



FAST & OPC: Plant View Suite

No limits communication for industrial world

OPC Technology



OPC is the most up-to-date worldwide interoperability standard for industrial automation and process control. It is concerned with data exchange among production devices, business/office applications and production management tools (MES).

The huge benefit for the users is proven: greatest operating efficiency, lowest interfacing costs, immediate data availability. Mission of **FAST, active member of OPC foundation**, is the greatest diffusion of OPC technology.

Integrated VBA



Plant View integrates the really powerful MicroSoft Visual Basic for Applications (VBA) development environment. VBA allows the developer to customize the supervision in many different ways, in order to satisfy any requirement.

FAST presents **Plant View Suite**, a group of modular components based on OPC technology and Client/Server architecture which allow a full plant management.

Plant View Editor
Plant View Custom



OPC servers

Plant View can be directly connected with OPC servers from different hardware suppliers (PLC, DCS, controllers).

SCADA (Supervision, Control and Data Acquisition) very easy to be used, powerful and reliable, it is the best solution for building control, supervision and management applications both for production plants and single stations (**HMI**).

Plant View follows OPC specifications

- **Client OPC DA** (Data Access)
- **Client OPC A&E** (Alarms and Events).

FAST develops its own OPC server based on the following protocols:

- **ModBus RTU**
- **ModBus TCP/IP**
- **Siemens S7 TCP/IP**
- **Siemens S7 MPI**
- **Profibus DP**
- **Omron Host Link**
- **Omron Fins (Ethernet)**
- **Omron Fins (serial)**
- **GE-Fanuc Ethernet**
- **GE-Fanuc SNP**

Fast can creates other servers based on customer requirements

OPC Tunneling

FAST realized a software tool able to drive data computed by any OPC client application from and toward any other **Server or Client OPC**.

It acts as a gateway to make any OPC DA client application (i.e. a Visual Basic application) become also an OPC DA server exposing data to other OPC DA clients. This tool can be very useful in integrated systems where process control is linked to higher level data management (i.e. MES/ERP).

Plant View Historical Trends modules for historical data complete management. Includes Configuration tool, Data Logger and Viewer. The specified data are acquired from OPC servers and, once saved on database, can be viewed or exported to spread sheets to be analyzed.

Plant View Report Generator : creates production reports and statistical analysis on data coming from OPC servers.

Plant View Maintenance: module for complete maintenance management. Maintenance actions can be scheduled based on time periods or data coming from OPC servers, like working hours counts or start-stop events of a device. Tracking of maintenance activities is also included.