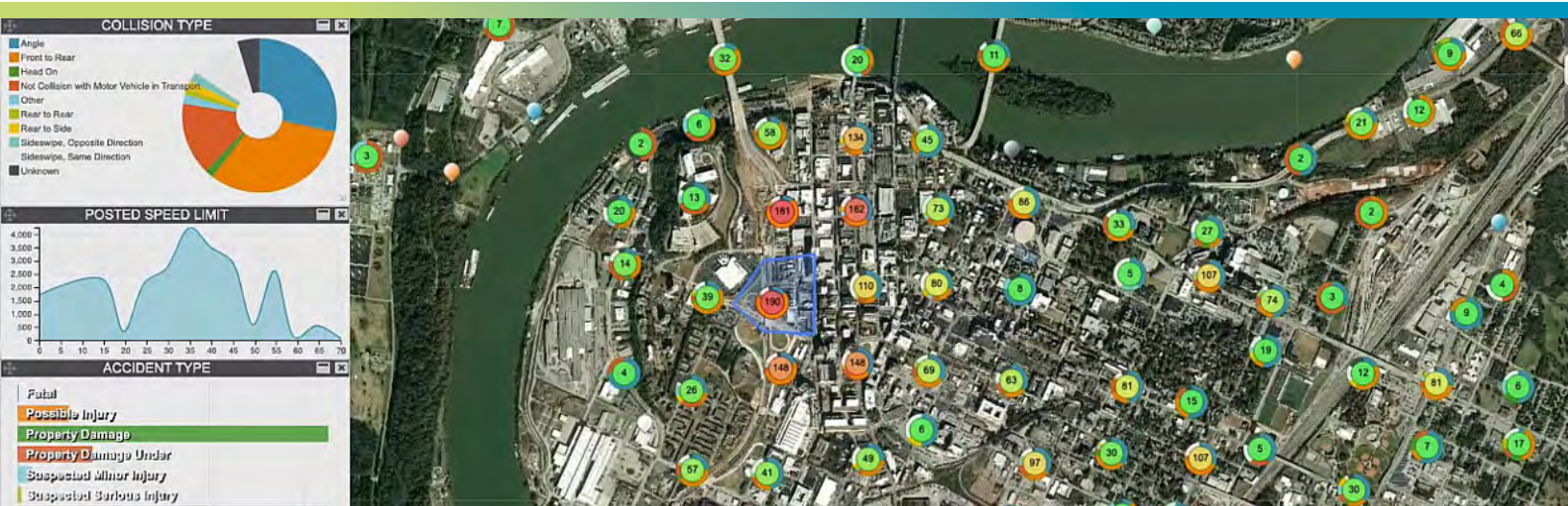# M.App Enterprise



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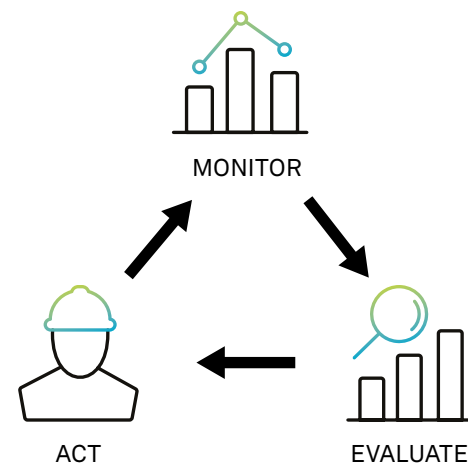
Achieve Smart Monitoring by seamlessly incorporating location intelligence into your enterprise systems and workflows. With stunning visuals and dynamic configurations, M.App Enterprise holds the key to digitally transform operations by allowing organizations to work more productively and efficiently.

M.App Enterprise provides a unified geospatial enterprise platform to create vertical solutions for specific markets and industry segments.

M.App Enterprise 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

- The desktop client provides a full set of GIS functionality designed for semi-professional users.

- The 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 are available for the apps.

- Internal vector data are 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.

- The integration with LuciadFusion lets you connect directly to more than 200 data sources and gives you alternative views of your terrain data.

## 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.

- 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.

## Geoprocessing engine

- Run Spatial Recipes, or spatial models, to analyze data and create custom outputs.

- Offers hundreds of functions, analytical routines and algorithms, including machine learning algorithms-based classification operators that can be used to perform supervised and unsupervised raster and vector classification.

## 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

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## About Hexagon

Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications. Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Safety, Infrastructure & Geospatial division improves the resilience and sustainability of the world's critical services and infrastructure. Our solutions turn complex data about people, places and assets into meaningful information and capabilities for better, faster decision-making in public safety, utilities, defense, transportation and government.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at hexagon.com and follow us @HexagonAB.