.

  The workaround is to restrict Source IP from the *Voice > Line 1-2 > SIP Setting* page. Select **yes** for Restrict Source IP. (CSCto75874)

- RIP is disabled after modifying the RIP values and clicking **Submit** from the *Network Setup > Routing > RIP* page.

  The workaround is to enable the desired interface from the RIP list and click **Submit** first before changing the values. (CSCtr63526)

- LAN side host obtains TFTP server address through DHCP option 66, even though the DSL WAN interface does not provide it. (CSCtx90063)

- SRP not working with the Pantech UML290 USB Dongle modem.

  Ensure that the modem is working properly on the computer and has the latest firmware installed. The modem firmware can be updated though the PC or MAC connection utility. (CSCty85806)

- GRE tunnel cannot be established if the Remote IP/Subnet Mask is set to: 192.168.16.100/24.

  The workaround is to enter the subnet address so that it matches the mask bits, for example 192.168.16.0/24 (CSCtz26752)

- IP Phone ignores the default voice route rule. This problem occurs when the default voice route is changed to subinterface WAN101 and the IP phone is set up to register to the WAN side of the SIP server.

  There is no workaround. (CSCtz70465)

# Open Issues

The following table lists the open issues in software version 1.01.29:

*Table 1       Open Issues in Version 1.01.29*

| Ref Number | Description |
|---|---|
| CSCtl21714 | FXO not working properly when the WAN (Internet) is disconnected. |
| CSCti04358 | Inbound T.38 fax calls to the SRP frequently fail. |
| CSCto05295 | When the SRP dials *99+ (callee ID) and places a modem call, it advertises all supported codecs (g711u, g729, g711a, and g726-32). |
| CSCtq53805 | SRP fails to transfer a file though a modem call connection. This occurs when the transfer connection exceeds the error limits or connection timeout. |
| CSCtt12885 | Wireless performance degrades over time when multiple iPads are associated to the SRP. |
| CSCtz47718 | When a call is placed between the FXS1 and FX2 interface, the FXS interface cannot receive Music on Hold. |
| CSCtz59632 | DMTF tone and signals are incorrectly received when the DMTF TX method is set to either AVT or Info, and DMTF TX Mode is set to either Strict or Normal from the *Voice > Line > Audio Configuration* page |

# Resolved Issues

The following issues were resolved since software version 1.01.27.

*Table 2       Resolved Issues since Version 1.01.27*

| Ref Number | Description |
|---|---|
| CSCud51942 | Route throughput and performance declines when using 1.2.5 firmware. |
| CSCue06424 | When SRP is put through TR-69 interop testing with an ACS vendor, it brings up errors. |
| CSCud08571 | SRP521 and SRP521-U blocks incoming SIP messages from alternative proxy. |
| CSCub73349 | The current profile rule download logic performs only a single download attempt every Resync Error Retry Delay period, resulting in varios errors. Ideally the download process should be more robust in the event of potentially transient failures such as TCP errors. |
| CSCtz36035 | The SRP's Line 2 LED flashes when it obtains a phone number. This occurs when Line 2 is registered to the SIP proxy. |
| CSCue13998 | When customer inserts Sierra Wireless 313u USB modem, the device fails to initialize. |

# Related Information

*Table 3        Related Information for Small Business*

| Support | |
|---|---|
| Cisco Small Business Support Community | www.cisco.com/go/smallbizsupport |
| Online Technical Support and Documentation (Login Required) | www.cisco.com/support |
| Cisco Small Business Support and Resources | www.cisco.com/go/smallbizhelp |
| Phone Support Contacts | www.cisco.com/go/sbsc |
| **Software** | |
| Software Downloads | www.cisco.com/go/srp500<br><br>Click the Download Software link. |
| Open Source Documentation | www.cisco.com/en/US/products/ps10500/prod_release_notes_list.html |
| **Product Documentation** | |
| Cisco Services Ready Platform 500 Series for Small Business | www.cisco.com/go/srp500 |
| Regulatory Compliance and Safety Information | www.cisco.com/en/US/products/ps10500/prod_installation_guides_list.html |
| **Cisco Small Business** | |
| Cisco Partner Central for Small Business (Partner Login Required) | www.cisco.com/web/partners/sell/smb |
| Cisco Small Business Home | www.cisco.com/smb |
| Marketplace | www.cisco.com/go/marketplace |