



## MOBILE MAPWORKS

### Bringing GIS to the Field

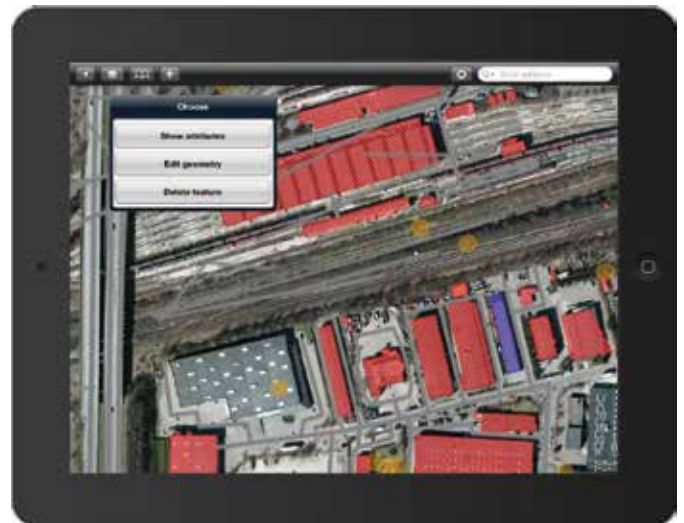
Do you need to update your GIS from the field, directly from your mobile device? Mobile MapWorks is a practical tool for local governments, transportation authorities, utilities, communications providers, and more. Easy to configure, this app enables you to directly see, edit, validate, and update your enterprise GIS data from the field in real time.

Downloadable as an iOS and Android™ app, Mobile MapWorks provides quick navigation and map display with precise indication of GPS position. You can also search for features based on attribute values.

Accessible through a simple interface, Mobile MapWorks uses Open Geospatial Consortium (OGC®)-standard web services. This means that the app is compatible with all GIS platforms on the market and lets you work directly in your database without any data conversion, synchronization, or temporary data stores. This open architecture allows field updates to become instantly available to any and all GIS platforms you use on the desktop, web, or mobile devices.

Mobile MapWorks also supports offline workflows and database synchronization with mobile devices, so that data is available constantly, even when there is no signal. Field crews can continue to perform their work including query and update, with edits synched back to the database upon reconnect. Mobile MapWorks is vendor agnostic and supports a wide variety of databases, including Intergraph's G/Tech and GEN!US databases.

Mobile MapWorks is offered within the PLATFORM SUITE of the Power Portfolio. The Platform Suite enables you to create your own unique application on top of a solid foundation of powerful geospatial functionality. Supported by robust toolkits, detailed instructions, and interactive developer communities, you can build custom web, mobile, and other smart enterprise solutions.



Mobile MapWorks' Area Feature Edit dialog on an iPad

## BENEFITS

### Easy to Set Up and Use

Mobile MapWorks is easy to set up and configure for multiple purposes. The application's simple and intuitive user interface requires little training and makes new users more productive.

### Increase GIS Accuracy

Mobile MapWorks lets you easily leverage the knowledge of field personnel to ensure that your GIS data accurately reflects the real world. Users can easily control update capabilities, enabling more personnel to participate in field coverage.

### Real-Time Response

With rapidly responding navigation and map display, field personnel can capture and edit spatial data in real time. Your databases are updated on the fly, without importing,

exporting, or data conversion. As data is edited, field inspectors can instantly create inspection reports at the scene.

## Flexibility

Although Mobile MapWorks was originally designed to meet the demands of government institutions, this flexible product is not locked to any specific workflow. The user interface can be easily configured to fit a wide variety of purposes.

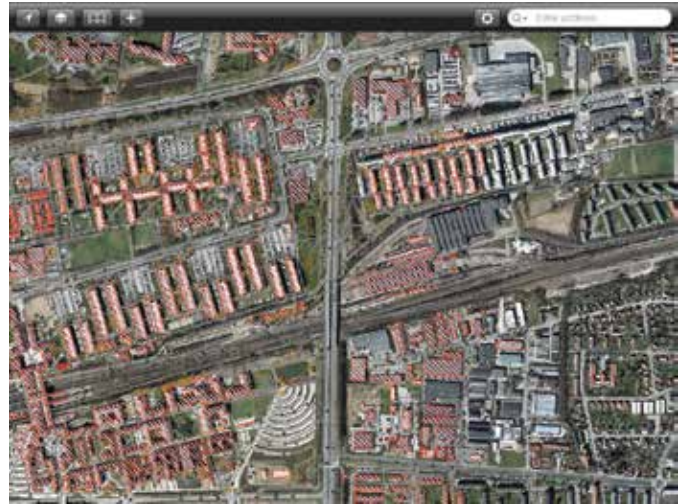
## WHERE IT'S USED

Mobile MapWorks can easily be implemented to meet your organization's unique needs, easily integrating with your existing workflow. Local governments are already using Mobile MapWorks to regularly update assets such as:

- Public works features including water valves, street lights and bus stops
- Roadway and transportation assets including traffic signs and lights
- Environmental and park furniture such as trash bins and green areas

## HOW IT WORKS

Mobile MapWorks is for iOS and Android tablets. Access to the GIS data and the allowable operations are configured based on user roles, securing your enterprise information, and ensuring data integrity. All changes in the field are communicated over 3G, 4G, or wireless connections back to the GIS database through Web Map Services (WMS) and Web



Mobile MapWorks in map view

Feature Service Transactions (WFS-T). The updates are then returned back to the field inspectors device through those same OGC services.

## PREREQUISITES

Mobile MapWorks can be implemented for any customer with an OGC-compliant GIS infrastructure that works with WMS and WFS-T. If your infrastructure does not support these interfaces, a custom solution can be provided for you.



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