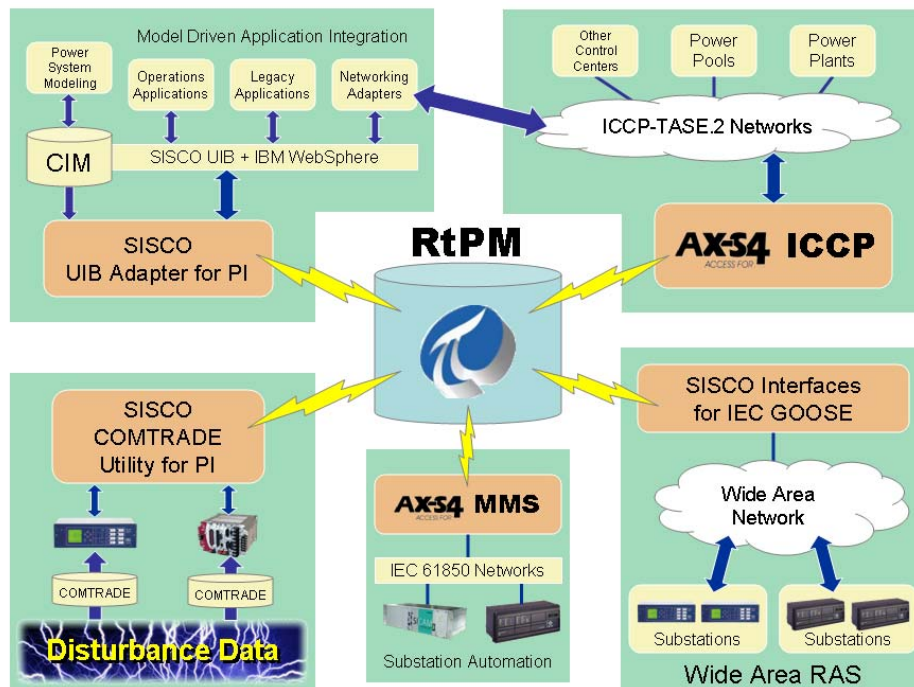




# Enabling the OSIsoft® PI System With Support for Industry Standards

- ✓ **Control Center – EMS – Communications with ICCP-TASE.2:** SISCO's AX-S4 ICCP product provides a bidirectional to the OSIsoft PI System enabling integration with SCADA/EMS, control centers, and power plants using the ICCP-TASE.2 protocols.
- ✓ **Common Information Model (CIM):** SISCO's Utility Integration Bus (UIB) Adapter for PI enables the PI System with CIM power systems models and enables integration of PI data across the enterprise using a standards-based service oriented architecture (SOA).
- ✓ **IEC 61850 for Substation Automation and Integration:** SISCO's AX-S4 MMS product enables the PI System with IEC 61850 for integration with devices in substations and over wide area networks for substation automation and wide area remedial action schemes (RAS).
- ✓ **COMTRADE Disturbance File Utility:** SISCO's COMTRADE Utility for the OSIsoft PI System brings disturbance data from COMTRADE and PQDIFF files into the PI System enabling advanced analysis and archival of power quality data.





# The Standards Based Integration Company

DistribuTECH 2007 Update



## About SISCO

SISCO, Inc., founded in 1983, has established itself as a leader in standards based integration and communication for utilities. Today our capabilities are used in a wide variety of industries from electrical and gas power transmission, distribution and generation to automation and manufacturing. We work with both end users and OEMs serving those end users. SISCO's ability to partner with other OEMs and integrators allows us to deliver more capabilities at a lower cost resulting in better solutions for the user. SISCO has demonstrated leadership in working with OSIsoft to deliver solutions to users based on international standards:



- Utility Integration Bus (UIB) a CIM enabled message bus based integration technology based upon a service oriented architecture (SOA) for enterprise integration of heterogeneous applications in the real-time enterprise using IEC 61970, IEC 61968, OPC, and ISA standards.
- Real-time communications and networking based upon open, public, and international standards such as:
  - ▶ Inter-control Center Communications Protocol (ICCP) per IEC60870-6 TASE.2
  - ▶ IEC 61850 Object Oriented – Model Driven Substation Automation

### Visit SISCO At:



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And see the following products demonstrated:

**AX-S4 ICCP:** ICCP-TASE.2 interface for RtPM/PI

**AX-S4 MMS:** IEC 61850 interface for RtPM/PI

**UIB Adapter for PI:** CIM Models for RtPM/PI

**COMTRADE Utility for OSIsoft RtPM/PI System**



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