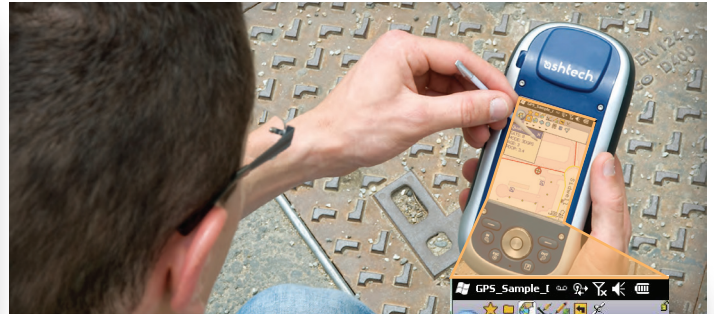


# GNSS StatViewer

an extension to ArcPad® 10

Sidwell's GNSS StatViewer, a software extension for Esri® ArcPad® 10, provides GNSS statistics to the field user, ensuring that the desired accuracy is provided during the collection process. The GNSS statistics provided by GNSS StatViewer are as follows:

- Number of Satellites Used
- Differential Mode
- Differential Correction Age
- Position Dilution of Precision (PDOP)
- Horizontal Positional Error (HPE)
- Vertical Positional Error (VPE)



Not only is GNSS StatViewer able to provide these statistics in the ArcPad 10 software while in the field, it is also capable of recording the statistics to the Esri feature class as an attribute while the data is being collected. When a license of GNSS StatViewer is purchased, the included geo-processing tool automatically creates the necessary fields in your Esri Geodatabase or Shapefile. This capability allows an entity to adequately track and manage your field collected statistics and make certain your project meets specification.

GNSS StatViewer is developed for Ashtech®—specific GPS or GNSS hardware, and is compatible with the following products:

- Ashtech MobileMapper® 6\*
- Ashtech MobileMapper® 10\*
- Ashtech MobileMapper® 100
- Ashtech ProMark® 100
- Ashtech ProMark® 200

The screenshot shows the ArcPad 10 software interface. On the right, a 'Quality' dialog box displays the following statistics: SATS: 8, MODE: 3DGPS, AGE: 3, PDOP: 3.4. Below the dialog, a data table is visible with the following columns and values:

OBJECTID	7
Type	Stop
Condition	Good
Speed_Limit	<Null>
User ID	5186
Notes	
Reflectivity	Yes
Photo	Stop_1.jpg
GPSx	303694.444534953
GPSy	582214.199608906
Date_	6/8/2010
Direction	North
SATS_USED	8
QUALITY	3DGPS
HPE	0.5 1.1
VPE	1.6
PDOP	2.6
DIFF_AGE	4
PID	500

At the bottom of the table, it states: OBJECTID Object ID Null values not allowed.

\*Note: Ashtech MobileMapper 6 and MobileMapper 10 does not provide HPE or VPE statistics, so these statistics will not be provided or recorded.

\$225.00 per license

