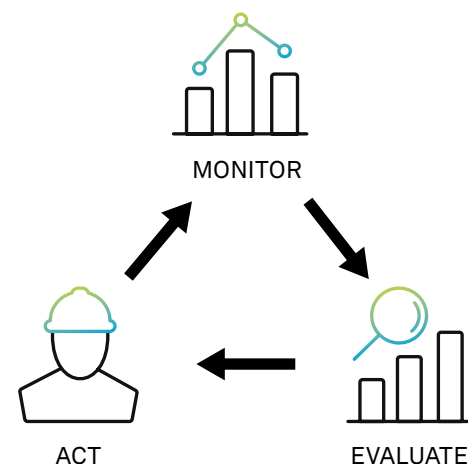# M.App Enterprise

While smart city leaders, public transportation agencies and utility companies are managing day-to-day operations, they must often immediately react and respond to emergency events. How can they monitor the statuses and conditions of their infrastructure in real time? How can they connect to and transform multiple sources of content and services with just one application? What about proactively monitoring for risks like fires and accidents? These questions are posed not only in urban areas — regional areas, national statistics offices, forest management agencies and similar organizations can also benefit from smart monitoring.

Achieve smart monitoring by seamlessly incorporating location intelligence into your enterprise systems and workflows. With stunning visuals and dynamic configurations, M.App Enterprise holds the key to digitally transform operations by allowing organizations to work more productively and efficiently.

M.App Enterprise provides a unified geospatial enterprise platform to create vertical solutions for specific markets and industry segments. It engages the "Monitor - Evaluate - Act" paradigm. The platform allows you to easily monitor real-world changes, evaluate the impact and act on the results.

Key features

- Desktop client provides a full set of GIS functionality designed for semi-professional users

- Browser client delivers a map view in 2D and 3D, displaying spatio-temporal analytics

- Access the platform from anywhere with the native mobile application, even in areas without internet access

- Customize off-the-shelf apps by using APIs or SDKs

MONITOR

ACT

EVALUATE

Connect to any spatial data source

- Internal imagery datasets available for apps

- Internal vector data available from direct connections to SAP HANA, Oracle, Microsoft SQL Server or PostGIS database

- OGC WMS, WMTS and WFS services can be made available to your apps

3D visualization and analytics

- Combine terrain data, 3D structures, meshes, 360° panoramic imagery and point clouds for accurate positioning and realistic transitions

- Apply shading, depth of field and shadow effects to 3D data to simulate light sources realistically

- Perform accurate measurements on your 3D data

- Use expression-based styling and selection-based database filtering

Configure business workflows

- Create typical workflows that run day to day in the enterprise environment

- Implement highly configurable rules for life-cycle workflows, feature-level access control, data validation and behavior and integration into other systems

- Edit attribute data with the help of lists and forms

- Take advantage of streamlined access across desktop, browser and mobile environments

Geoprocessing engine

- Run spatial recipes, or spatial models, to analyze data and create custom outputs

- Perform supervised and unsupervised raster and vector classification with hundreds of functions, analytical routines and algorithms, including machine learning algorithms-based classification operators

Administer role-based access

- Users can easily see and access the apps assigned to them

- Administrators can assign roles, build and customize apps and view statistics

- User management is available out of the box or can integrate with your existing authentication system

M.App Enterprise seamlessly incorporates location intelligence into your enterprise systems and workflows.