



## HGIS BASIC MAPPING SOFTWARE



- Visual display of Map Layers and GPS position
- Creation of New Map Layers with Attributes
- Load / Save SHP (ESRI Compatible), MIF (MapInfo Compatible), and DBF (dBASE) files
- GPS NMEA0183 (v1.5 or later) (\$GPGGA or \$GPRMC) or TSIP via RS-232 interface
- Navigation - Course, Speed, Date, Time, Altitude, Number of Sats, HDOP, and Differential OK
- PickLists and Layer Attribute Templates reduce your time spent in the field.
- Coordinate Transform - WGS84, NAD83, NAD27, and >100 Regional Datums
- Universal Transverse Mercator (UTM) Transformations
- Measurement - Distance, Perimeter, Area
- English / Metric Units
- Measure Benchmark - Average Position (using any selected Datum)
- Runs on PocketPC, Windows CE, XP, ME, 2000, 98, 95, and NT
- Two Switch Inputs thru GPS Serial Port using the Switch Assembly
  
- **Objects**
- Point - Symbols (16), Color, Size (to 64 point)
- Polyline - Color, Style (6),
- Boundary Polygon - Pattern Fill(40), Line Style (6), Line Color, Fill Color
- Other Polygons - Rectangle, Circle
- Text (available with MIF files)
  
- **Attributes**
- Character (1 to 254 characters)
- Integer (-2147483647 to 2147483647)
- Float 9.99 +/- e8 (7 significant digits)
- Date dd/mm/yyyy (Y2K compliant)
- Decimal up to 20 digits, 16 after decimal point
- Logical (True, False)
  
- **AutoDraw**
- Points, Polylines, Regions based upon distance, time, or both
- Coverage Layers (Swath Polygons)
- Auto Attribute Fill
- Unique ID number for point sampling
- Date, Time, Longitude, Latitude, Altitude