SMART/RG®

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/SOFTWARE RELEASE NOTES

Release 2.6.1.1

Relevant Model:
SR515ac

Release 2.6.1.1

June 30, 2016

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DOCUMENT HISTORY

VERSION	DATE	AUTHOR	DESCRIPTION
1.0	12/30/14	Adam Fox	Document Creation
1.1	5/25/16	David La Cagnina	Layout Modified
1.2	6/30/16	Kurt Diekemper	Updated minimal info & review

Notice of Document Integrity

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SW REVISION SUMMARY

Version 2.6.1.1 is released in support only for the SR515ac. There are no known open issues with this release.

SW REVISION	DSP PHY/XDSL LINE DRIVER	CFE BOOTLOADER	WIRELESS DRIVER VERSION	DATE
2.6.1.1	A2pv6F039v.d26k1 (SR515ac)	1.0.38-118.3	7.14.131.1608	6/27/16
2.5.0.11	A2pG038i.d25d (SR360n) A2pD038f.d25d (SR350N) A2pv6C039b.d25d (SR500N) A2pv6F039j.d25d (SR505n/SR510n) A2pvbF039j.d25d (SR550n/SR552n)	1.0.38-114.185	6.30.163.23	5/25/16
2.5.0.10	A2pG038i.d25d (SR360n) A2pD038f.d25d (SR350N) A2pv6C039b.d25d (SR500N) A2pv6F039j.d25d (SR505n/SR510n) A2pvbF039j.d25d (SR550n/SR552n)	1.0.38-114.185	6.30.163.23	12/22/15
2.5.0.9	A2pG038i.d25d (SR360n) A2pD038f.d25d (SR350N) A2pv6C039b.d25d (SR500N) A2pv6F039j.d25d (SR505n/SR510n) A2pvbF039j.d25d (SR550n/SR552n)	1.0.38-114.185	6.30.163.23	10/1/15
2.5.0.8	A2pG038i.d25d (SR360n) A2pD038f.d25d (SR350N) A2pv6C039b.d25d (SR500N) A2pv6F039j.d25d (SR505n/SR510n) A2pvbF039j.d25d (SR550n/SR552n)	1.0.38-114.185	6.30.163.23	6/26/15
2.5.0.7	A2pG038i.d25d (SR360n) A2pD038f.d25d (SR350N) A2pv6C039b.d25d (SR500N) A2pv6F039j.d25d (SR505n/SR510n) A2pvbF039j.d25d (SR550n/SR552n)	1.0.38-114.185	6.30.163.23	5/19/15
2.5.0.6	A2pG038i.d25d (SR360n) A2pD038f.d25d (SR350N) A2pv6C039b.d25d (SR500N) A2pv6F039j.d25d (SR505n/SR510n) A2pvbF039j.d25d (SR550n/SR552n)	1.0.38-114.185	6.30.163.23	12/30/14
2.5.0.5	A2pG038i.d25d (SR360n) A2pD038f.d25d (SR350N)	1.0.38-114.185	6.30.163.23	10/10/14

SW REVISION	DSP PHY/XDSL LINE DRIVER	CFE BOOTLOADER	WIRELESS DRIVER VERSION	DATE
	A2pv6C039b.d25d (SR500N)			
	A2pv6F039j.d25d (SR505n/SR510n)			
	A2pvbF039j.d25d (SR550n/SR552n)			
2.5.0.4	A2pG038i.d25d (SR360n)	1.0.38-114.185	6.30.163.23	7/7/14
	A2pD038f.d25d (SR350N)			
	A2pv6C039b.d25d (SR500N)			
	A2pv6F039j.d25d (SR505n/SR510n)			
	A2pvbF039j.d25d (SR550n/SR552n)			
2.5.0.3	A2pG038i.d25d (SR360n)	1.0.38-114.185	6.30.163.23	6/6/14
	A2pD038f.d25d (SR350N)			
	A2pv6C039b.d25d (SR500N)			
	A2pv6F039j.d25d (SR505n/SR510n)			
	A2pvbF039j.d25d (SR550n)			
2.5.0.2	A2pG038i.d25 (SR360n)	1.0.38-114.185	6.30.163.23	4/18/14
	A2pD038f.d25 (SR350N)			
	A2pv6C039b.d25 (SR500N)			
	A2pv6F039b.d25 (SR505n/SR510n)			
	A2pvbF038n.d25 (SR550n)			
2.5.0.1	A2pD038f.d24m (SR350N)	1.0.38-114.70	6.30.102.7	12/19/13
	A2pG038i.d24m (SR360n)			
	A2pv6C039b.d24m (SR500N)			
	A2pv6F039b.d24m (SR505n/SR510n)			
	A2pvbF038n.d24m (SR550n)			
2.4.4.6	A2pD035j.d24a (SR350N)	1.0.38-112.70	5.100.138.2001	8/26/2013
	A2pv6C035j.d24a (SR500N)			
	A2pv6F037a.d24a (SR505n)			
2.4.4.5	A2pD035j.d24a (SR350N)	1.0.38-112.70	5.100.138.2001	6/5/2013
	A2pv6C035j.d24a (SR500N)			
	A2pv6F037a.d24a (SR505n)			
2.4.4.4	A2pD035j.d24a (SR350N)	1.0.37-106.24	5.100.138.2001	11/12/2012
	A2pv6C035j.d24a (SR500N)			
2.4.4.3	A2pD035j.d24a (SR350N)	1.0.37-106.24	5.100.138.2001	10/11/2012
	A2pv6C035j.d24a (SR500N)			
2.4.4.2	A2pD035j.d24a (SR350N)	1.0.37-106.24	5.100.138.2001	7/30/2012
	A2pv6C035j.d24a (SR500N)			

