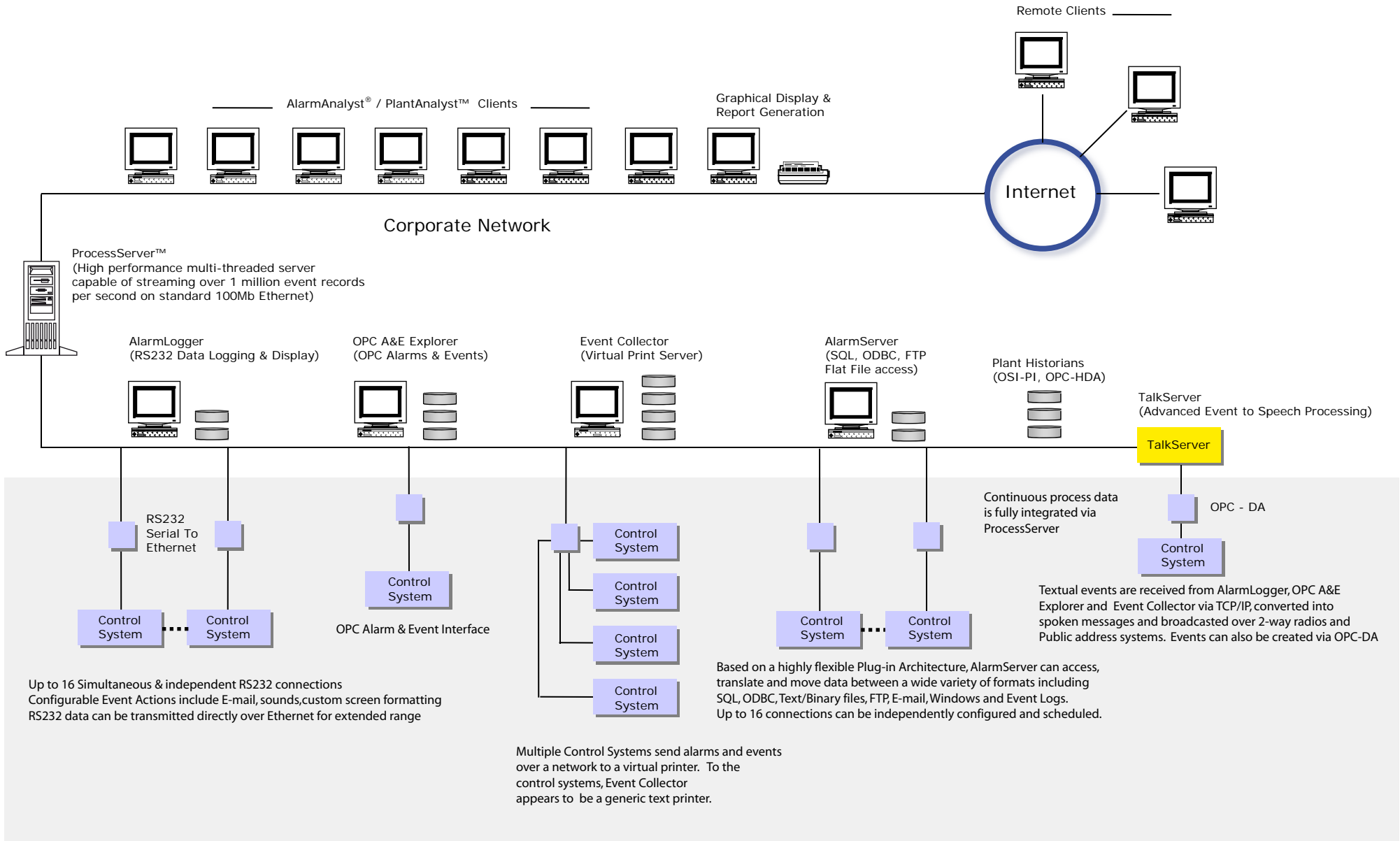


Technology Overview





AlarmAnalyst® - Product Overview

All applications can be installed directly into the customer's existing networks and systems - There are no special hardware or software requirements. The following provides a brief summary of the applications used within the AlarmAnalyst system:

AlarmAnalyst Clients:

Clients provide the graphical user interface. Two versions are available both having identical user functionality:

Version 7 - For use over a LAN or Internet. Clients connect to ProcessServer which provides central administration and access to multiple data sources including continuous data from OSI-PI servers. Use this client in large-scale deployments or when Internet access is required.

Version 6 - Use for local data source file access or when network security prevents ports from being opened on client PCs. This client requires that data source files be shared for network access.

Process Interface:

Overview: The following applications are used to access data. The data access requirements of the system(s) being connected will define what applications are needed. Data translation is completely configurable and allows virtually any type of data to be defined and captured. Incoming data is mapped using industry standard Regular Expression Syntax. 100,000 events will consume about 1MB of disk space allowing years of data to be maintained on-line.

- 1. AlarmServer** - Used when data needs to be accessed and moved into and out of various databases and file formats. Supports all major database formats including SQL and mechanisms such as FTP. AlarmServer schedules the operation of plug-in modules which automates all aspects of data access and translation.
- 2. AlarmLogger** - Used for RS232 data collection and textual display. Up to 16 RS232 connections can be independently configured. "Event Actions" can be assigned to trigger e-mail, text to speech and sound playback. All data logging and screen formatting options are configured per RS232 connection. AlarmLogger can be used stand alone for printer substitution. Optional Serial to Ethernet Servers allows RS232 data to be tunneled over corporate LAN's for centralized data logging.
- 3. Event Collector** - Provides a virtual print server that alarms and events can be printed to locally and across a network. Fully handles multiple printer jobs sent from different sources.
- 4. OPC Alarm & Event Explorer** - Used to access data via OPC Alarm and Events.