

# Release Notes for Geode Connect – Version 1.1.0

August 2016

These notes provide important information for Juniper System's release of Geode Connect 1.1.0. This version adds new features to allow the configuration of the internal U-Blox receiver on the Mesa 2.

Documentation and software updates are available from:

<http://www.junipersys.com/Juniper-Systems/support>

---

## Important Notes

**Geode Connect 1.1.0 is a configuration application that can configure both Geode GNSS receiver and the Mesa 2 Internal U-Blox receiver.** Running Geode Connect on the Mesa 2 now supports connecting to the Internal GNSS receiver so that changes can be made to the Environment Mode, Update Rate, NMEA Sentences, NMEA Talker ID, Binary Messages, Elevation Mask Angle, SBAS Modes, SBAS Services, Static Hold settings, GNSS Constellations, Factory Reset.

## **NOTE for Mesa 2 owners who purchased prior to August 2016**

Mesa 2 hardware that was manufactured prior to August 2016 used defaults for the uBlox NEO M8 receiver that caused the receiver to not immediately indicate changes to the current position. To correct these misconfigurations please note the following (not necessary if your Mesa 2 was manufactured after August 2016):

## **How to reset Mesa 2 Default GNSS settings**

### **Instructions for use with built-in GNSS in Mesa 2**

The original default settings for the built-in uBlox GNSS receiver in the Mesa 2 were optimized for vehicle navigation rather than pedestrian tracking. To use Geode Connect 1.1.0 or higher to apply better settings for pedestrian tracking, follow these steps.

1. Download Geode Connect 1.1.0 from the Juniper Systems website. Run the .exe file and follow the on-screen steps to install.
2. At the "Connect Device" screen select the "Internal Receiver..."
3. Once connected, tap on the round Settings (gear) icon > Advanced bar.
4. Once you are at the "Configure Internal GNSS" screen looking at the advanced settings, scroll to the very bottom and tap on the "Reset Receiver" button.
5. At the "Factory Reset" warning message, tap on the "Restore Defaults" button.