```csharp
var servicesConfiguration = (ServicesSection)ConfigurationManager.GetSectio

if (this._serviceHost != null)
{
    this._serviceHost.Close();
}

this._serviceHost = new ServiceHost(
    typeof(Wcf.Prediction.PredictionEngine),
    servicesConfiguration
        .Services
        .Cast<ServiceElement>()
        .Where(se => se.Name == "CmcSolutions.SmartCems.Server.Services.Wcf
        .Single()
        .Endpoints
        .Cast<ServiceEndpointElement>()
        .Where(see => see.Name == ConfigurationManager.AppSettings["Predict
        .First()
        .Address
);
```
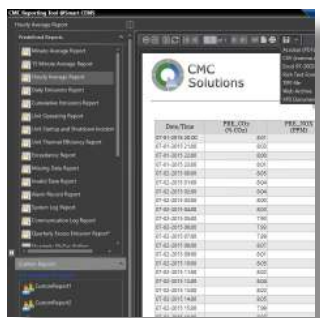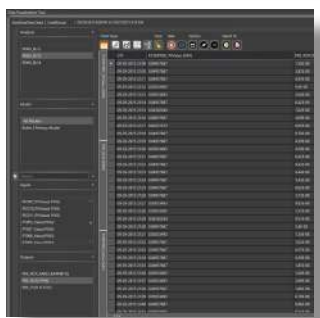
SmartCEMS® Compliance Assurance Monitor

Product Overview

The **SmartCEMS® Compliance Assurance Monitor** is a component of a predictive emission monitoring system (PEMS) that provides continuous stack gas analysis for pollutants and diluents. Sources monitoring using this product are typically not regulated under U.S. EPA 40 CFR Part 60 and/or U.S. EPA 40 CFR Part 75. The Compliance Assurance Monitor product can be converted to a PEMS Analyzer that will meet the requirements of Subpart E of Part 75 and/or the standard under Part 60, PS-16 if it is required in the future. The Compliance Assurance Monitor is typically used on smaller combustion turbines and gas or oil fired boilers and heaters, but can be applied to any number of industrial processes. The CMC Compliance Assurance Monitor is an acceptable regulatory alternative under the existing and proposed U.S. Federal and State regulations, and E.U. where continuous emissions monitoring systems (CEMS) for source emissions compliance are not required.

The SmartCEMS Compliance Assurance Monitor can be used on most combustion sources that fire gaseous or liquid fuels and for most compliance parameters such as NO_x , SO_2 , CO, CO_2 , O_2 , H_2S, hydrocarbons, ammonia, and formaldehyde just as a few examples. 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

- Two (2) Pollutants Standard
- Interface to DCS or control PLC
- Compliance and software guarantee
- Engineering and model development
- Initial guarantee and support for one year after
- Capable of being upgraded to compliance PEMS Oxygen Analyzer module (O_2 and CO_2 calculated)