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2.4.3.7	A2pD030n.d23c (SR350N) A2pv6C032a.d23c (SR500N)	1.0.37-106.24	5.60.120.11	5/31/2012
2.4.3.6	A2pD030n.d23c (SR350N) A2pv6C032a.d23c (SR500N)	1.0.37-106.24	5.60.120.11	4/26/2012

COMPATIBILITY/SYSTEM NOTES

IGMP Snooping Definitions:

- Standard Mode - in standard mode, if multicast traffic is present on a LAN port but no membership report (join) was received, the traffic will flood to all ports. If a membership report was received, multicast traffic will be forwarded only to the LAN ports on which the IGMP membership reports arrived.

- Blocking Mode - in blocking mode, multicast traffic will be blocked from all ports until such time a report is received.

If IGMP snooping is disabled, the CPE floods multicast packets to all its ports. IGMP Snooping is disabled by default.

This software supports Physical Layer Retransmission (PhyR) which operates at layer 1 and uses a mechanism similar to TCP where retransmits occur if errors are detected. This results in high effective INP with minimal interleave delay. Sync rate increases from 2 to 4Mbps have been reported in addition to the line being more robust and resistant to noise/interference generated from treadmills, ceiling fans, etc. PhyR is disabled by default but can be enabled in the DSL menu.

Wireless is enabled by default with SSID = SmartRGxxxx (x = last four characters of base MAC). Wireless security is Mixed WPA2/WPA-PSK, a randomized 10-digit hexadecimal passphrase, Group Rekey interval = 0 and encryption = AES.

Included PBCA Features:
- Control Panel
- Content Filtering
- Time Blocking
- Captive Portal
- Connect and Surf
- STUN and UDP Connection Request
- Advanced Connected Device Monitor
- Bandwidth Monitor
- WiFi Performance Monitor
- Dynamic Content Filtering

Prior FW Releases
Contact SmartRG support for the release notes for prior firmware releases.

FW UPGRADE PROCEDURE

Upgrade Firmware

1. Open a web browser, connect to 192.168.1.1/admin, and log in with username **admin** and password **admin** (or customer specific IP address and login info).
2. In the left navigation menu, click **Management** and then click **Update Software**.
3. Click **Browse**.
4. Locate and select the appropriate firmware image.
5. Click **Update Software**. The image will be uploaded to the device and the device will automatically reboot upon completion.

Verify

1. After the device reboots (~5 minutes), press the F5 key to refresh your browser and reconnect to 192.168.1.1/admin.
2. Log back into the device.
3. Verify the version information in the **Software Version** field.

Restore Defaults

1. In the left navigation menu, click Management and then click **Settings**.
2. Click **Restore Default** and confirm. The restore defaults operation takes about 30 seconds, then the device reboots.

CUSTOM DEFAULTS

The Custom Defaults feature allows the importation of a set of defaults to the gateway that will be restored when the **Restore Default Settings** is activated. This set of defaults can be defined and updated via the GUI, CLI or CWMP support of the gateway.

To create a set of Custom Default settings, configure the gateway as required. Click the **Backup Running Configuration** button on the Backup Settings page to upload a configuration file from the gateway. After the file is uploaded, go to the Update Settings page, choose the file and click the **Update Working Settings** button to download the file to the gateway. The gateway will use the downloaded settings as the custom default whenever the **Restore Default Settings** operation is invoked.

TECH SUPPORT

CPE Issues

Submit a ticket using our Customer Portal at https://smartrg.atlassian.net

RMAs

Open a Customer Portal ticket with description "RMA" and attach a spreadsheet which includes Model, MAC address, Issue, and Firmware version.

Firmware

Login to the Customer Portal to download firmware.

Additional Contact Info

Phone: +1 360 859 1780, Option 4 Hours: 5am –5pm PST (UTC-0800) Email: support@smartrg.com