MGOS 4.2.3 Release Notes

MGOS 4.2.3 is for MG90 Series routers.

Upgrade Requirements

MGOS 4.2.3 can be installed:

- Directly via USB stick, or
- As an over-the-air upgrade subject to the requirements below
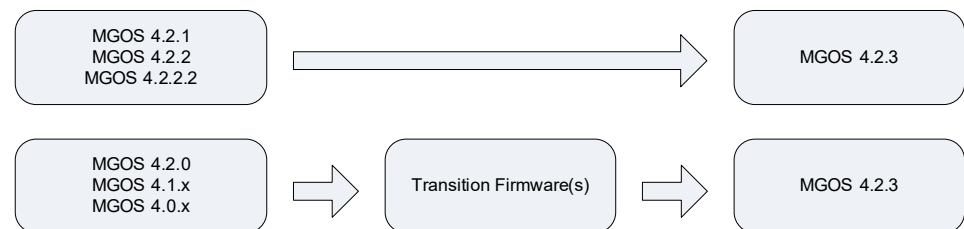
AMM Over-The-Air Upgrade Requirements

- OTA upgrades must be performed by AMM 2.16 or newer

Important: *Upgrading using older AMM versions will result in MGOS firmware upgrade failures, and can require a USB-stick install to recover. For more information, refer to* Product Bulletin: AMM 2.16 Prerequisite to MG90 firmware upgrade.

The following requirements must be met if using AMM to upgrade the MG90 OTA:

- MG90s containing two different Sierra Wireless Modules (e.g. MC7354+MC7455, MC7455+EM7511, etc.)—Make sure a SIM is inserted for at least one of the radio modules prior to performing the upgrade. For more information, refer to the AirLink MG90 Software Configuration Guide topic "Installing Software Updates".
- Upgrade path—A minimum version of MGOS 4.2.1 is required to upgrade directly to this release. For MG90s installed with MGOS 4.2.0 (or earlier), transition releases are required before upgrading to this release. The required transition releases depend on the MG90's currently installed firmware.

  To identify the transition firmware required, refer to Product Bulletin: Upgrading to MGOS 4.2 or Later—Updated 26 Nov 2018.

  MGOS 4.2.1
  MGOS 4.2.2
  MGOS 4.2.2.2 → MGOS 4.2.3

  MGOS 4.2.0
  MGOS 4.1.x
  MGOS 4.0.x → Transition Firmware(s) → MGOS 4.2.3

Important: *"Transition Firmware(s)" (MGOS 4.1.2.2 and MGOS 4.2.0.2) are only intended as stepping-stone firmware in the upgrade path to MGOS 4.2.3 and are not intended for long-term use. Failure to install the required transition firmware prior to upgrading to MGOS 4.2.3 via the AMM will result in an upgrade failure, and can require a USB-stick install to recover.*

Addressed Issues

Software Upgrade

Resolved issue that could cause USB upgrade failure when MG90 storage is full due to large log files, etc.

Radio Module

Updated module firmware:
- EM7511—01.07.02.00 (Generic, AT&T)

Wi-Fi

Upgraded Wi-Fi drivers and Wi-Fi module firmware to improve stability and reliably support up to 128 clients.

VPN

Resolved timing issue that could prevent VPN from automatically reconnecting while WAN link switching occurs.

Connectivity

Resolved issues with intermittent cellular connection drops to improve network connection stability.

GPS

Resolved issue that could cause GPS to stop reporting location after losing satellite fixes for an extended period.

Sierra Wireless Contact Information

Sales information and technical support, including warranty and returns:

Web: sierrawireless.com/company/contact-us/

Global toll-free number: 1-877-687-7795

Corporate and product information: sierrawireless.com