



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 Route™ application responds to operational demands for a mobile routing tool. It is capable of finding the optimal route for the full day of service orders and flexible enough to re-route a crew to an emergency situation. The FieldSmart Route application easily integrates with industry-standard GPS devices, providing a mobile point-to-point routing and navigational system that can provide voice activated turn-by-turn driving directions between mapped assets and/or work orders.

The Route application utilizes client GIS and asset data in conjunction with supplementary street-level mapping data supplied by Tele Atlas or Navteq. The software calculates best-time or best-path driving directions between two or more points – devices, structures or addresses – in the client service territory. The tool operates on any Windows 2000 or XP device, presenting calculated route and navigational details directly on your facility maps through the FieldSmart View™ application. The FieldSmart Route product can also be used with the FieldSmart Standard Interface (FSI)™ to provide Dispatch and Work Management solutions optimal routes between work orders.

Features & Functions

- Displays as routing layer within FieldSmart View
- Determines optimal (shortest time or shortest path) street-level route from point-to-point and highlights route in FieldSmart View display
- Provides real-time turn-by-turn voice activated driving directions
- Supports trucking constraints (weight, height and axle) in calculating routes
- Integrates GPS signal for route start/end points
- R-routes on the fly when original route is deviated from
- Route direction can be viewed textually and printed if necessary

Benefits

By providing crews with on-demand turn-by-turn directions, our clients realize operational efficiencies including:

- **Reduced windshield time** between service orders to lower vehicle expenses and labor costs
- **Enhanced customer service** with higher on-time response rates
- **Minimized need to support additional routing** supplements in operational vehicles
- **Improved coordination with dispatch** and rapid response to unexpected service orders

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

For more information visit www.gedigitalenergy.com

