# PGM EVK Quick Start Guide

Version 2
2021-10-27

Follow the steps described below for a basic PGM EVK system setup. Refer to the PGM EVK User Manual for detailed setup instructions.

## 1. Download the Swift Console

The Swift Console is a Graphic User Interface (GUI) program providing visual representation of GNSS operation inside the PGM evaluation platform.
Download and install the latest Swift Console on your PC from: swiftnav.com/latest/swift-console

## 2. Connect the system

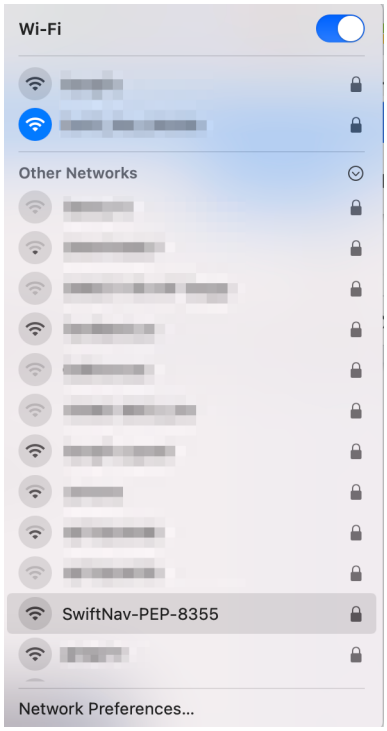
Connect provided a GNSS antenna (1) to the centre SMA connector and the two Wi-Fi antennas (2) to the outer SMA connectors. Use the provided power adapter (4) to supply 12 V power to the platform (3).


Note: the GNSS antenna needs to be placed outdoors with a good sky view for a proper satellite tracking and reliable GNSS position output.

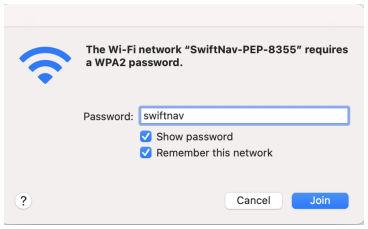
# 3. Power on the platform and connect to it's Wi-Fi network

Power on the platform by connecting the power adapter to the wall power outlet. Within approximately 3 minutes from power up, the platform will create a Wi-Fi network access point named SwiftNav-PEP-xxxx, where the last 4 digits of the network name are the last 4 digits of the serial number of the platform.

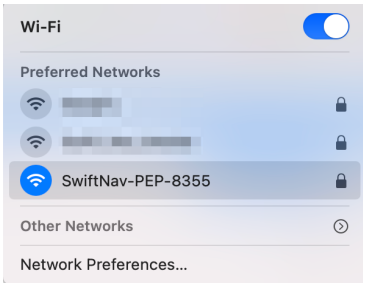
1. Open Wi-Fi network selection window and select **SwiftNav-PEP-xxxx**




