StarPal™ HGIS
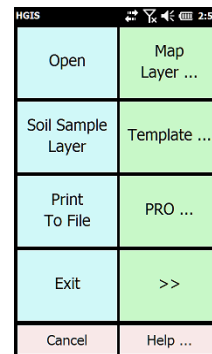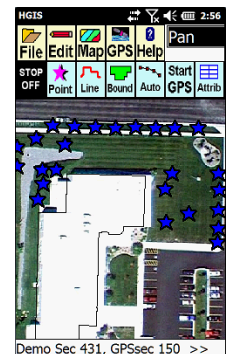## Data Collection Software

If you're looking for a practical GIS field data collection application that lets you import and export from GIS, customize field attributes, and integrate sensor data inputs, then StarPal™ HGIS with a Juniper Systems rugged handheld may be just the right solution for you.

What can I do with StarPal HGIS?

- Easily collect GPS points, polygons, lines, and swaths
- Use with various GIS applications and multiple file types
- Experience improved navigation
  - Easily navigate to waypoints
  - View imagery base maps
  - Create grids and transect layers
- Easily integrate sensor and GPS data

Large navigation icons

Aerial imagery maps and simple icons

What kind of applications is StarPal HGIS used for?

- GPS field mapping
  - Import data to/from Esri® ArcGIS, Google Earth, and other GIS applications
- Contour mapping
  - Create contour maps using geophysical sensors and integrated GPS data
- Soil sampling using grids

Which handhelds can I use with StarPal HGIS?

Mesa® Rugged Notepad

Allegro MX™

Archer 2™

Juniper Systems rugged handhelds provide the highest quality and reliability the industry can offer, designed to boost productivity in even the most extreme environments.

StarPal™ HGIS Features:

- Data dictionary
- Import/export common GIS files (SHP, MIF, KML, DBF and project files)
- Supports base maps
- Navigation to waypoints
- Supports creation of grid or transect layers
- Supports mapping projections
- Integrate sensor data & photos with GPS data
- Desktop utility or database tool
- Demo version available

StarPal HGIS Versions:

	Basic ($299)	Plus ($479)	Pro ($699)
Collect GPS points, lines, field boundaries, & coverage maps	✔	✔	✔
Create target grids & navigate to points	✔	✔	✔
Return to previously collected points	✔	✔	✔
Open and save SHP, MIF, KML, DBF and project files	✔	✔	✔
Create attribute templates and drop-down lists in the office	✔	✔	✔
Measure distance, area, & field perimeter	✔	✔	✔
Color-theme data sets (such as yield data)		✔	✔
Calculate net area of polygons		✔	✔
Advanced grid sample target generation		✔	✔
View JPG/ECW/JP2/SID/BMP satellite images (DOQs)		✔	✔
Georeference your own images (or use world files)		✔	✔
Print maps from desktop		✔	✔
Advanced editing features: add, subtract, split, and crop field boundaries		✔	✔
Create management zones with sample targets		✔	✔
SensorTrack™ – automatically records geophysical sensor data*			✔
Contour map generation – create contour maps from data sets, e.g., space images, yield, EC, or penetrometer data			✔

*Geophysical sensors can include: Honeywell Compass/magnetometer, barcode scanners, chlorophyll meters, GEONICS and DUALEM EC meters, depth sounders, Laser Rangefinders, and others.

JUNIPER® systems

Contact Juniper Systems at 435.753.1881
to learn more about using StarPal HGIS for your application.