



DATA HISTORIAN SOFTWARE

T&D



eDNA is a leading real-time data historian for acquiring, storing, and displaying large amounts of operations and engineering information. eDNA collects data from deep within the enterprise and stores it in a highly compressed format, allowing decades of high frequency time-series data to be stored online in its original resolution. eDNA extends this real-time and historical data across the entire enterprise, enabling accurate and timely performance-based decisions that improve operating costs.

Within T&D, data is collected from a wide variety of sources from substations through individual meters. With all of this data being collected, it is necessary to have a central repository as well as a unified system for representations and analysis of the data. With the technological advances in substation automation, more and more information is becoming available for use. With eDNA this new information can be seamlessly and inexpensively integrated into the eDNA system, bringing all information to the desktop – ensuring *the right people* are making *the right decisions at the right time*.

Real-time Performance Management

- Collect, analyze, view, and report real-time information
- Long-term online archive for time-sequenced data
- Features Include:
 - Trending
 - Graphical Display
 - Calculation Engine
 - Excel Add-In
 - Alarming Service
 - Notification Service
 - Open API for Custom Development
- Unified data repository for consolidating data sources
- Over 200 standard interfaces (DCS, PLC, SCADA, EMS, RTU...)

Applications

- **Substation Automation**
- **Online Equipment Monitoring**
- **Performance Optimization**
- **Predictive Maintenance**
- **Corporate Dashboard**
- **Post-Incident Analysis**



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