



Using Data Acquisition Systems to Streamline GHG Monitoring and Reporting

**AWMA GHG Reporting Seminar
*December 15, 2010***

**Steve Gong
Software Manager, KVB-Enertec Products**

Agenda

GHG Reporting Timeline and Scenarios

CEMS and DAHS Overview

B&W PGG Solution

EPA XML Schema and Sample

Timeline

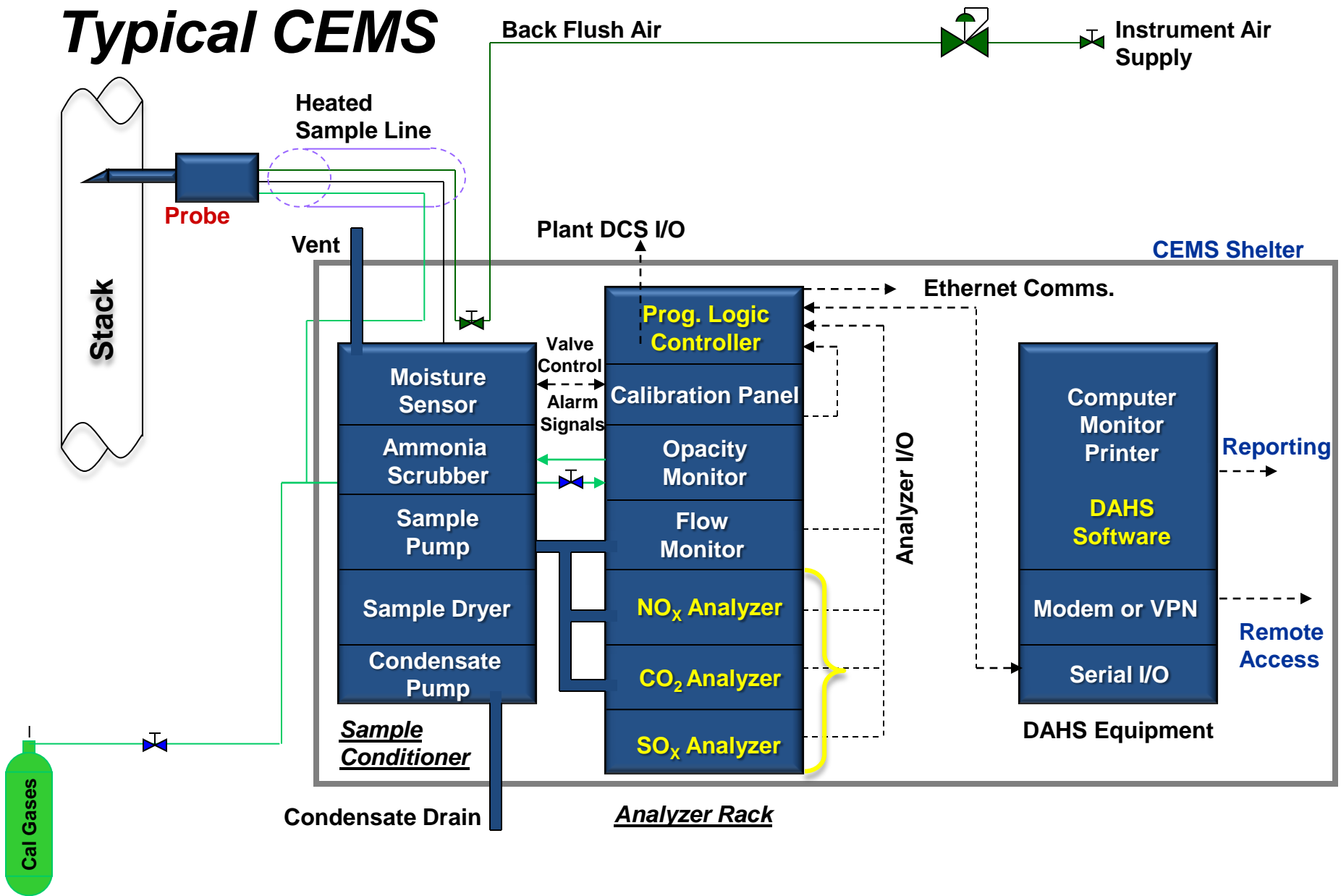
<i>January 1, 2010</i>	<ul style="list-style-type: none"> • Start collecting data using best available monitoring methods
<i>January 31, 2010</i>	<ul style="list-style-type: none"> • Deadline for submitting application to extend use of best available monitoring methods
<i>March 31, 2010</i>	<ul style="list-style-type: none"> • Monitors installed and calibrated • Begin using required monitoring methods
<i>April 1, 2010</i>	<ul style="list-style-type: none"> • GHG Monitoring Plans should be in place
<i>December 31, 2010</i>	<ul style="list-style-type: none"> • Complete 2010 data collection
<i>January 30, 2011</i>	<ul style="list-style-type: none"> • Submit certificate of representation
<i>March 31, 2011</i>	<ul style="list-style-type: none"> • Part 98 GHG Data due

