



PragmaVIEWS

High-Definition Visuals for Network-Centered Services

CGI offers a complete range of information technology and business process services and is committed to provide its clients with solutions that meet their needs.

Our Utility Solutions team focuses on providing industry-leading solutions and services that span the horizontal workflow between clients, control rooms and crews, benefiting a global client base rooted in the electric, gas and water utility markets. CGI enables the real-time management of mission-critical processes by offering a feature-rich and field-proven solutions portfolio.

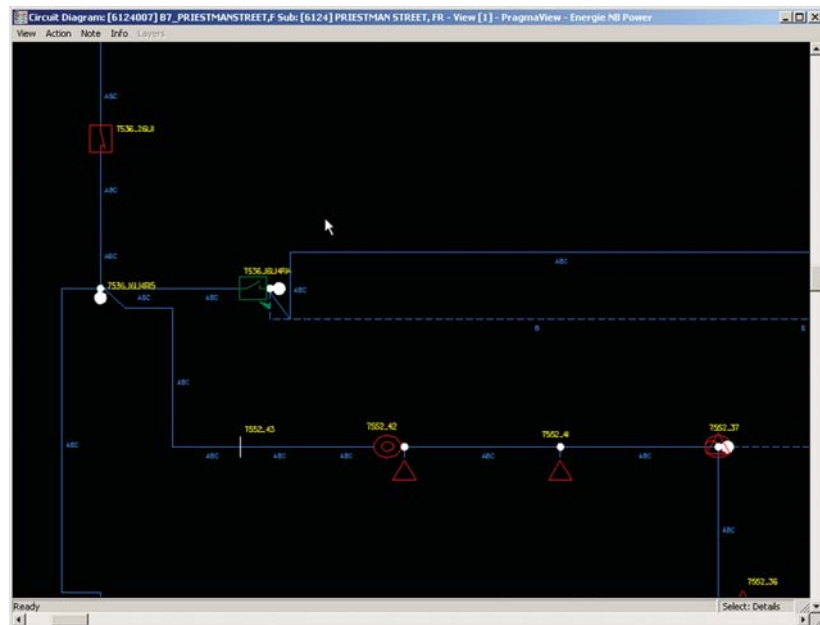
A PICTURE IS WORTH A THOUSANDS WORDS. HOW DO YOU GET THE BIG PICTURE?

PragmaVIEWS

PragmaVIEWS is the dynamic, geo-spatial display module in the CGI Outage and Network Management Solution suite. Originally designed to provide real-time representations of connectivity models for utilities, PragmaVIEWS is easily extended to include the needs of any network-centric service provider.

How PragmaVIEWS Works

PragmaVIEWS displays and interacts with a connectivity model generated by a utility's GIS data. This data is imported with the GISImport connectivity validation tool, and the outage data is directly accessed through its network connectivity database. The GISImport application generates the graphical data displayed within PragmaVIEWS, while other components and interfaces of the ROMS product suite are used to dress the circuit diagrams with the most up-to-date information available. PragmaVIEWS automatically generates all graphics and real-time views of all events and feeders derived from its relational database, which includes all network connectivity data as well as all event information.



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How PragmaVIEWS Works For Your Business

PragmaVIEWS provides:

- **Location and Navigation**

Accurate and sophisticated location and navigation capabilities for rapidly identifying and displaying circuit devices, geographic location, lines, required segments and all available statuses. Fast, high-resolution graphical displays with fully supported annotations, clutter/declutter, overlapping, pan, zoom and print features available to all display formats.

- **Real-time Display**

Dynamic data management, where all operations -related information beginning with call-information collection to the closing of the incident is immediately reflected in the system database with the device as the common point. Display of opening and closing of switches. Transmission of network properties derived from SCADA systems to reflect real-time operations.

- **Intelligent Views**

Real-time display supported by intelligent, interactive database query system, where the operator can easily retrieve connectivity data related to job packets or other events represented by their respective icons. Breadth and depth of informationquery process.

- **Geographic Display of Circuits**

Geo-schematic and layered representations of the circuit and switching procedures. Easy and quick access to detailed device or event information. PragmaViews equips dispatchers and operators with a cutting edge, powerful and responsive tool for creating and refining operational strategies based on real-time data and representations of network connectivity models.



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