



CEMView by Nexus Solutions Inc.

Modular, High Performance Data Acquisition and Reporting for Environmental and Continuous Emissions Monitoring

The CEMView Data Acquisition System is a highly flexible, modular, scalable and configurable data acquisition and reporting application, developed specifically for environmental monitoring. With CEMView, you always know everything you need to know. Anytime. All the time. From any location.

Open

CEMView is designed for Windows NT/2000/XP[®] operating systems and 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.

Modular and Scalable

CEMView is modular and scalable. This configuration flexibility allows you to acquire optimal functionality matched to your current needs and investment, while offering the scalability to meet your future requirements. CEMView's interoperability ensures flexible, efficient sharing of data with regulatory environmental emissions and process control systems. CEMView is well prepared and positioned for the future to protect your investment and to grow with your needs.

Customizable

CEMView can be customized and tailored to meet the requirements of the most demanding applications. It's built-in runtime support for VBScript & JScript scripting technologies will facilitate most application specific customization needs. CEMView's extremely 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 format file.

Dedicated or Time-Shared, Stand-Alone or Networked Configurations

CEMView is configurable to meet the requirements of dedicated or time-shared analyzer systems. CEMView is available in stand-alone and networked systems configurations, with intranet/internet remote client capabilities allowing processes to be viewed and controlled from virtually anywhere.

Direct

CEMView acquires data by communicating directly with the analysis instrumentation. This ensures the acquired data is accurate with no loss of resolution, eliminates a source of signal drift that occurs with all data logger A/D (analog-to-digital) conversions, and maximizes the diagnostic information available from the instrumentation.

CEMView Key Features

Feature	Function	Benefit
100% OPC	Simple integration to PLC's, DCS & field equipment	No special drivers required
Menu / dropdown configuration	Less time to build specific application for integrators; changes in future are quick	Less cost to implement and maintain
Based on standard Windows technologies - COM,DCOM,ODBC	Easily integrated to other software packages, i.e. Plant historians, Enterprise software	CEMView will not become obsolete
Embedded Scripting capability	Special functions for a specific application can be done with VBA or Java scripts	Virtually any required function can be accomplished w/ CEMView
Data stored to Access or SQL database	Database is easily exported to other applications or sent to other users	Allows users to more easily share information
Enhanced Diagnostics via OPC	OPC allows us to get all flags/registers out of analyzers & field equipment	Manuals and other documents can be referenced by alarms to minimize downtime
Remote troubleshooting	Nexus personnel can remotely troubleshoot and change system configuration 24 hours a day	Changes/upgrades to system can be done at minimal cost
Simple & intuitive user interface	New operators can easily view information	Lower training costs
24/7 Customer Support	Clients have access to 24 hour support line for trouble shooting	Less downtime, minimize fines and NOV's (Notice of Violation)