

Release Notes *Release 4.3.0.0.110*

Version 1.0

February 8, 2008



1. Introduction

This release notes describes the initial General Release of Software of Metro Broadband Gateway products. The software version is:

- Release 4.3.0.0.110

2. Supported Platforms

Release 4.3 is supported on the following platforms

- MetroFlex MM2211-NG (Single Port Metro Broadband Gateway)
- MetroFlex MM2225-NG (Five Port Metro Broadband Gateway)
- MetroFlex MM2211-EXT (Single Port Metro Broadband Gateway with external antenna connector)

Note that the same software can be loaded on any of the platform above.

The following first generation MetroFlex products are not supported by the Release 4.3

- MetroFlex MM2211
- MetroFlex MM2211-ST
- MetroFlex MM2211-DZ

3. Features

The Release 4.3 is a new software version for the Metro Broadband Gateway, while it contains many of the basic functionality available on the first generation Metro Broadband Gateway (MM2211-DZ and MM2211-ST), the new platform contains additional capability such as those listed below (for detailed descriptions of these features, please refer to the User Manual):

- Always Up Wireless Gateway – when the WAN wireless goes down, the LAN wireless network is maintained up to allow the operation of 'home wireless network'. This feature is available when the Metro Broadband Gateway is configured in Route mode.
- Dual Zone with Bridge and Routed Modes – Dual zone operates in both Bridge and Route Mode. The user can configure the proper mode from the WebUI.
- Setup Wizard for ease of configuration – allow simple click and configure for three common types of deployment scenarios.
- Comprehensive troubleshooting statistics
 - Per station SNR, throughput, packet error rate
- Secured Remote Management (SNMP, SSH, HTTPS)
- Preferred BSSID (preferred and locked modes) – to allow setting of the BSSID for the Metro Broadband Gateway to associate to.
- Tunnel Mode using L2TP – This feature is useful for Metro Hot Spot applications that require MAC based authentication
- Service Provider customizable defaults to allow a preset of the factory default parameters

4. Limitations

The following limitations exist in the Release 4.3 and workarounds, if any, are provided.

4.1. Metro AP Interoperability

The Metro Wi-Fi network is composed of many different devices. Ruckus CPE has been tested with the following list of APs, while operating in both BRIDGE and ROUTE mode. Note the limitations of some of the AP's during the tests.

Metro AP	Ruckus in Route Mode	Ruckus in Bridge Mode
Tropos	Pass	Pass
BelAir	Pass	Pass
SkyPilot	Pass	Pass
Cisco	Limitation ¹	Do Not Interoperate ²
Motorola	Pass	Pass
Nortel	Pass	Do Not Interoperate ²
Ruckus 2825	Pass	Pass

1. Metro Broadband Gateway (in route mode) performance is not optimized when connecting to Cisco's AP.

2. Metro Broadband Gateway in Bridge Mode does not connect to this specified Metro AP.

- 4.2. Metro Broadband Gateway supports a Fragmentation Threshold of 2346 which cannot be changed
- 4.3. Selecting WPA for Metro WLAN security setting will disallow configuration of WEP key indexes 2 and 3 on the Home WLAN security
- 4.4. Smart Wizard Configuration – when hitting the RELOAD the LIST to rescan for the AP, the user should wait for some time until the page reloads before hitting the RELOAD the LIST button again. If the security settings do not appear immediately, the user should hit the browser REFRESH button (Bug ID 3260)
- 4.5. Smart Wizard Configuration is not able to detect suppressed SSID (Bug ID 3302). The user needing to connect to suppressed SSID should configure from the normal WebUI configuration menu