

Pragma®GEO

Track your mobile resources with a single graphics-based framework

Graphical representations of information from enterprise systems provide utility personnel with an intuitive means of understanding operational data. Accurate location and tracking capabilities, combined with real-time network conditions, can deliver greater security and quicker response times during unplanned events.

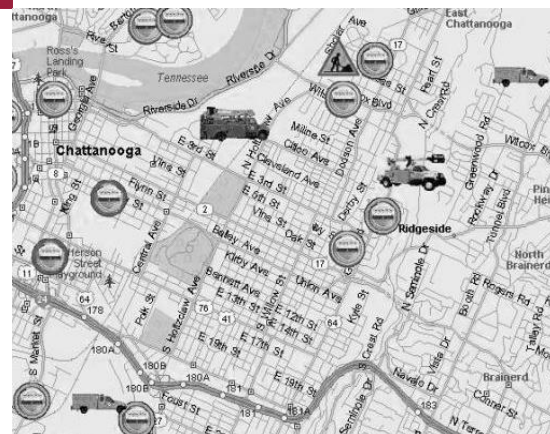
CGI's PragmaGEO solution acts as a common graphical viewer and application framework, providing a dynamic display of mobile workforce management (MWM) data for fieldwork and resource activities.

ON-DEMAND VISUALIZATION

With the integration of HERE mapping technology, PragmaGEO brings superb illustration with powerful and comprehensive dynamic display capability to CGI's PragmaCAD MWM portfolio of applications.

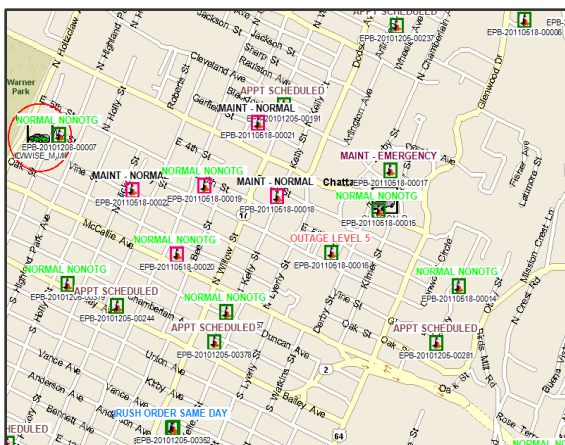
For CGI PragmaCAD clients, PragmaGEO delivers a single graphical console to display crew and work order information in response to application messages initiated from PragmaCAD. Layered visuals and mapping support real-time mobile fleet and resource monitoring in the field.

Using real-time data, PragmaGEO tracks the exact location of field resources including crew information, daily assignments, proximity to service events, and operational status.



KEY FEATURES

- Graphical work order assignment via drag-and-drop capability
- Route optimization with turn-by-turn street-level directions
- View and interrogate facilities data
- Real-time accurate job and crew location data
- Digital representation of GIS facility and circuit data
- Accurate enterprise-wide visibility of workload and availability



With symbol interrogation and drag-and-drop capabilities, PragmaGEO displays comprehensive asset information in relation to field-delegated work and vehicles. Visibility of field activities is improved and viewing a common operational picture helps monitor performance and safety while dispatching work based on exact location.

Completely integrated with HERE mapping technology, PragmaGEO keeps track of your mobile resources with a single graphics-based framework to monitor field assignments, work, and asset information while optimizing the scheduling process.

DYNAMIC GEOGRAPHIC AND VEHICLE LOCATION

PragmaGEO assimilates location-based data from various sources to create layered, on-screen visual representations of field crew operations.



GPS receivers calculate the latitude and longitude of any given vehicle, and a combination of options further refine the accuracy of geographic positioning to five meters or less.

Location intelligence of resource assignments, ordered sequences and schedules deliver accurate street-level routing. Optimal service routes are sequenced with turn-by-turn directions to minimize driving time and distances, while meeting operational constraints and customer commitments. GPS historical data allows PragmaGEO to generate breadcrumb trails for a crew's route on any given day.

HIGH-DEFINITION VISUALS FOR NETWORK-CENTERED SERVICES

PragmaGEO equips dispatchers and operators with a powerful and responsive tool for creating and refining operational strategies based on real-time data and representations of network connectivity models. Files imported from the utility's Geospatial Information System (GIS) are presented as overlays, displaying graphical land base layers with information relevant to electric and gas distribution operations that help enhance a utility's situational awareness for greater security and quicker response to the impacts of unplanned events.

BENEFITS

- View and analyze work order and crew data on a common graphical framework.
- Improve response times to increase the quality of service delivery to customers.
- View real-time location and status updates for better dispatching decision control.
- Improve the security and safety of field resources.

ABOUT CGI

Founded in 1976, CGI is a global IT and business process services provider delivering a portfolio of industry-centric software solutions coupled with high-quality business consulting, systems integration and outsourcing services. With 65,000 professionals in 40 countries, CGI has an industry-leading track record of on-time, on-budget projects. We partner with utilities across the globe to provide the knowledge and expertise to enable automation of the industry's best practices for enterprise asset and resource optimization.

For more information about CGI, visit www.cgi.com/utilities or email us at info.util-sol@cgi.com.