



# Web eElements™ Reporter

## Product Overview

The **SmartCEMS® Web eElements™** is a full Data Acquisition and Handling System (DAHS) built right into the SmartCEMS System. It provides access to all of the Predicted, Calculated, and Aggregated Data that the system has been configured to produce. It uses a simple and intuitive interface for editing data and reporting data from the SmartCEMS PEMS. The Web eElements Reporter will generate all of the required regulatory reports and allow for custom report generation.

Web eElements™ are software objects that exist within the SmartCEMS environment. These objects can be incoming data (inputs) such as physical instruments and analyzers, outgoing data (output) or predicted analyzers, calculated parameters that are derived from the set of inputs and outputs, average, compliance, operational and other data. The Web eElements can be manipulated by the user in real-time or against some set of historical data that is stored in the system and can be used with PEMS, CEMS, and VPAs.

## Product Features

- Easily configurable custom reports for site or Regulatory Agencies
- Customizable dashboards
- Live data visualization tools
- Allow coding of reason and corrective actions associated with PEMS excess emissions events
- Allow flagging and coding of invalid data (must have password protected access to this feature)
- Tabulate PEMS down time and excess emissions by category using the coding system
- List start and end time for periods of PEMS down time or excess emissions along with associated reason and corrective action descriptions
- Calculate percentage of operating time of excess emissions and PEMS downtime

