



GE Energy's MapFrame™ Mobile Solutions feature a suite of FieldSmart™ applications to automate all field-based work through a map-centric approach. The FieldSmart Inspect™ application is a powerful tool for data collection and inspection. It replaces your paper based processes by automating the display, query, and editing capabilities of facility information contained within the GIS, asset management and other back office systems.

For data collection, the FieldSmart Inspect application combines forms and text information with geographic data. Field users capture data by selecting from lists and filling in form fields. To ensure flexibility, the software interfaces with a variety of devices including standard GPS, laser GPS, and digital cameras. The FieldSmart Inspect application supports the grouping of assets into work projects, thus allowing for the improved scheduling of compliance related work.

For inspections, the FieldSmart Inspect application allows users to query data about existing facilities and update their status using dialogs created according to a company's data model and business processes. The inspection capability can be tied to any inspection type and/or survey of a given client asset. The FieldSmart Inspect application can function as a standalone product or interface with a variety of back office systems that schedule and maintain asset data.

Features & Functions

- Provides an open XML interface for easy integration to your work and asset management systems
- Graphically displays data to be inspected by color coding - showing open and closed inspections & inspections by completion date
- Includes project statistics such as the number of inspections completed today or number of inspections left to complete
- Provides a distribution methodology that allows inspection work to be distributed to specific PCs or users
- Inspection data entry forms can be defined by the customer through the XML interface or pre-built for specific business process needs
- Operates in a wired or wireless environment
- Supports sketch integration and attachment support for documents and imagery
- Collects attribute data along with object and coordinate data
- Supports both scheduled and ad-hoc inspection processes
- Supports asset based field inspections and surveys

Inspection Types for Electric and Gas Utilities

Electric Utility

- Pole audits
- Transformer, streetlight, pad and feeder inspections
- System wide audits
- Storm damage assessment
- Vegetation management.



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Inspection Types for Electric and Gas Utilities

Gas Utility

- Code compliance inspections including meter sets, regulator sets, valve, leak survey, and cathodic protection
- Pipeline integrity field work such as cathodic protection data, third party construction along right of way, encroachments, missing markets, valve accessibility, railroad locations, high consequence areas, bridges

System Requirements

- Runs on any currently supported Windows®-based platform
- Compressed format compatible with existing field and office hardware: pen computer/PDA/laptop/desktop
- Neutral Interface to Data Source Systems: GIS/CAD/WMS/OMS/Dispatch/CIS/Scheduling/Document Management
- FieldSmart Components Needed: Field Flow Manager™, FieldSmart View™, FieldSmart Inspect

For more information visit www.gedigitalenergy.com

Benefits

- **Elimination of the time consuming manual process**
- **Reduced risk** of missing inspection dates
- **Improved process** of tabulating and summarizing inspection data
- **Reduction in time spent converting data** from paper to back office systems
- **More consistency / less mistakes** in data collection
- **Greatly improves speed and efficiency** of the data collection / inspection process
- **Enables “real-time” transfer of important information** such as storm damage data or gas leak data



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