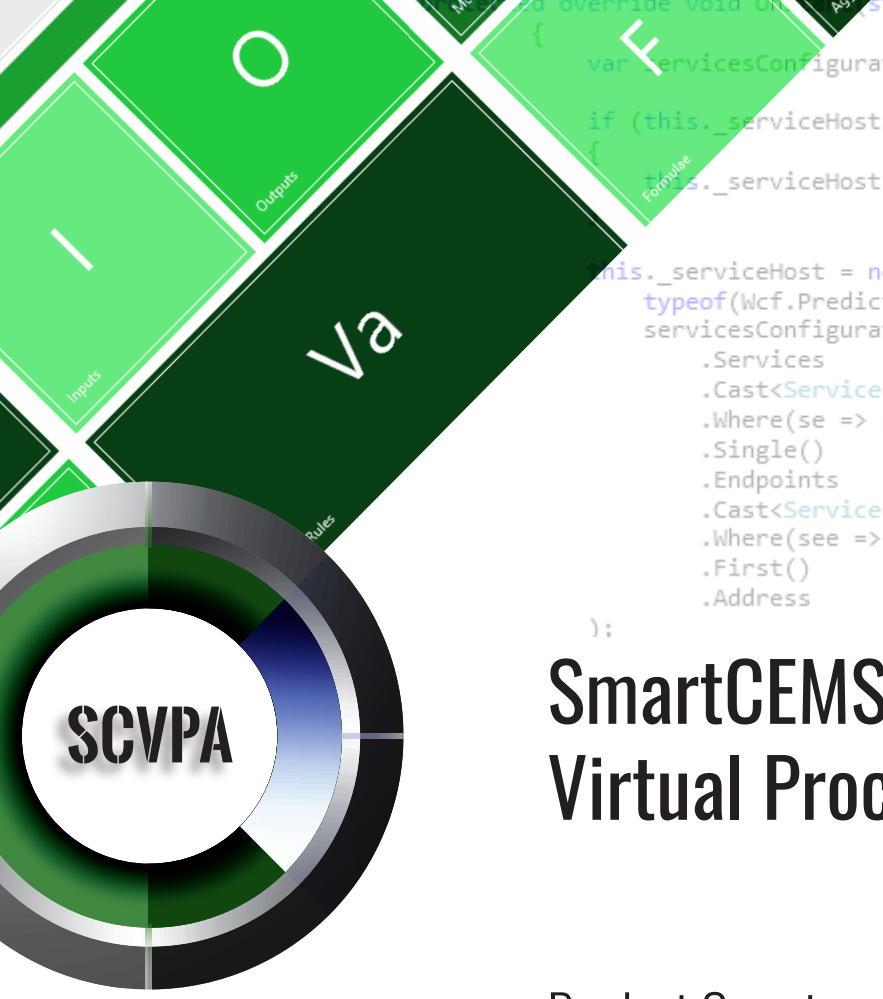
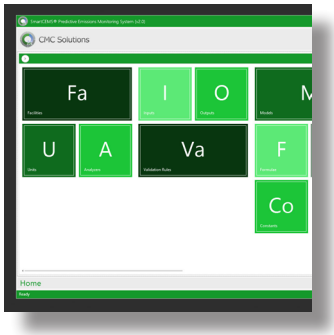
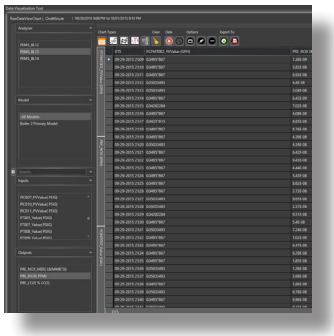


SmartCEMS®
Virtual Process Analyzer

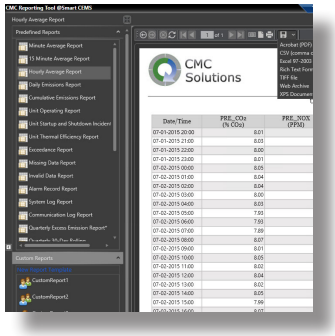


Product Overview

The **SmartCEMS® Virtual Process Analyzer** is a non-compliance product that is designed for process analysis. The virtual tool is a flexible and adaptable model based directly on historical data that is resilient to input failure and utilizes the same trusted predictive engine that is used throughout CMC's product line. The SmartCEMS Virtual Process Analyzer or VPA is a state of the art software component that provides accurate and reliable predictions of analytical data from the process and can be used to replace redundant process analyzers in some cases.



SmartCEMS Virtual Process Analyzer or CMC's VPA product can be used on any and all processes for prediction of intermediate analytical values from H_2S to Ethanol; any parameter that can be continuously or semi-continuously measured using a standard analyzer. The software is easy to setup and configure with a non-proprietary user interface and other advanced features that make it cost effective to maintain.



Product Features

- Software guarantee
- Support (remote) for one year after
- Interface to DCS or control PLC for real time data
- Uses industry standards (i.e. OPC, DDE, MODBUS, etc.)
- Development of initial database and model engineering
- Up to One Hundred (100) Process Analytical Data Points (NO_x, SO_2, CO, CO_2, NH_3, flow, hydrocarbons, and many others)