



## TRIMBLE GPSCORRECT EXTENSION FOR ESRI ARCPAD SOFTWARE

### KEY FEATURES

Log data for postprocessing to improve position accuracy

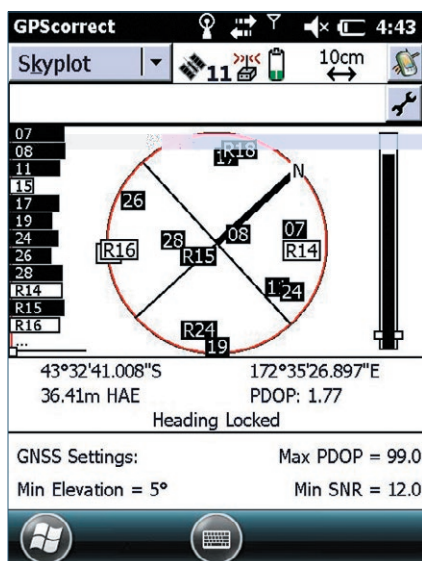
H-Star data collection for high accuracy with the Trimble Pro 6H receiver or GeoXH handheld

Seamless GNSS integration with Esri ArcPad software for quality GIS data collection

Real-time differential correction for accuracy in the field

Mission planning for increased productivity

Your choice of Trimble GNSS receiver



### POSTPROCESSED DIFFERENTIAL GNSS FOR ESRI ARCPAD SOFTWARE

Trimble® GPScorrect™ extension for Esri ArcPad software lets you take full control of your Trimble GNSS receiver, and adds the power of differential correction to Esri ArcPad. With Trimble GPScorrect extension and Esri ArcPad software, it's easier than ever to bring GNSS and GIS data together.

#### Better accuracy in the field and in the GIS

Trimble GPScorrect extension ensures that you have the most reliable and accurate data for your GIS. With postprocessed differential correction, you can improve the accuracy of your GNSS positions from 10 meters to submeter or even decimeter (10 cm / 4 inch), depending on the environment and your GNSS receiver. And you can still use real-time differential corrections to meet the accuracy requirements of your mobile GIS application.

#### Seamless workflow

As you collect features using Esri ArcPad software, Trimble GPScorrect extension automatically logs GNSS positions and metadata that allows your Esri Shapefiles or AXF files to be differentially postprocessed. Plus, Trimble GPScorrect extension gives you complete GNSS configuration control and detailed receiver status updates, so all the GNSS information you need is right there in front of you.

Back in the office, use either Trimble GPS Analyst™ extension for Esri ArcGIS for Desktop software or Trimble GPS Pathfinder® Office software to effortlessly correct the data you collected in the field for extra precision. The resulting differentially corrected data is ready to be used in your Esri ArcGIS for Desktop software, so you can be sure that your decision-making is based on timely and accurate data.

#### Quality control made easy

Whether your emphasis is on precision or productivity, use either Smart Settings, the simple GPS slider, or custom settings to set GNSS quality control limits to suit your needs. With the graphical Skyplot and the Satellite Info section, you can check your current GNSS status at a glance. To make the most productive use of your time in the field, use the Plan section, with its graphical prediction of the satellite constellation, to identify the best times for data collection.

#### High-performance Trimble GNSS receivers

Collect high-quality position data with a versatile, easy-to-use Trimble GNSS receiver. Each receiver offers a range of differential correction options to give you both real-time confidence and postprocessed reliability. For extra precision, collect Trimble H-Star™ data with a Trimble Pro 6H receiver or a GeoXH™ handheld. Completely integrated with existing data collection workflows, H-Star technology makes high-accuracy data collection faster and easier than ever before. Alternatively with a Trimble GeoXT™, Juno®, or Nomad® 900G series handheld, or a Pro 6T receiver, you can achieve optimal GNSS processing accuracy with the Trimble DeltaPhase™ technology.

From effortless control and detailed feedback in the field, to reliable, accurate, postprocessed GNSS location data in your GIS—the GPScorrect extension provides a seamless solution.

# TRIMBLE GPSCORRECT EXTENSION FOR ESRI ARCPAD SOFTWARE

## FEATURES AND OPTIONS

### Key features

- Fully integrated with Esri ArcPad software version 10.
- Full support for Esri ArcPad software version 10 data collection methods including offsets, traverses, and measurements from laser rangefinders.
- Choice of Trimble GNSS receiver or handheld with integrated GNSS.
- Supports a range of field computers with standard Windows® operating systems, including those powered by the Windows Mobile® version 6.x operating system and Windows Embedded Handheld 6.x operating system.

### GNSS integration and control

- Simple GNSS and real-time configuration
- Enhanced graphical skyplot and satellite information
- Detailed real-time status information
- Mission planning for satellite prediction in the field

### GNSS accuracy

- Use differential correction to improve positions in Esri ArcPad Shapefiles or AXF files (corrected accuracy depends on the GNSS receiver used)
- Supports logging of DeltaPhase data for optimal accuracy after postprocessing

### Supported GNSS receivers

- Trimble Pro 6H receiver
- Trimble Pro 6T receiver

### Supported handheld computers with integrated GNSS

- Trimble GeoExplorer® 6000 and 3000 series handheld
- Trimble Juno 3 and S series handheld
- Trimble Nomad G series handheld

### Available languages

- Chinese (Simplified)
- English
- French
- German
- Japanese
- Spanish

## RECOMMENDED HARDWARE

### Windows Mobile

Operating system	Windows Mobile version 5.0 or 6.x, Windows Embedded Handheld 6.x
Processor type	ARM, XScale, or OMAP
Processor speed	200 MHz or faster
Memory	32 MB RAM at least 8 MB free memory (for Esri ArcPad and GPSCorrect extension installation)
Input/output	Serial cable and RS-232 serial port (or appropriate adaptor) or Bluetooth® technology for connection to Trimble Pro series receiver
Display	Color or grayscale touch screen (240 × 320 pixels or larger) Transflective screen (or other screen suitable for outdoor viewing)

### Windows field computer

Operating system:	Windows 7 . . . . . Ultimate Edition, Professional Edition, or Home Premium Edition SP 1
Windows Vista®	Ultimate Edition, Enterprise Edition, Business Edition, or Home Premium Edition SP 2
Windows XP	Professional Edition or Tablet PC Edition SP 3
Processor speed	500 MHz or faster
Memory	64 MB RAM at least 3 MB free memory
Input/output	Serial cable and RS-232 serial port (or appropriate adaptor) or Bluetooth technology for connection to Trimble Pro series receiver

## GPS POSTPROCESSING OPTIONS

To differentially correct GNSS data logged by Trimble GPSCorrect extension, one of the following is required:

- Trimble GPS Analyst extension for Esri ArcGIS 10 (or earlier) for Desktop software (version 2.40 or later with all updates applied)
- GPS Pathfinder Office software (version 5.30 or later with all updates applied)

Note: Check Esri ArcPad documentation for any additional requirements.

*Specifications subject to change without notice.*

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