GEODE CONNECT is a configuration and communication utility for the GEODE REAL-TIME SUB-METER GPS / GNSS RECEIVER. It provides the ability to establish communications to the Geode Real-Time Sub-meter GPS/GNSS Receiver, change receiver settings, and displays position, altitude, estimated horizontal error, differential status fix info, speed, heading, satellites in fix and PDOP. The Skyplot screen shows satellites in use for the various supported constellations and their distribution in the sky. A terminal screen is included to allow users a "deep dive" into the actual data output from the receiver, and direct command access.

REAL-TIME SUB-METER GPS RECEIVER
Looking for a simple sub-meter GNSS solution at an affordable price? With the Geode, you can easily collect real-time, sub-meter GNSS data without the huge price tag or complexity of other precision receivers. Designed with versatility in mind, the Geode works with a wide range of Windows®, Windows Mobile, and Android® devices to fit your needs exactly, and is especially useful for bring-your-own-device workplaces. Take the Geode with you mounted on a pole, in a pack, or held in your hand to collect real-time sub-meter GNSS data in harsh environments, using almost any handheld device. For information on the Geode GPS Receiver, visit our product page at www.junipersys.com.

WHAT'S NEW - New features in the latest 2.0.3 release:

- Multi-GNSS Support – Multi-GNSS Models now support Galileo and Beidou constellations as well as GPS and GLONASS, which means better coverage in difficult conditions.
- NTRIP Support – No SBAS coverage? You can now use NTRIP source networks to provide RTCM3 corrections to the Geode receiver.
- Point Capture – Geode Connect Android now provides the ability to demonstrate point capture, and export captured data as a .CSV or .KML file.
- Improved menus – Menus have been moved to reduce clicks and keystrokes
- Improved Mock Locations Provider functionality. Use Geode Connect to provide external GPS/GNSS positions to your software.

Compatibility:
Android version 4.2 and newer
Disclaimer:
Using the Geode Connect software and a Bluetooth connection to the Geode Receiver continuously will increase consumption of battery power on your mobile device.

Geode Connect changes from 1.0.0 to 1.1.0

Fixed latitude sign from N to S, when in southern hemisphere.

Fix for displaying Bluetooth devices when using Android 6.0.1 OS. Geoda-136
Device Setup doesn't search for new Bluetooth devices

Connect to NTRIP server that requires no authorization (no user name or
password)

NTRIP reconnect improvements

- (timeout and reconnect)
- Stop NTRIP on device disconnect, don't reconnect after 401 unauthorized error
- Added NTRIP status (color to icon)

UI improvements on tablets and larger devices - sky plot scales better
- Sky plot SBAS fixed text size 20dp

NTRIP reconnect attempts after failure (not internet, 401) GEODA-151

Changed string when losing connection to "lost connection"

Fixed NTRIP icon - appeared on home activity when NTRIP is disabled

Fixed a crash caused by showing notifications before application is fully loaded

Fixed NMEA parsing crash when parsing an unknown NMEA sentence