

CEMView for Stack Testers

CEMView for Stack Testers (ST) is a highly flexible, portable and configurable data acquisition and reporting system application developed specifically for stack testing organizations. With CEMView ST, you always know everything you need to know. Any time. All the time. From any location.

Customizable for each Client Location

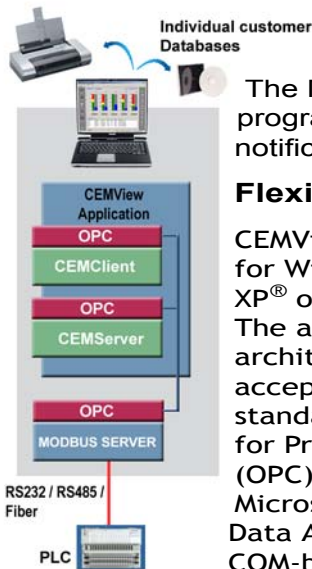
CEMView ST can be customized and tailored for even your most demanding applications. Create new client configurations in minutes including client name, site location, components, instrument ranges and reporting requirements. Save each client's data to a discrete database for later retrieval of the information you need. The flexible report generation capabilities are based on the Microsoft® OLE-DB component technology. Report templates are Microsoft® Excel file format based and any report may be saved as an Excel .xls file format.

Application Architecture

CEMView Client is the visualization application layer that provides the user interface. Application-specific information and parameters can be easily entered to create a new customer database. The CEMView Client communicates with the CEMView Server to display real-time and historical data (including calibration drift results and diagnostic information). Embedded calculation, formula and scripting engines manage Alarms and Events and enable the CEMView OLE-DB provider layer to generate the required reports.

CEMView Server is the application control implementation layer of the software. It acquires data from the OPC Modbus Server (PLC outputs) and handles all computational functions related to this data. The Server monitors, generates and notifies CEMView Client of

alarm and event conditions as they occur. Data is logged to Microsoft® Access DBF format for each client's configuration.

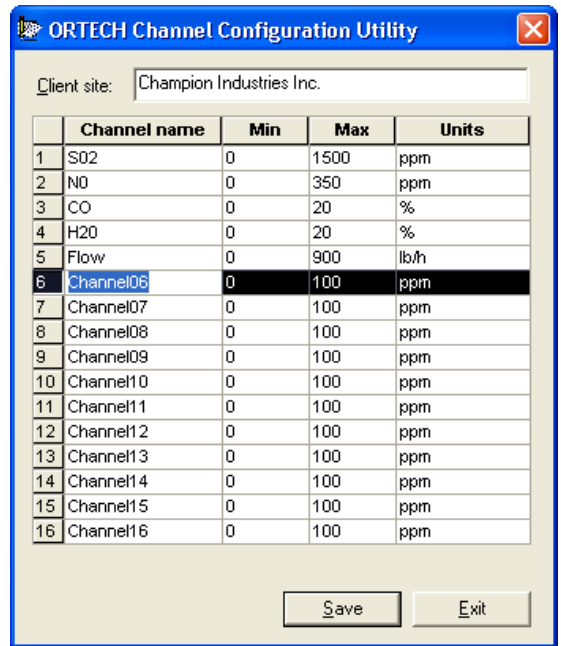


The Modbus Server communicates to the CEM hardware via a programmable logic controller. This OPC server provides data and alarm notification to the CEMView Server.

Flexible and Open

CEMView ST is designed for Windows NT/2000/XP® operating systems. The application architecture is based on accepted industry standards including OLE for Process Control (OPC) and the Microsoft® Universal Data Access (UDA) and COM-based technologies.

- **Timely, accurate information on critical performance and compliance issues**
- **Comprehensive diagnostics stay on top of system performance to minimize downtime**
- **Meet specific information needs for each client**
- **Simple and friendly user-interface**
- **Flexibility & unmatched performance**
- **Dedicated software support options**



CEMView ST implements the advanced programming concepts of the OPC Data Access and Alarm & Event Client/Server Specifications. Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

1100 Dearness Drive
 London, ON N6E1N9
 tel (519) 649-6100
 fax (519) 681-8799
 e-mail: sales@nexussi.com
 www.nexussi.com

MTI Analytical Technology
 P.O. Box 571866
 Houston, TX 77257-1866

Tel: +1 (713) 978-7765
 Fax: +1 (713) 978-6230
 www.mertechinc.com

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