

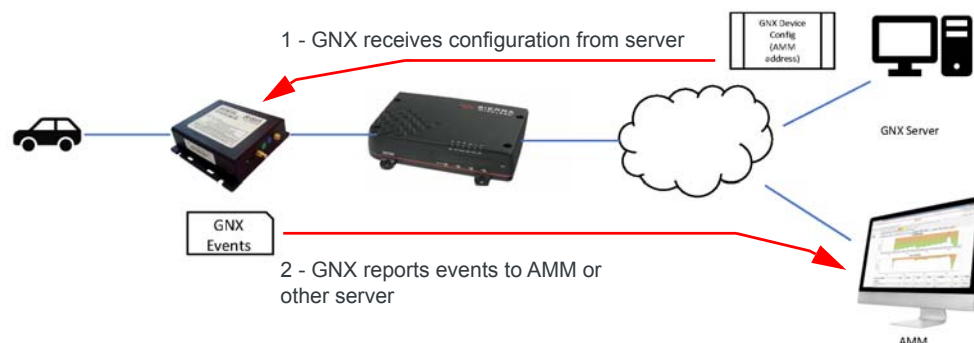
Configuring MG90 for GNX-6 Companion

APPLICATION NOTE

This document describes how to configure an AirLink MG90 to support GNX-6 Companion (SKU 1104242) functionality. You may wish to configure GNX-6 Companion and the AirLink MG90 prior to installing them in their final location. For installation instructions, see the application note *Installing GNX-6 Companion* (document number 41114125, available at [the Sierra Wireless Source](#)).

Introduction

The AirLink MG90 can act as a connection gateway for a GNX-6 Companion device, allowing the GNX-6 Companion to use the MG90's WAN connection (via the MG90's GNX-6 Companion Application) instead of its own modem or other external modems. The MG90 must be running MGOS 4.3 or later.

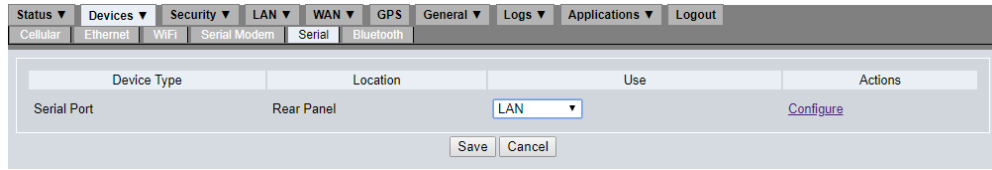


The GNX-6 Companion device uses this connection to report data to AMM or any GNX-compatible data server. If the GNX-6 Companion is to report to AMM, the configuration must be set up as required by AMM. For assistance, contact Sierra Wireless support.

Configuring MG90 for GNX-6 Companion

Configuring the MG90 serial port:

1. Log in to the MG90 Local Configuration Interface (LCI), as described in the [MG90 Software Configuration Guide](#).
2. On the Devices tab, go to Serial.
3. Set the MG90's serial port for use as a LAN. This creates a LAN segment named "Serial LAN".



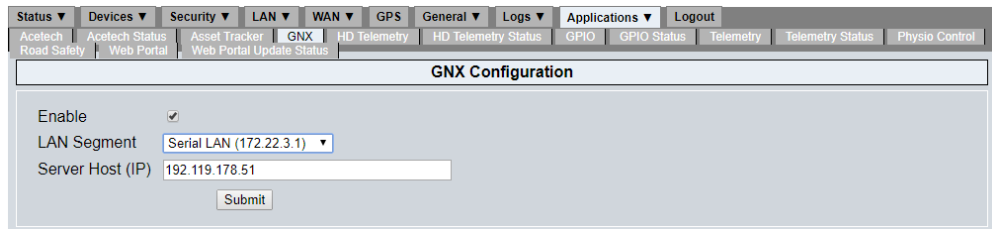
4. The serial port configuration defaults to the settings intended for the GNX-6 Companion device. Click **Configure** to adjust the serial port's Baud Rate and Flow Control, if necessary. See "Configuring the Serial LAN Segment" in the [MG90 Software Configuration Guide](#) for details.
5. Click **Save**.

Configuring the GNX application:

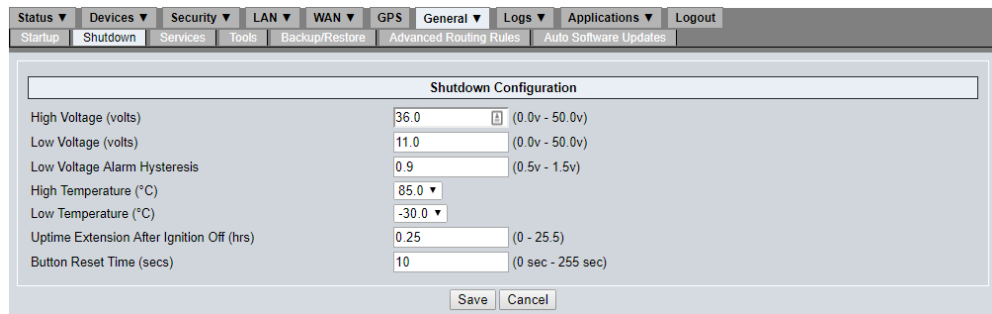
1. On the Applications tab, go to GNX.
2. Select Enable.
3. Under **LAN Segment**, select Serial LAN (172.22.3.1).

Note: Do not select any of the other segments—the GNX-6 Companion only supports connection over the Serial LAN.

4. In the **Server Host (IP)** field, enter the TFTP config server IP address (the default is 192.119.178.51).



5. Click **Submit**.
6. On the General tab, go to Shutdown.



7. Set the Uptime Extension After Ignition Off to at least 0.25. (This keeps the MG90 on for 0.25 hours (15 minutes), which the GNX device requires to complete ongoing configuration modifications or firmware updates.)
8. Click **Save**.

Document History

Revision number	Release date	Changes
1	January 2021	First release

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