CONTROLSHOP OVERVIEW

ControlShop™ is a SCADA (Supervisory Control And Data Acquisition) software suite containing a collection of clients and ActiveX® servers that allow read/write data transfer from PLCs or intelligent I/O to other applications. ControlShop can be used to take control of PLC data, produce efficiency and productivity reports, and calculate run-time data. ControlShop has the capability to do more than most SCADA software products at a fraction of the cost. Separate applications with common interfaces—including data logging, trending, alarm annunciation, and batch management—allow for lower prices and faster response times. This SCADA software is compliant with OPC Data Access Standard communication drivers and compatible with all FasTrak SoftWorks PLC WorkShop™ programming products.

Offering unlimited data points with no additional or hidden costs, ControlShop allows you to optimize your manufacturing processes through the monitoring of factory floor hardware. Communication—through the use of OPC servers—allows ControlShop to work with virtually any PLC, RTU, or hardware device.

Use *ControlShop* to:

- Record real-time data based on event, deadband, or timeframe
- Trend real-time and historical data from multiple PLCs
- Monitor data points and alert for specified conditions using various alarm types
- Simultaneously write values to a group of addresses within one or more PLCs

CONTROLSHOP FEATURES SAVE TIME AND MONEY

Cost Effective	Convenient and Easy to Use
• Offers unlimited data points with no additional or hidden costs • Saves time with quick and easy start up; cuts down on training costs	• Allows multiple FasTrak SoftWorks applications to communicate and share information at the same time • Has been designed for 32-bit Windows with very few steps to get started
Flexible	**Comprehensive**
• Data can be accessed from any PLC or RTU device • ControlShop is compatible with any application that supports ActiveX controls including Microsoft Excel®, Microsoft Visual Basic®, Visual C++®, Microsoft Internet Explorer, Windows® Scripting Host, and others	• Includes OPC Data Access Standard Communication Drivers for all 32-bit PLC WorkShop products, which can also be used with OPC-compliant SCADA clients, to insure maximum data reliability • Contains sample visual components including meter, gauge, and digital

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FTLOGGER / FTTRENDER

Because it is most useful to log and trend data, FTLogger and FTTrender are combined into one package as a cost effective and convenient option for your data tracking needs. In addition, FTLogger and FTTrender can be launched automatically from FasTrak SoftWorks PLC WorkShop programming software products. FTLogger / FTTrender can record data as fast as the PLC it is connected to can relay that data—with sample rates better than .10 seconds, depending on the number of data points and communication type being used. FTLogger and FTTrender are OPC compatible and can be used with any OPC Data Access Standard driver.

FTLOGGER

FTLogger collects real-time data from multiple PLC devices and logs it to multiple database platforms. Addresses are entered into a spreadsheet format with up to 30,000 addresses per log window. Data is logged based on a specific timeframe, deadband, or event. A log sheet displays the device, address, tag, and description for each point being logged, along with the current value, the time stamp of the latest reading, and the communication status.

FTLogger Features
- Collection and logging of unlimited data points
- Ability to span database files based on size or time
- Data scaling
- Row-based and column-based configuration
- Ability to establish PLC and server backups from which to read data
- Hidden and protect mode security options
- Ability to stop data that doesn't change (deadband) from recording
- Ability to acknowledge the capture of data to the communicating device
- Data storage within standard Microsoft Access 97/2000 or SQL format
- Ability to store data continuously

FTTRENDER

FTTrender graphs real-time and historical (logged) data from multiple devices. A data trend is illustrated by graphing a series of data values collected for a data point over a period of time. Real-time access to devices is handled through communication drivers, and the logged data comes from a Microsoft Access or SQL database file created by FTLogger or FTTrender
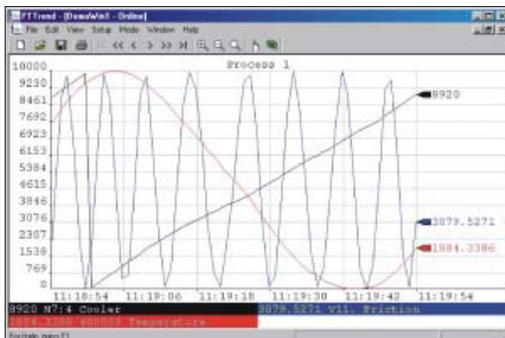
FTTrender Features
- Unlimited number of graphs and data points
- Ability to display real-time and historical data on the same graph
- Capability to export to trend history file allowing keyless view
- Capacity to trend multiple PLCs and PLC vendors on one graph
- Ability to trend spanned database files
- Marker pens, which show the current value of each data point
- Capacity to share the database with other FasTrak SoftWorks applications

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FTALARM

FTAlarm is OPC compatible and can be used with any OPC Data Access Standard driver. FTAlarm monitors data points specified by the user across multiple PLCs and alerts for alarm conditions. The user interface consists of a list (spreadsheet) view and a graphic view. FTAlarm has the ability to alert when a problem occurs, as well as when a task has been completed successfully.

