

# iOPEN Technologies™

## Simplifying Emergency Services

Many fire departments have disparate systems or processes that are difficult to maintain and disseminate into the field. Often these involve costly devices such as ruggedized laptops. These departments need access to a wide variety of data in the field to make informed decisions quickly.

Having access to high quality GIS data, along with supporting attributes and high resolution aerial photos and other related documents, allows this to happen. This all needs to occur without depending on a network connection.



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*Transforming technology decisions into competitive advantage!*

### Business Challenges

- Hard-copy map books for fire trucks are difficult and costly to maintain
- Data stored and updated in multiple locations
- Tools needed to leverage current GIS data without duplicating

### Leading Edge Solution

- Pull real-time data from multiple sources
- Access key GIS, Fire and Financial data through a single interface
- Geoprocessing using ArcGIS to build driving direction maps
- HTML5/JavaScript app to run in any browser
- Utilizes GeoJson files which can be generated from many GIS toolsets
- MapAPI is an internally developed toolset for rendering data quickly on HTML canvas

### Key Features

- Disconnected; large amounts of data and very fast
- Easy to use and maintain; simple sync
- Very specific design for current use but easily expandable
- Links to PDFs or other info including photos
- View layers such as properties, hydrants, buildings & aerial photos
- GPS location of device with onscreen tracking

*People... Process... Technology...*