

IEC 61850

Solutions for CitectSCADA & Vijeo Citect

Overview

- What is 61850?
 - It is more than just a protocol
 - It also includes
 - Object model
 - Tag naming convention
 - Devices are self-describing
 - Standardized configuration language

The Protocol

- Some Key features of the 61850 Protocol
 - Supports Time-Stamped Data
 - Supports Data Quality
 - Supports Report By Exception
 - Integrity Scans
 - Periodic Reporting

Beyond the Protocol

- Additional items that can be achieved inside SCADA systems
 - Object model
 - Only base objects should be defined
 - Tag naming convention
 - Longer Tag Name Support
 - Self-describing
 - Import tags from the OPC Server

Solution

- Combination of Specialized Products
 - Generic Citect OPC Driver
 - Third Party 61850 OPC Server
- 61850 Whitepaper – Due Q3, 2009.
 - Report on a Tested Third Party 61850 OPC Server