FTAlarm **Features**
- Unlimited number of alarms
- Multiple alarm types such as text-to-speech, WAV files,
- email, pager, and phone
- Remote access and control via telephone
- Graphical representation of factory status
- Millisecond precision when viewing alarm history
- Alarm and call tracking via database
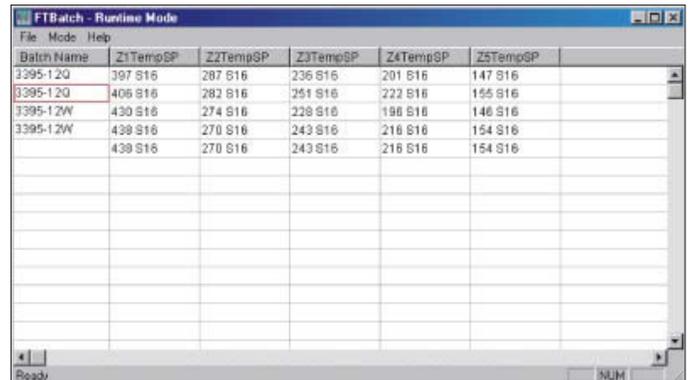- Export and import of alarms

FTBATCH

FTBatch is OPC compatible and can be used with any OPC Data Access Standard driver. FTBatch allows multiple numeric values (batches or recipes) to be written to one or more PLCs at a time. These values are displayed in row and column spreadsheet-like cells. Values may be entered manually or read from external Microsoft Access or SQL database files.

FTBatch **Features**
- Unlimited number of batches
- Unlimited batch size
- Event-based batches
- Ability to download a batch across multiple PLCs

Package Options and Contents
- When you order ControlShop you will receive:
- ControlShop software CD including FTLogger, FTTrender, FTAlarm, FTBatch, and communication drivers
- ControlShop Manual
- Stand-alone FT Data Window
- Visual Basic Demo Clients, Visual Basic Scripting Example, and ActiveX Example Controls
- Unlimited product upgrades and customer support during the first year
- FasTrak Key to attach to your computer's parallel or USB port if applicable

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CONTROLSHOP

SPECIFICATIONS

ControlShop is available as a complete suite or in the following individual packages:
• FTLogger / FTTrender
• FTAlarm
• FTBatch
• ControlShop Communication Drivers

Product Upgrades
Regular product upgrades may be obtained by convenient download from www.fast-soft.com.

Customer Service
When you contact us for support, you will receive immediate and accurate solutions to your questions resulting in less downtime. You will have access to the engineers who designed our software packages.

Site Licenses
Keyless site licenses are available, which eliminate tracking and losing keys.

Annual Maintenance Agreements
Following expiration of the one-year warranty period, maintenance agreements, which include unlimited technical support and product upgrades, are available for purchase on an annual basis.

OPC Compliance / PLC Communication Support
PLC and RTU support: ControlShop offers support for all types and vendors of PLCs including, but not limited to Siemens (S7™, S5™, and 505™), Modicon™, Square D, Allen-Bradley (MicroLogix™, ControlLogix®, and SLC™), and other major brands. ControlShop is compliant with OPC Data Access Standard (Version 2.05 and below) communication drivers and compatible with all FasTrak SoftWorks PLC WorkShop software. Communication drivers are shared between FasTrak SoftWorks applications, allowing multiple applications to communicate with the same devices at the same time.

Windows Compatibility
Designed and tested under Windows 95, 98, Millennium, NT, 2000, and XP.

Speed
ControlShop can record data as fast as the PLC to which it is connected. It can relay data with sample rates better than .10 seconds, depending on the number of data points and communication type being used.

Ease of Use
Takes a minimal number of steps to set up and utilizes shared configuration.

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