



# Asset Inspection Solution

geospatial<sup>®</sup>  
ANALYTICS

**IN** SURVEY  
Site<sup>™</sup>



# Do you conduct asset and facility inspections with spreadsheets or e-form apps?

## The Challenge

To effectively manage a large real estate portfolio, facility managers depend upon data collected regarding the inventory and condition of the assets.

This can require thousands of inspections of mechanical, electrical and plumbing systems. In addition, assets such as roofs, structural elements and parking garages need evaluation, along with interior spaces such as offices, conference areas and restrooms.

To accomplish this, spreadsheets are often utilized as they are inexpensive and easy to implement. However, any costs savings can be quickly lost with inefficiencies in the data gathering process, as well as managing the collected content that resides in thousands of rows and columns in the spreadsheets.

E-form apps can simplify data capture and can definitely improve process efficiencies over spreadsheets. Unfortunately, they can still be relatively inefficient in collecting information, and present similar data management challenges due to limited capabilities for data structuring. Both solutions typically allow for subjective input and cannot support the wide variety of content that needs to be collected.





## The Complexity

There are thousands of different types of assets, all with unique attributes. Often times much of that data is available in a CMMS, but cannot be leveraged in conventional methods of collecting data by spreadsheets and e-form apps. Much of the data has to be created each time an inspection is taken, and information on the assets, as well as results of past inspections cannot be leveraged.

The issues continue to mount, when the results of the inspections are attempted to be aggregated, reconciled with other systems and used to support business decisions. Different data structures and nomenclature can make it difficult to reconcile and integrate the data with other sets of information. Often times the output from the inspections cannot be fully leveraged for advanced reporting and analytics.

Data quality is a common problem in any data collection effort. System controls are often missing or inadequate to prevent subjectivity and errors to occur in the results. Answers to questions, although technically correct, can often provide little guidance on what action needs to be taken.

An integrated asset inspection solution, Geospatial Analytics Survey InSite™ is an agile, scalable, collaborative software to meet today's facility condition assessment challenges.



# The Opportunity

Facility managers need solutions that are fully integrated and flexible. Data that is already available needs to be leveraged in the inspection processes. The collected data needs to be easily utilized in conjunction with other systems, and data collection solutions need to provide additional capabilities besides just delivering a massive set of content. The results of the inspections need to provide accurate content that is actionable.

Benefits of Geospatial Analytics Survey InSite™ :

- More accurate, objective asset data
- Comprehensive inspection information
- Cost savings through efficiencies
- Real time data capture and access
- Fully configurable data fields
- Unique content based on asset type
- Intuitive user interface
- Leverage existing data





# The Solution

Geospatial Analytics Survey InSite™ is a mobile app that offers a fully integrated solution to efficiently gather and utilize the information to facilitate your desired outcomes.

- Leverages existing data from your CMMS and other sources to simplify data collection
- Utilizes a relational database in real time for immediate use and analysis
- Integrates easily with existing systems to provide additional functionality as needed
- Adapts to your organization's specific situation and requirements
- Positions your organization to leverage powerful analytics and optimize the value of an enterprise asset management program
- Supports analyses such as total cost of ownership, asset risk management and capital planning

**Geospatial Analytics Survey InSite™ provides the functionality that your facility managers need to develop business intelligence for strategic analysis, cost management and capital planning.**



# How You Benefit

Geospatial Analytics Survey InSite™ streamlines and benefits your work process through a fully integrated mobile app that:

- Simplifies data capture by system generated content, avoids manual photo uploading and includes time stamps, geocoding and other valuable features
- Provides objective, standardized criteria for a broad range of asset and condition types, enabling consistent input of asset condition across inspectors and facilities
- Enables a more complete inspection inventory via tool prompts on a broad range of asset types and common problems with these assets
- Provides access to automated forms-based processes via mobile devices, reducing data collection time and improves the consistency of reporting
- Facilitates the benefits of more reliable data and easy access to asset information in a single repository





# Powerful and Agile Tool

Geospatial Analytics Survey InSite™ is part of the Geospatial Analytics InSite Platform™ for enterprise asset management. Geospatial Analytics Survey InSite™ integrates with a range of existing data analysis and management solutions. In addition, organizations can use it along with its complementary tools in the Geospatial Analytics InSite Platform™.



## Geospatial Analytics Survey InSite™

is an e-form mobile app and web portal that makes inspections more efficient by reducing the time involved, while improving data integrity. This tool allows for the comprehensive capture of critical information on your real estate assets including type, location and condition. In addition, it is fully integrated with all of the other solutions provided by the Geospatial Analytics InSite Platform™, so your data is immediately available for use and analysis.



## Geospatial Analytics Facility InSite™

aggregates data obtained through inspections, spreadsheets, or system integrations. It enables you to effectively structure your information in a highly configurable environment to conform to your asset naming conventions and standards. The tools relational database is integrated with Geospatial Analytics Survey InSite™ allowing for the seamless creation and modification of asset information.



## Geospatial Analytics Asset InSite™

is an analytics platform that leverages the asset information. Analysis can be performed relative to useful life, end of life replacement costs and business risk to project potential outcomes. Multiple scenarios can be structured allowing your organization to make the optimal balance between cost and risk that is appropriate for your operations. Business intelligence is achieved by enabling an enterprise view of assets and facilitating a strategic program.

Geospatial Analytics Asset InSite™ is used by some of the world's largest companies in retail, finance, healthcare, technology, manufacturing, energy and education. Geospatial Analytics® clients have over \$1 trillion in combined real estate asset valuation.



**Geospatial Analytics InSite Platform™** provides a comprehensive set of strategic technologies to reduce cost, decrease risk and improve asset performance.

**Geospatial Analytics®** software provides a no code environment which allows it to quickly adapt to the unique needs of any real estate organization.

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