



Rugged Wireless v1.7 Release Notes

November 13, 2009

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Overview

Rugged Wireless™ v1.7 offers improves existing functionality. It also fixes some problems found in previous versions.

- This firmware release supports WLAN daughter card.
- Build date: Friday, November 13, 2009

User Guides

All user Guides are available from the RuggedCom Web site at www.RuggedCom.com.



Changes In v1.7 (2305)

Fixed Access Point (AP) “suppressing” SSID

Type: Major
Products: RS900W, RS910W, RS920W, RS930W
ID: 1906

The problem reported was that the client was able to see the Access Point (AP) SSID, even though the "Suppress SSID" was set to "Enable" on the AP side. It is acceptable that if the client knows the AP's SSID, and actually sets up its SSID to be the same as the AP's SSID, it should be able to “see” the AP's SSID, no matter whether the AP's SSID is suppressed or not. However if the client does not have knowledge of the AP's SSID and the AP is configured to hide its SSID, then the client should not be able to discover the AP's SSID. This has been fixed.

Fixed unable to set (fixed) wireless data rate

Type: Major
Products: RS900W, RS910W, RS920W, RS930W
ID: 1691

The problem reported was with an Access Point (AP) and Client Bridge setup, with both throttled down to 2 MB/s speed. In the association menu the AP is showing 2MB connection speed but the Client Bridge is showing a speed of 54 MB/s. This has been fixed.



Upgrade Instructions

Please see "RS900W-UpgradeGuide.pdf" for details.

Firmware Version Numbering System

Rugged Wireless has a two digit version numbering system of the form X.Y where each digit is a number starting from zero. The 'X' digit is incremented for a major functional updates of the product. The 'Y' digit is incremented for a minor functional updates, bug fixes, cosmetic enhancements and other minor issues of the product.

It is RuggedCom's policy to provide Web access to only the latest 'patch' release for a version of firmware. If you decide that an upgrade is merited, then getting all the fixes only makes sense. It is for this reason that release notes are created detailing all patches for a given functional version.



Type of Changes

Each change to the firmware is categorized according to the table below to provide a guide as to whether the change justifies upgrading. As well, each change lists an internal RuggedCom change number.

Change Type	Description
Critical	Critical changes fix problems that prevent the basic operation of the device and have no workaround. Any critical changes merit a device upgrade under all circumstances.
Major	Major changes fix problems that prevent the basic operation of the device but do have a workaround. Any major changes merit a device upgrade if the workaround is not acceptable.
New Feature	New features add significant new capability to the device. Such changes may change the basic operation of the device, the user interface, and how the device is configured. New features only merit a device upgrade if the feature is required.
Enhancement	Enhancements improve existing device capability and do not significantly change the basic operation of the device, the user interface, or how the device is configured. Enhancements only merit a device upgrade if the feature is required.
Minor	Minor changes fix non-vital problems that may or may not have a workaround. Minor changes do not necessarily merit a device upgrade unless the specific problem applies.
Cosmetic	Cosmetic changes have negligible impact on device operation and include such updates as spelling mistakes, user interface adjustments, and help text improvements. Cosmetic changes rarely merit a device upgrade.

Contacting RuggedCom

For further information on this release or technical support of any nature, please contact RuggedCom at the

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