Doubletree Systems Inc.

# SA200 - Substation Automation

## MAIN FEATURES

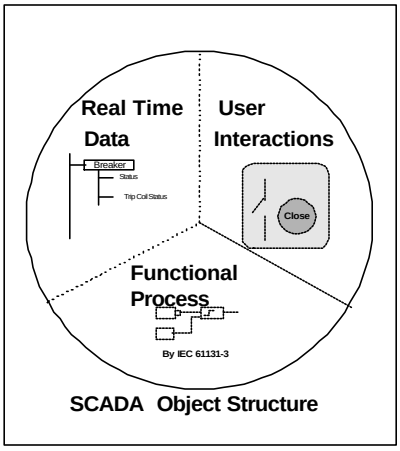
- Self-Healing Fiber Ring 10/100 Mb Ethernet as Substation Bus
- Uses standard IEC 60870-6-104/DNP3.0 as Substation Bus Protocol
- Integration of Substation Automation & Equipment Condition Monitoring
- Windows NT/2000 and Linux Platform & Object-Oriented Application Design
- Interfaces to third-party Applications such as Maintenance/Asset Management systems

## CONDITION MONITORING MODULES

- Motor Signature & Runtime Monitoring
- Breaker Condition Monitoring
- Gas-in-oil Monitoring
- Transformer Thermal Modeling & LTC monitoring
- SF6 Density/Leakage Rate Monitoring
- Bushings insulation Monitoring
- Battery Condition Monitoring

## SUPPORTED IEDS

- Optimizer+, Hydran, TrueGas, IDD, SOS, LTC-MAP 1525, etc[1]
- SEL's relays, Siemens, ABB, and XJ, etc [1]
- IEC60870-5-103 Relays
- IEC60870-5-104 Relays
- IEC60870-5-101 RTUs
- DNP 3.0 Devices
- Modbus Devices



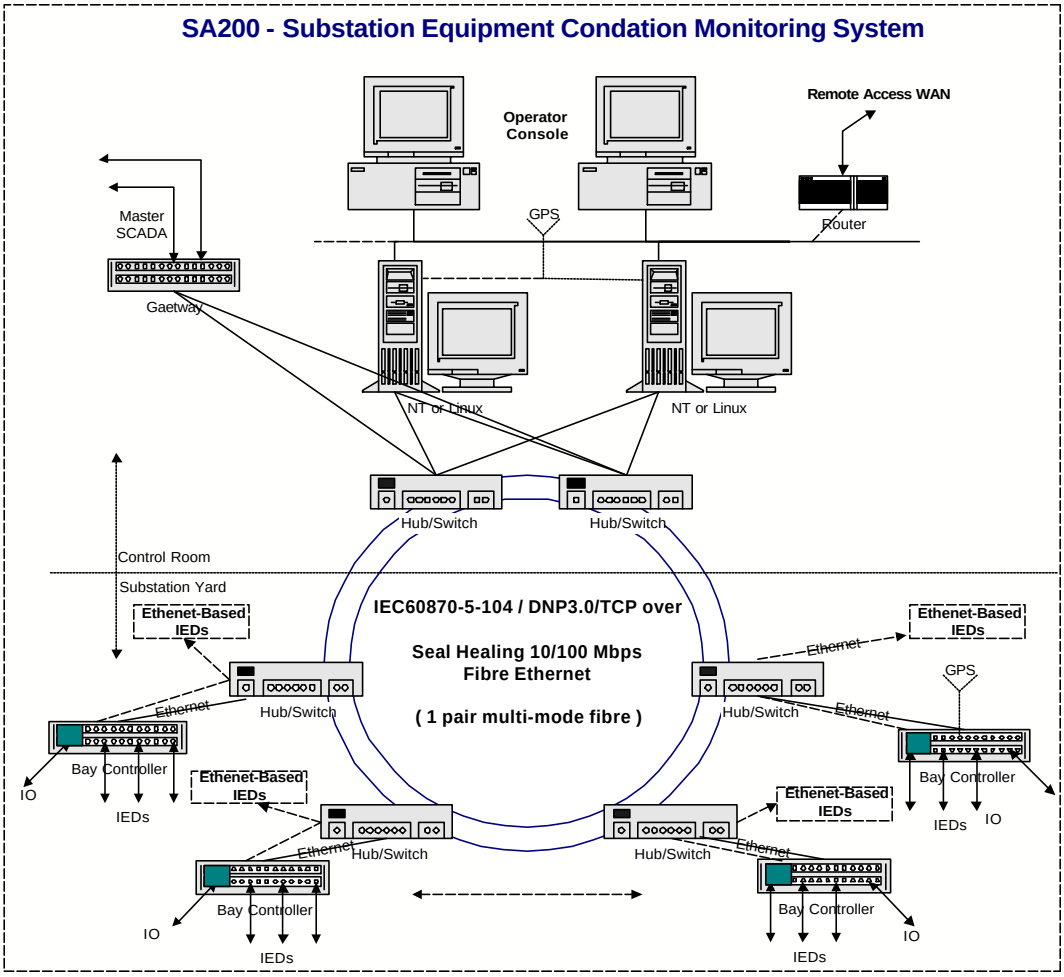
SCADA Object Structure

## HMI FEATURES

- Pan/zoom Full Graphics
- Object-Oriented Application Definition
- Historic Data Archives
- Built-in IEC 601131-3 Support
- NT & Linux Support
- Built-in Web Sever
- Built-in Live Video Support
- Email Alert/Report of the Condition Monitoring

Web Page: www.dsius.com Email: info@dsius.com

## CONFIGURATION




**Note 1: All the names are other vendors' brand names or trademarks respectively.**