

# AVEVA PI SYSTEM™

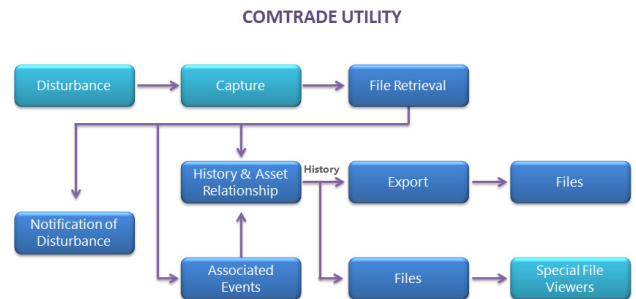
Products



## COMTRADE UTILITY

SISCO's COMTRADE Utility works with the AVEVA PI System™ to provide powerful analysis and display tools for processing device disturbance files supporting the IEEE COMTRADE format. COMTRADE Utility turns PI System into a powerful disturbance analysis system and file archive that simplifies and manages the storage of disturbance files.

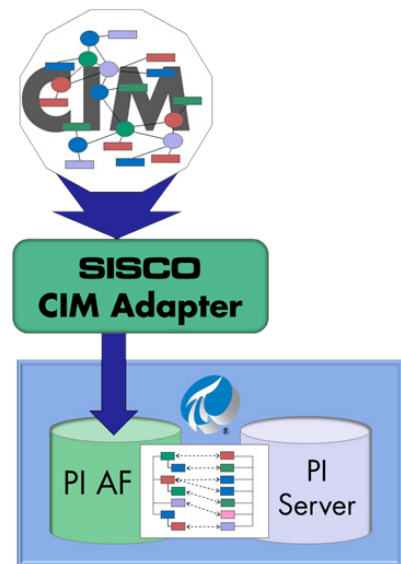
- Supports acquisition and PI Tag integration of COMTRADE and PQDIF information
- Integrates with PI Notifications™ to allow email alerts of new files/events
- Utilizes PI Event Frames™ to associate events with assets in PI AF
- Supports export of PI System information into COMTRADE file format



## CIM ADAPTER

The SISCO CIM Adapter processes modeling information, such as a network connectivity model, and automatically configures the PI Asset Framework™ (PI AF) for those points that are being historized by the PI Server™. CIM Adapter organizes the PI Tags within the context of models familiar to the user such as the IEC Common Information Model (CIM) per IEC 61970/61968 or a user-defined data model.

- Works with customer defined models, models derived from applications, or industry standard models such as CIM, IEC 61850, ISA, etc.
- Imports XML model definitions and network connectivity information into PI AF
- Can auto-create PI Tag names based upon the model definitions
- Supports model synchronization between the PI System and external systems via SISCO's Utility Integration Bus (UIB)

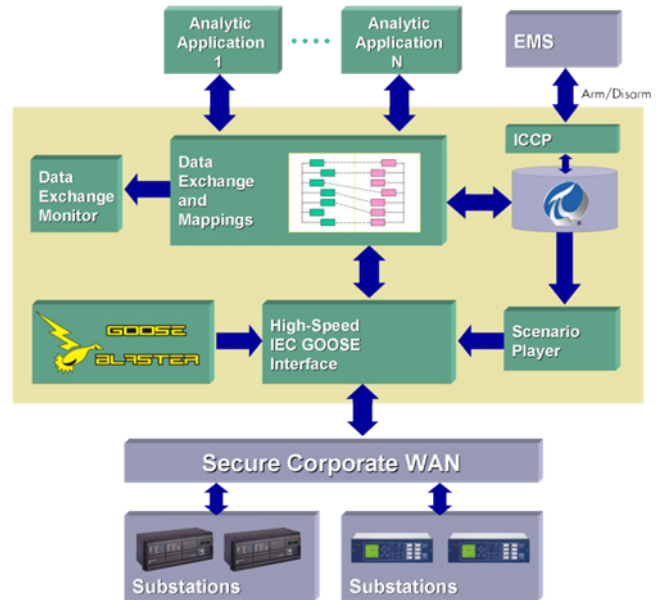


## UNIFIED ANALYTIC PLATFORM

SISCO's Unified Analytic Platform (UAP) provides a high performance environment for the development, debug, and enhancement of analytic applications to support synchrophasor processing and other wide area control algorithms.

UAP provides a unique structured environment that integrates development, testing, simulation, results analysis, reporting and algorithm improvement processes into a unified platform for analytic applications based on the AVEVA PI System. The Unified Analytic Platform provides an environment for high performance analytic applications:

- Real-time analysis and calculations on synchrophasor and other data streams
- Detecting abnormalities in data streams for real-time and predictive alarm generation
- Wide Area C-RAS for better control and mitigation of contingencies



## IEC INTERFACES

SISCO's AX-S4 family provides IEC 61850 AND ICCP-TASE.2 interfaces that support all functions needed for a wide variety of applications including automation, protection, and control in substations, wind farms, control centers and power plant dispatching.

- For IEC 61850 client functions, AX-S4 61850 provides access to all services for monitoring, reporting, control, GOOSE and more
- Automated report handling combined with PI Interface buffering makes setup and data collection easy and reliable
- For ICCP, AX-S4 ICCP supports the most common ICCP-TASE.2 data collection and control functions for both client, server and redundant systems
- Remote value/tag discovery and auto reporting functions simplify bilateral table configuration

