



The Solutions Provider

Within QEI's HMI software, **QVISION**, there is a Transformer monitoring application that can provide the real-time monitoring and management capabilities of your most critical asset both locally and/or back to the Control Center.

QEI's Smart Transformer Monitoring provides for a real-time, continuous picture of your substation power transformer's condition. Smart Transformer monitoring uses your existing sensors to monitor various parameters of your transformer to include:

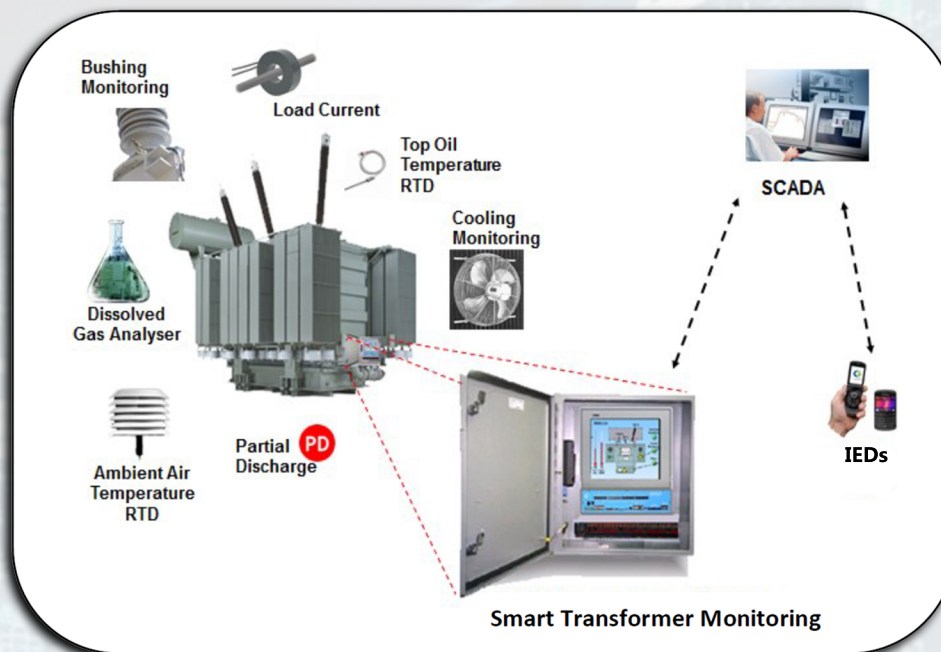
- Oil temperature
- Cooling fan on/off status
- Bushing status
- Dissolve gas data
- Ambient temperature
- Load current
- Partial discharges
- Load tap changer values

Smart Transformer Monitoring gathers this data and reports the back through your SCADA system, to provide you continuous oversight and the alarming of unusual conditions so that

QVISION

Transformer Monitoring

Local HMI Provided for Intuitive Indication of Critical Transformer Parameters



- ◆ Provides local displays for easy understanding and interpretation of what is happening to the transformer
- ◆ Supports third-party sensing devices such as temperature sensors, gas monitors, and other common transducers
- ◆ Can deliver alarms and notifications directly to personnel mobile devices at any time.
- ◆ Can be retrofitted to existing transformers to address the needs of aging equipment
- ◆ Provides for 24/7 review of critical values to forestall early failures
- ◆ Uses and enhances the capabilities of your SCADA system.

QEI, LLC founded 60 years ago, has been serving the Electric Utility market with products and services in Distribution/Feeder Automation, Substations and Control Rooms. As an ISO9001:2015 Registered Company, QEI offers a dedicated fully staffed Customer Service department to support all our hardware and software products with in house product repairs, onsite startup/commissioning services and training in a location of your choice, and more. **QEI, "The Solutions Provider" we look forward to serving your needs.**

