



Key Features

- ▶ **Straightforward GIS data collection**
- ▶ **Reliability and scalable accuracy guaranteed**
- ▶ **Any platform, any where**
- ▶ **Cloud Inside**
- ▶ **Full ArcGIS compatibility**

PinPoint-GIS is a powerful utility software suite enabling straightforward GIS data collection of accurate and reliable GNSS positioning from your Septentrio receiver. It provides seamless integration of this data directly into Esri ArcGIS Online and other GIS database workflows.

Pin-Point-GIS empowers you to process the data directly into the database without any intermediary steps - greatly reducing the time and complexity of your collection process. Informed project decisions based on accurate GIS information are now possible thanks to PinPoint-GIS.

PinPoint-GIS has 2 elements for straightforward integration of GNSS data into your existing GIS workflows and database.

PinPoint-GIS Web

PinPoint-GIS Web is a web interface with a direct link to ArcGIS Online. It is a unique solution with the power of running GIS collection inside the Septentrio GNSS receivers. No extra applications are needed for a full GIS workflow - from accurate data collection in the field directly to the ArcGIS Online Cloud.

PinPoint-GIS App

Septentrio understands that mobility and flexibility are important for your GIS projects. The Android app empowers any Android GIS application (e.g. Collector for ArcGIS) running on your mobile device with accuracy level. The app also allows you to easily monitor and control the receiver.

FEATURES	Pinpoint-Gis Web	Pinpoint-Gis App
Collection Data		
Point	✓	✓
Line	✓	
Polygon	✓	
ArcGIS Attributes ¹	✓	✓
Accurate position storage	✓	✓
Height Storage	✓	✓
Datum transformation ²	✓	
GIS Data Editing	✓	✓
Real time updates to ArcGIS Online	✓	✓
Precise Location Overriding ³		✓
Collection Trigger		
User interface form	✓	✓
Collection Targets		
(Cloud) ArcGIS Online	✓	✓
Maps		
Access to all ArcGIS maps	✓	✓
ArcGIS Online User maps	✓	✓
ArcGIS Base maps	✓	✓
Layers selection	✓	
Connectivity		
Bluetooth		✓
Wi-Fi	✓	✓
USB (for APS-GeoPod)		✓
Proxy configuration		✓
Connection manager ⁴		✓
Auto connect to receiver		✓
Use a single SIM card ⁵	✓	✓
Accuracy GNSS Receivers		
	Horizontal	Vertical
Meter (Standalone)	1.2 m	1.9 m
Sub-Meter (SBAS, DGPS)	0.4 m	0.8m
Sub-Meter (PPP – TERRASTAR D)	0.1 m	0.2m
Centimeter (RTK)	0.6+ 0.5 ppm	1 cm+ 1ppm



Visit Esri ArcGIS Online www.arcgis.com

FEATURES	Pinpoint-Gis Web	Pinpoint-Gis App
Cloud Map Connectivity		
ArcGIS Online	✓	✓
Portal for ArcGIS	✓	
Receiver Configuration		
GSM	✓	✓
NTRIP	✓	✓
Wi-Fi	✓	✓
Bluetooth	✓	✓
Antenna height	✓	✓
Custom configuration ⁶ (script)	✓	✓
Logging	✓	✓
Real Time Corrections		
NTRIP corrections from tablet		✓
NTRIP on receiver	✓	✓
IP corrections on receiver	✓	
TERRASTAR (APS-3 & AsteRx)	✓	
Supported GNSS Receivers		
APS-NR2	✓	✓
APS-GeoPod		✓
APS-3		✓
AsteRx ⁷	✓	✓
Operating Systems		
Android	✓	✓
iOS	✓	
Windows Mobile	✓	
Windows	✓	
Linux	✓	
Mac OS	✓	
PinPoint-GIS Web supported web browsers:		
Chrome, Firefox, Safari, Internet Explorer 11 or later		
PinPoint-GIS App Android versions:		
Android 4.3 or later ⁸		

¹ Attributes are prepared on Esri ArcGIS tool sets
² Datum is always transformed to the spatial reference defined in the map
³ Allows you to run any other GIS application on your mobile device
⁴ Allows you to handle preferences for multiple receiver connections
⁵ No need of multiple SIM cards, internet connection can be shared between receiver and tablet
⁶ Configuration done automatically at start of app
⁷ Only map visibility - no collection
⁸ Devices should allow Mockup locations

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