2. Enter password (`swiftnav` by default)

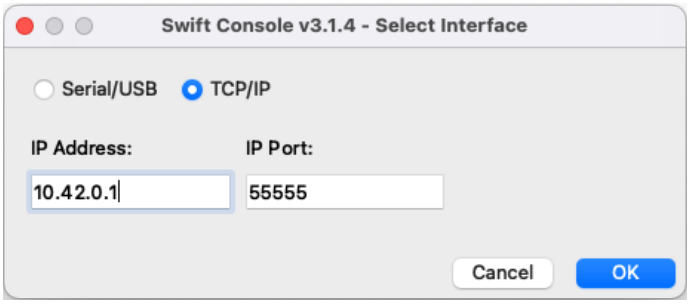



3. Network is connected

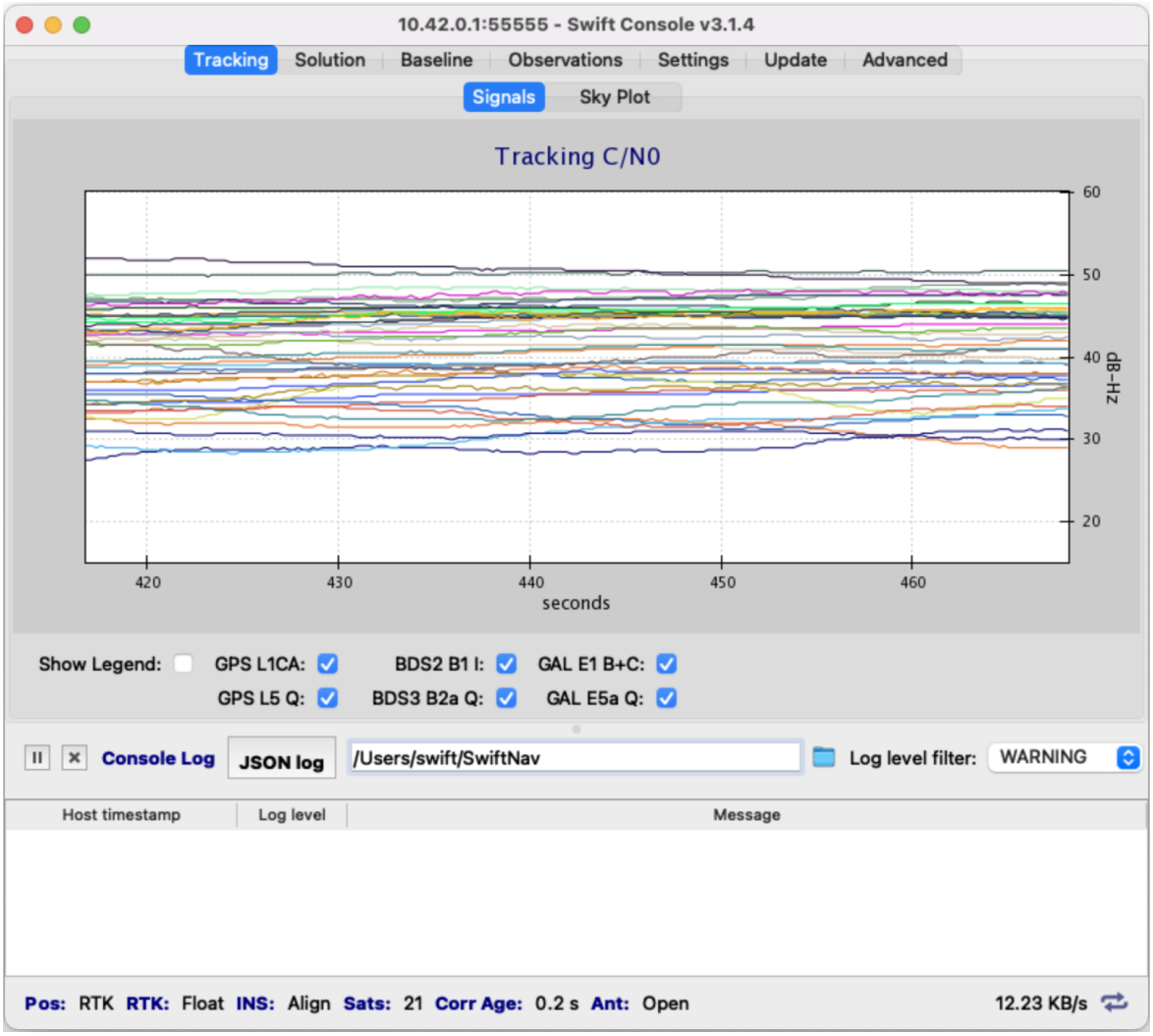



# 4. Start the Swift Console

Start the Swift Console program and select the TCP/IP option with IP Address **10.42.0.1** and IP Port **55555**. Click **OK** to start the connection.




The console **Tracking** window will open and show the satellite signals being received.




**Note**: antenna status (Open / Short / OK) is not supported on the PGM EVP.

The **Solution** tab shows the coordinates (Latitude, Longitude and Height) of the antenna, along with other information.