

# ArcGIS® Mobile

## Build and Deploy Mobile Applications Powered by ArcGIS Server

ArcGIS® Mobile is a software developer kit (SDK) in ArcGIS Server that allows you to create and deploy centrally managed and fully customized mobile GIS applications. Using a set of .NET controls, you can develop small-footprint and easy-to-use applications for map viewing and GIS editing that are tailored to your mobile personnel's workflow. These applications also have the unique ability to synchronize directly with the server, making updates instantly available to everyone in the field as well as in the office. The end result is improved field productivity and better collaboration throughout the enterprise.

### With ArcGIS Mobile, You Can

- Create and deploy highly focused mobile applications that require minimal field personnel training.
- Operate in a connected or disconnected environment, allowing field updates to be reflected enterprise-wide as soon as possible.
- Easily deploy to various devices that run Windows® Mobile or desktop technologies including smartphones, Pocket PCs, and Tablet PCs.

### Seamless Mobile Integration

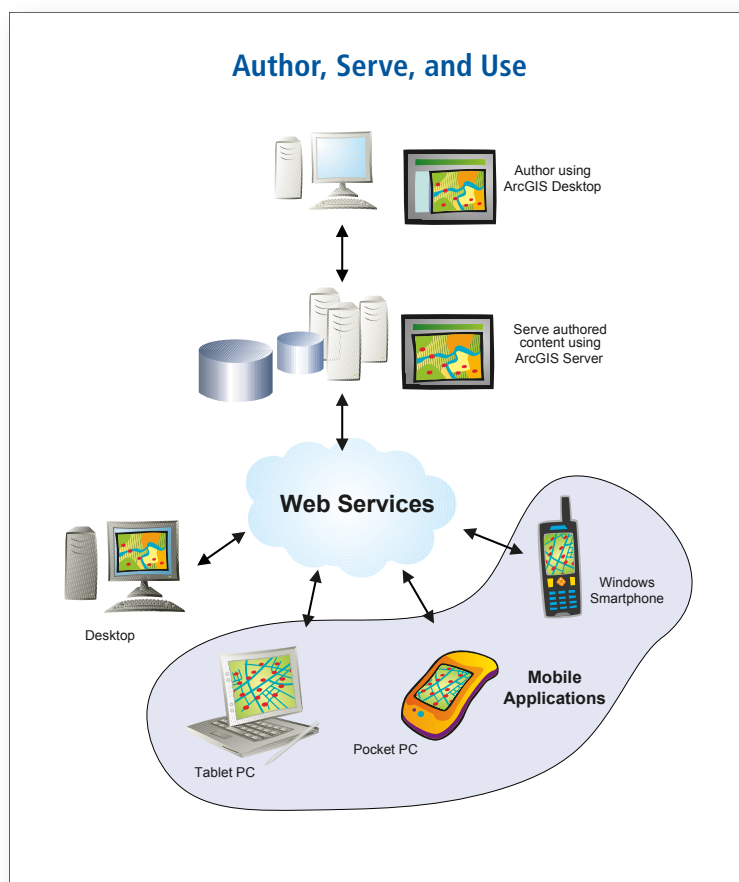
ArcGIS Mobile applications integrate your mobile workflow with your existing system by consuming maps that are authored in ArcGIS Desktop and published as map resources with ArcGIS Server. In addition, the Microsoft® .NET framework in ArcGIS Mobile lets you easily and quickly build lightweight applications that are optimized for a variety of mobile devices. You can also choose to leverage only the functionality needed by your mobile workers, producing easy-to-use and very focused applications.

### Perform Live Data Editing in the Field

The applications you create have the unique ability to synchronize directly with the geodatabase when connected to a network. This allows both office and field personnel to instantly view and work with updates that are made by any field staff who are connected to a network. When operating in a disconnected mode, the application caches the information locally on the device, updating the database as soon as a connection is reestablished.



*ArcGIS Mobile allows you to customize applications with a specific field workflow in mind, such as the need for work order management and routing.*



## Increase the Value of Your GIS Data

ArcGIS Mobile can also add geospatial capabilities to your existing line-of-business applications, including customer relationship management and field service automation systems. Data from these programs can be worked into the mobile workflow, providing mobile workers with access to critical information.

## How to Get ArcGIS Mobile

ArcGIS Mobile is an SDK installed as part of ArcGIS Server for the .NET framework. Organizations that license ArcGIS Server Advanced Enterprise receive 50 mobile deployments at no additional cost. They may also license additional mobile deployments in bundles of 25. ArcGIS Mobile is also included with ArcGIS Server as part of the ESRI® Developer Network (EDN<sup>SM</sup>). EDN is an annual subscription program that offers ArcGIS software for development and testing. Visit [www.esri.com/edn](http://www.esri.com/edn) for more information.



*A building inspection application built using ArcGIS Mobile depicted on a Tablet PC.*

*Example of mobile connectivity with ArcGIS Server.*



*Field utility trace results performed on a smartphone.*

*"After reviewing several mobile data technologies, we chose ArcGIS Mobile for its simplicity, reliability, and easy integration with our existing GIS infrastructure. We found the automatic caching of GIS data on the device to be efficient and a tremendous time-saver when compared to other solutions."*

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