

# Mobile GIS

Field staff can capture, update, and analyze geographic information for rapid decision making.

## ArcGIS Mobile

**ArcGIS Mobile** helps organizations deliver GIS capabilities and data from centralized servers to a range of mobile devices. You can use ArcGIS Mobile to deploy intuitive and productive mobile GIS applications to increase the accuracy and improve the currency of GIS data across your organization.

Easy-to-use **ArcGIS Mobile** applications enable field staff who do not necessarily have any GIS experience to do:

- Mapping
- Spatial query
- Sketching
- GPS integration
- GIS editing

For further information you can visit ESRI's web site by clicking on the link below:

[ESRI - ArcGIS Mobile](#)

## ArcPad

### OVERVIEW

**ArcPad** is designed for GIS professionals who require GIS capabilities in the field. It gives field-based personnel the ability to capture, edit, analyze, and display geographic information easily and efficiently:

With **ArcPad**, you can:

- Perform reliable, accurate, and validated field data collection.
- Integrate GPS, range finders, and digital cameras into a GIS data collection.
- Share enterprise data with field-workers for updating and decision making.
- Improve the productivity of a GIS data collection.
- Improve the accuracy of the GIS database and make it more up-to-date.

### KEY FEATURES

Designed to be easy to use, **ArcPad** provides an extensive set of tools for mobile GIS applications and tasks.

## **GIS Data Collection**

Δημιουργία, επεξεργασία, ανάλυση, και απεικόνιση γεωγραφικών δεδομένων στους πιο διαδεδομένους εμπορικούς μορφότευπους.

## **ArcGIS Server ArcPad Extension**

Publish **ArcPad** projects to ArcGIS Server using the **ArcGIS Server ArcPad** extension. Any device that can connect to the Internet (by cradle, USB, Wi-Fi, or phone connection) can synchronize ArcPad edits directly with the enterprise geodatabase via ArcGIS Server Advanced Enterprise edition.

## **Integrated External Hardware**

**ArcPad** supports field devices, such as GPS receivers, range finders, and integrated digital cameras, with GIS data collection. Input from these devices is stored within the GIS.

## **ArcPad Data Manager Extension for ArcGIS Desktop**

A mobile component of ArcGIS, **ArcPad** integrates with desktop GIS technologies to allow field edits to be incorporated into a geodatabase through disconnected editing. It replaces the ArcPad tools for ArcGIS Desktop that came with previous versions of ArcPad.

## **Symbology and Style Sheets**

**ArcPad** enables high-quality mapping on mobile devices through supporting ArcGIS symbology and style sheets.

## **Language Support**

**ArcPad** accommodates localized languages. The ArcPad user interface is available in a number of languages, making it easier for mobile field-workers whose native language is not English.

## **Customization**

Create custom solutions for mobile GIS applications and tasks with **ArcPad Studio**.

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