



## GPS Differential for ArcPad

### THALES GPS POST-PROCESSING EXTENSION FOR ESRI ARCPAD

GPS Differential™ for ArcPad® adds the power of post-processing to your ESRI® ArcPad software on MobileMapper™ CE. 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.

GPS Differential for ArcPad automatically logs raw GPS measurement data in the field for easy post-processing back in the office. With GPS Differential 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 CE MADE EVEN BETTER**

Your MobileMapper CE from Thales 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, GPS Differential 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.



# GPS DIFFERENTIAL FOR ARCPAD

## 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 GPS Differential extension for ArcPad offers accurate post-processing for a fraction of the cost of comparable systems. With the powerful GPS utilities of MobileMapper CE and the user friendly functionality of MobileMapper Office, Thales has once again delivered an affordable, easy-to-use, high-performance GPS solution.

### Key Features:

- Reliable sub-meter GPS post-processing
- Fully integrated and easy to use extension for ESRI ArcPad 6.0.3 and 7.0
- Complete post-processing solution including MobileMapper Office
- Export post-processed data with attributes in ESRI shapefile and other industry standard formats

## TECHNICAL SPECIFICATIONS

### Supported GPS Receiver

- MobileMapper CE

### Optional Accessory

- External single frequency survey-grade antenna with cable

### GPS Accuracy

- Sub-meter<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 Thales 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

### Thales

#### Mobile Mapping Solutions Contact Information

**In USA** +1 408 615 3970 • Fax +1 408 615 5200

**Toll Free (Sales in USA/Canada)** 1 800 922 2401

**In South America** +56 2 273 3214 • Fax +56 2 273 3187

**Email** mobilemapping@thalesnavigation.com

**In Singapore** +65 6235 3678 • Fax +65 6235 4869

**In China** +86 10 6566 9866 • Fax +86 10 6566 0246

**Email** mobilemappingapac@thalesnavigation.com

**Web site** www.thalesgroup.com/navigation



**ESRI**  
Technology  
AUTHORIZED  
BUSINESS PARTNER

# THALES

Thales Navigation follows a policy of continuous product improvement; specifications and descriptions are thus subject to change without notice. Please contact Thales Navigation for the latest product information.

© 2005 Thales Navigation, Inc. All right reserved. GPS Differential, MobileMapper and Reliance are trademarks of Thales Navigation, Inc. ArcPad is a registered trademark of Environmental Systems Research Institute, Inc. All other product and brand names are trademarks or registered trademarks of their respective holders. Rev (11.05) P/N 830606A