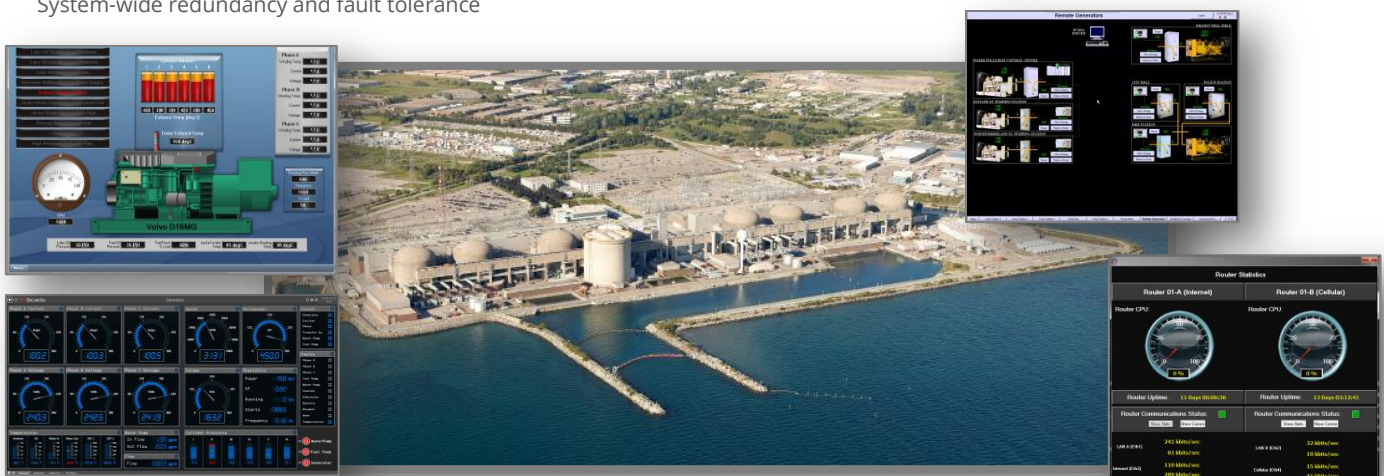


Trihedral Engineering Services

Power Generation

Trihedral's award winning engineering team has been providing design, integration services and premium support to the power generation industry for over 20 years. The company's growing customer base includes many repeat customers, testament to the team's outstanding service quality. Trihedral's power applications are reliable and scalable, often incorporating complex functionality such as:

- Modern and legacy control system (PLC, RTU, DCS, IED, meters) integration
- Business system and third-party historian interconnectivity
- System-wide redundancy and fault tolerance
- Self-health monitoring and system diagnostics
- Software-based equipment control lockout and tagging
- Distributed configuration management
- Custom report generation



One of the largest power generation utilities in North America, Ontario Power Generation, is a long-time Trihedral customer, and has employed our engineering services for a variety of large scale SCADA and custom software solutions, such as:

- Province-wide SCADA system
- Monitors 442 transmission lines, 223 generators (hydroelectric, nuclear, fossil), and 164 revenue metering sites
- Niagara Plant Group SCADA
- Monitoring and control of 3 large hydro-electric generating stations at Niagara Falls (Canadian side)
- Central Hydro Plant Group SCADA
- Monitoring and control of 26 remote hydro-electric generating stations
- Water Record Accounting (WRA)
- Custom water use monitoring and reporting system required for compliance with US/Canada treaties
- Energy Dispatch System (EDS)
- Custom energy application for real-time dispatching and compliance tracking to control centers for hydroelectric and fossil generating stations

The team also provides customization services, remote support and onsite support to its international VTScada OEM Partner community. These Partners specialize in applications such as real-time precipitator optimization, turbine management and power system SCADA. Emergency Response (Premium 24/7 or 8/5 Support) services are available to customers requiring high-reliability and guaranteed uptime.

Customer Testimonials

"I can state unequivocally that 'providing quality products with exceptional services' is not only part of your (Trihedral's) mission statement, but that it really is part of your business culture." - Craig Corzine, President, CSE Engineering Inc., CA`.

VTScada is a trademark of Trihedral Engineering Limited