PQView® for Smart Grid

⫽ **Data Integration**

⫽ **Database Management**

⫽ **Automatic Reporting**

⫽ **Automatic Fault Identification & Location**

Reduce Time to Locate Faults
Reduce Time to Classify Fault Types
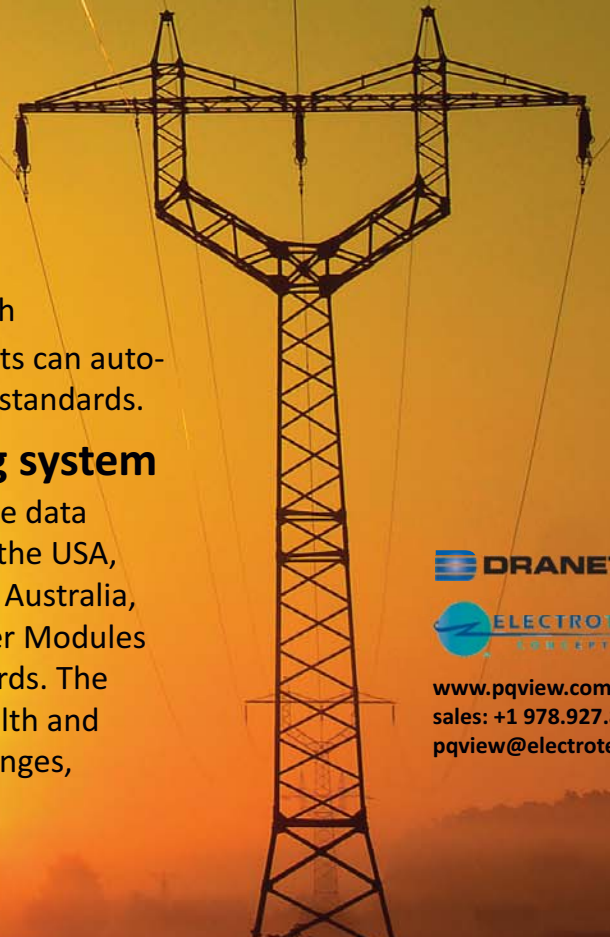# Reduce Time to Restore Power

PQView Data Manager integrates data from microprocessor relays and digital fault recorders compatible with IEEE® COMTRADE, PQ monitors compatible with IEEE PQDIF, smart meters, relay operations, and SCADA historians into an open relational database.

PQView Fault Analysis Modules automatically combine electric power systems recordings with data from SCADA, GIS, and network topology to provide estimated fault location and to send an alarm to the operations personnel, reducing the time to locate faults by hours.

PQView Report Writing Modules prepare both industry standard reports and custom reports. These reports can automatically document compliance with local regulations and standards.

The Encore® Series Smart Grid monitoring system provides monitors and **Smart Grid** sensors for network wide data acquisition. Encore is a proven system with installations in the USA, South America, Europe, Singapore, Malaysia, China, Korea, Australia, and New Zealand. It includes the Encore **Smart Grid** Answer Modules that automatically classify fault types by IEEE or IEC standards. The **Smart Grid** Answer Modules® automatically assess the health and direction of capacitor switching, record reactive power changes, and the direction of voltage sags.

