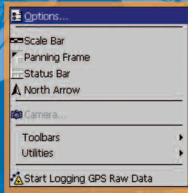


# GPSDifferential™ for ArcPad



## Magellan GPS Post-Processing Extension for ESRI Arcpad

GPSDifferential™ for ArcPad® adds the power of post-processing to your ESRI® ArcPad software on MobileMapper™ CX. This extension software offers seamless integration of your ArcPad software and the included MobileMapper Office suite to provide reliable, sub-meter, post-processed positioning data results.

GPSDifferential for ArcPad automatically logs raw GPS measurement data in the field for easy post-processing back in the office. With GPSDifferential for ArcPad, you can always acquire the most accurate data for all your GIS and mapping needs even where real-time differential corrections are not available.

### Your High-Performance MobileMapper CX Made Even Better

Your MobileMapper CX from Magellan offers proven real-time, sub-meter positioning accuracy. Now the post-processing option provided by the ArcPad extension, along with MobileMapper Office, offers even greater confidence in the quality of your data. In areas with no real-time differential corrections, GPSDifferential for ArcPad now makes sub-meter mapping possible.

### Easy Workflow

The fast and easy data collection and data management offered by ArcPad is unhindered by the extension. The logging of raw data required for post-processed differential correction happens behind the scenes automatically without interrupting your familiar workflow. Back in the office, MobileMapper Office post-processes the data and enables easy export to shapefiles or other industry standard formats.

### The Easy-To-Use, Cost-Efficient Post-Processing Solution

Continuing our commitment to provide the highest performance-to-price ratio GPS/GIS systems available, the GPSDifferential extension for ArcPad offers accurate post-processing for a fraction of the cost of comparable systems. With the powerful GPS utilities of MobileMapper CX and the user friendly functionality of MobileMapper Office, Magellan has once again delivered an affordable, easy-to-use, high-performance GPS solution.

### Features

- Reliable sub-meter GPS post-processing
- Fully integrated and easy to use extension for ESRI ArcPad 7.1
- Complete post-processing solution including MobileMapper Office
- Export post-processed data with attributes in ESRI shapefile and other industry standard formats

# GPS Differential for ArcPad Technical Specifications

## Supported GPS Receiver

- MobileMapper CX

## Optional Accessory

- External single frequency survey-grade antenna with cable

## GPS Accuracy

- Sub-foot (< 30 cm)<sup>1</sup>

## Included in Package

- GPS Differential for ArcPad on SD card ready for installation
- CD of MobileMapper Office
- Quick start guide

## MobileMapper Office

- Provides sub-meter accuracy with baselines up to 50 km<sup>2</sup>
- Processes code and carrier phase data recorded in the field
- Compatible with reference station data from Magellan survey receivers, Reliance™ and MobileMapper receivers, community base station files, or any source of RINEX code and carrier data
- Supports automatic download of reference data from CORS stations or community base stations

## System Requirements

- Windows® 98 / NT 4.0 or later / 2000 / XP
- Pentium®, 133 MHz or better
- 32 MB RAM
- 90 MB disk space required for installation

<sup>1</sup> Accuracy assumes open sky environment, #SVs > 5 and PDOP < 4

<sup>2</sup> With external antenna

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