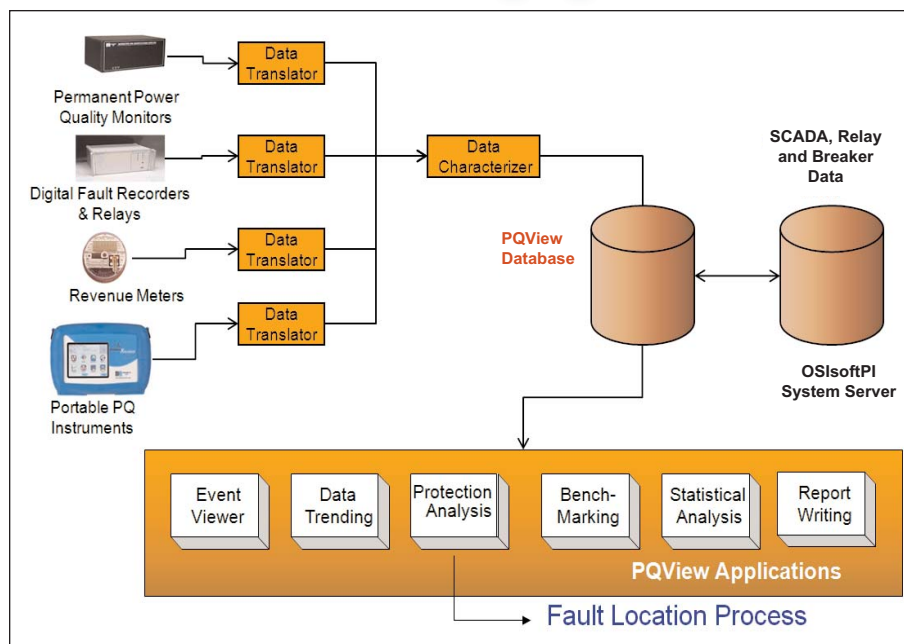**DRANETZ™**

ELECTROTEK

www.pqview.com
sales: +1 978.927.8755
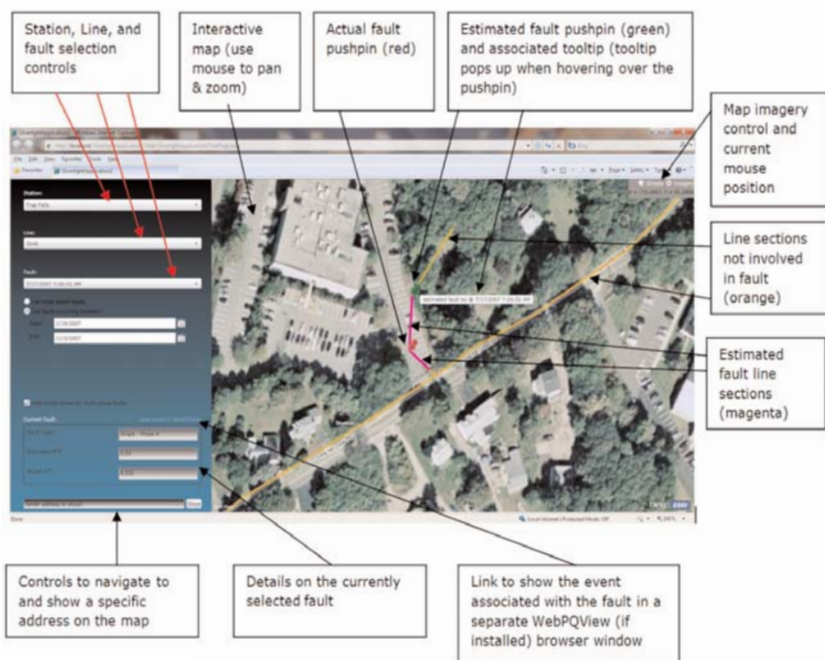pqview@electrotek.com

About PQView®   www.pqview.com

PQView is a multi-component software system developed by Electrotek Concepts and EPRI for building and analyzing databases of power quality and energy measurements. Its components build measurement databases, write summary reports, compute power quality indices, view waveforms and rms samples, and trend steady-state quantities via workstations and web browsers. Power providers, industrial power consumers, consulting companies, and university researchers throughout the world widely recognize PQView for its capabilities and flexibility.
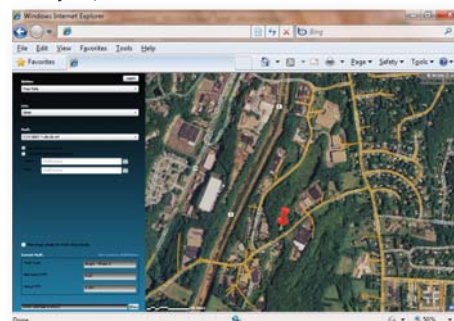

PQView helps build databases with billions of measurements from thousands of monitoring points taken by many different types of meters, including power quality monitors, voltage recorders, in-plant monitors, and digital fault recorders. It can evaluate the financial impact of events to both a power provider and a power user. It can quickly extract meaningful information from a one megabyte or one terabyte database.
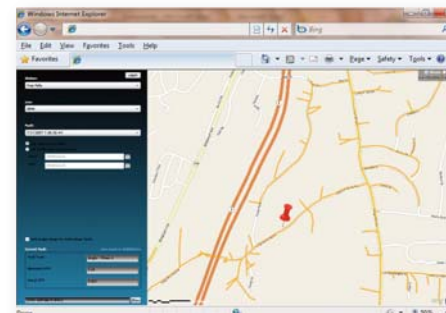
PQView combines powerful features in a user-friendly interface. Measurements can be stored in either Microsoft® Access or Microsoft SQL Server. A complete PQView system consists of three main applications: the Power Quality Data Manager (PQDM), the Power Quality Data Analyzer (PQDA), and PQWeb®.

Same fault, but the user has zoomed out:

Now switched to street-view mode:

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