Reporting Scenarios

GHG data to EPA e-GGRT :

- **Home grown solution and manual entry**
- **Third Party EMIS solution**
- **Third Party consultant**
- **Integrated DAHS vendor solution**

Typical CEMS

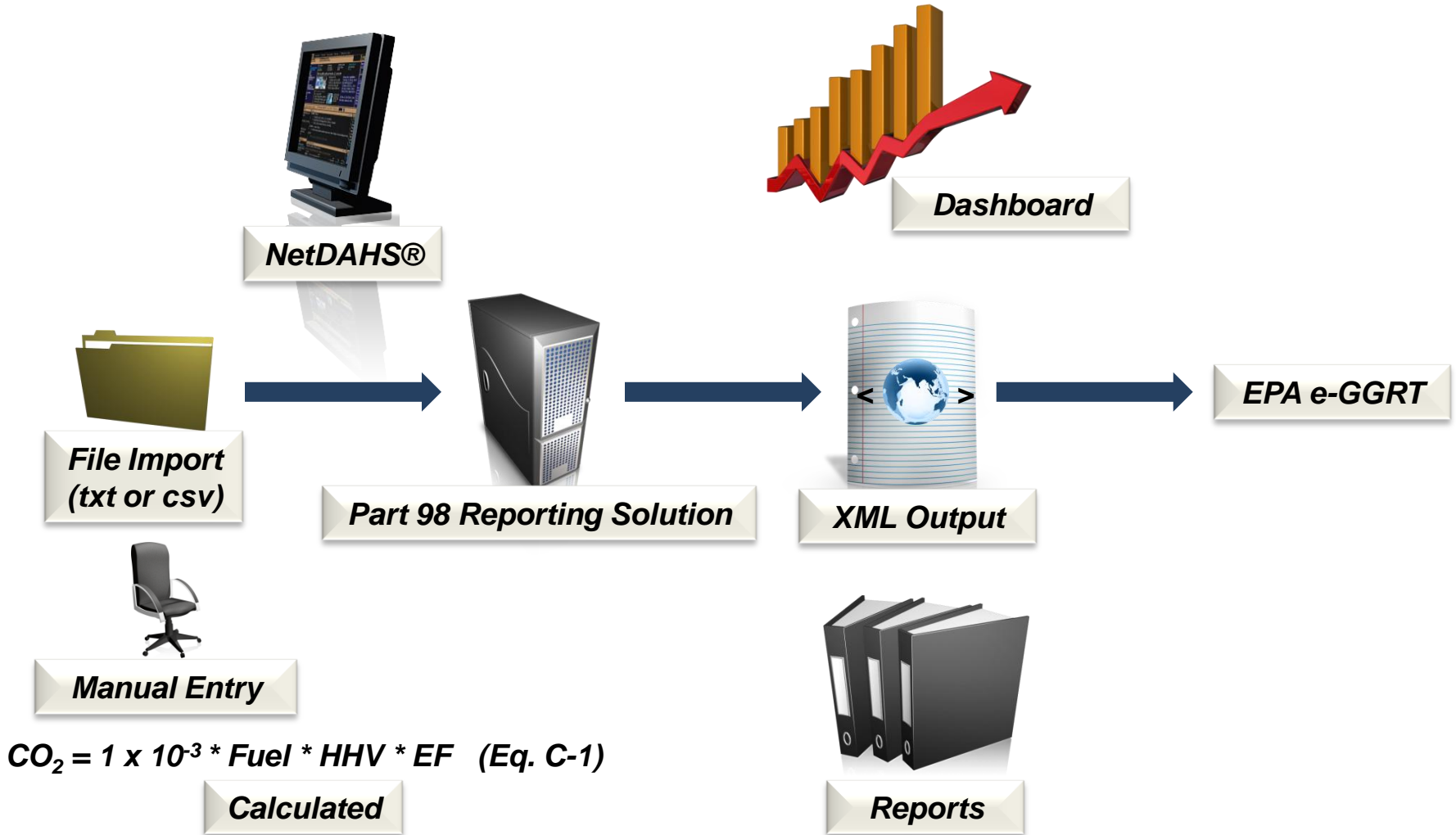


B&W PGG Part 98 Reporting Solution

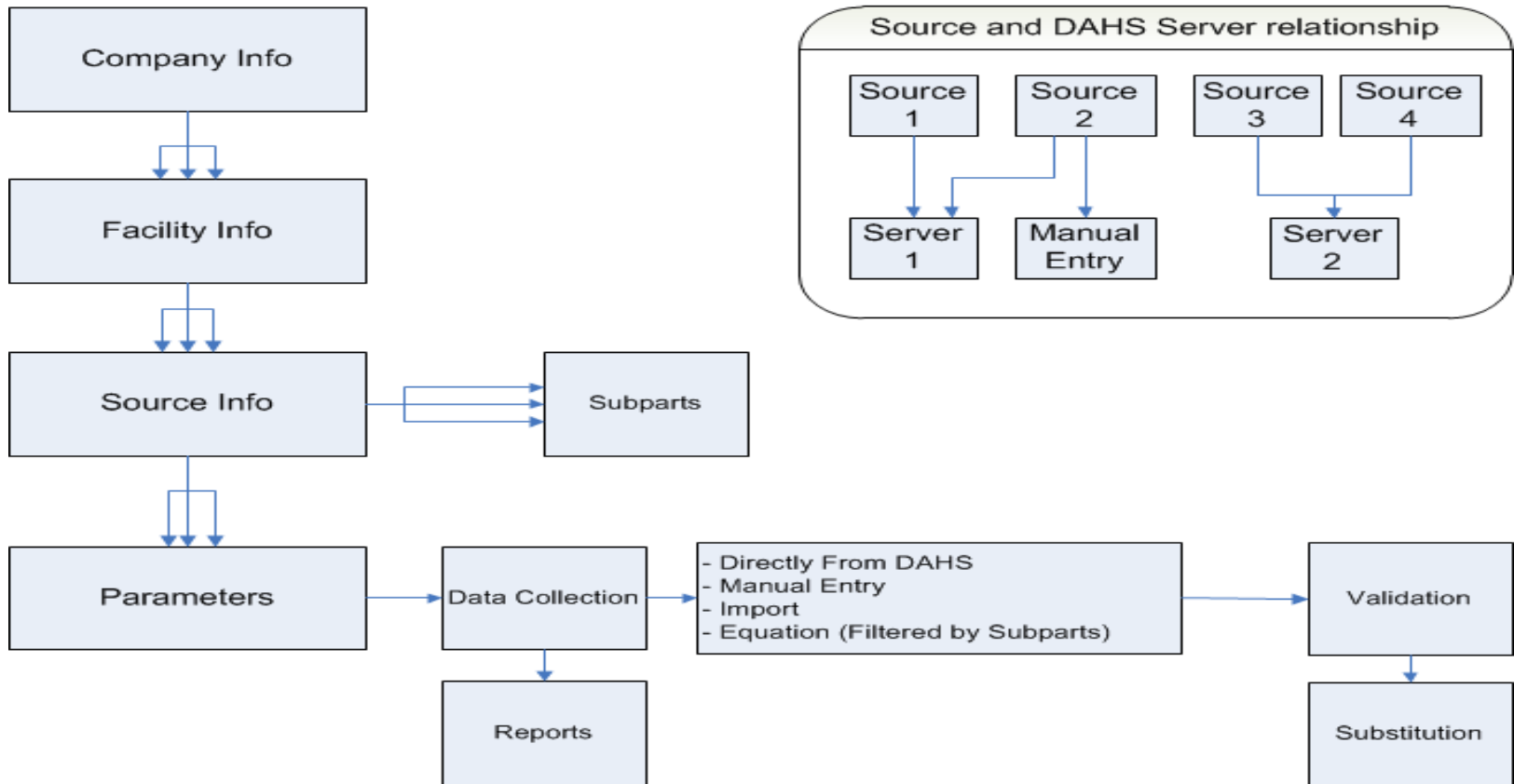
One tool for all your Part98 reporting needs

- **Report to EPA e-GGRT tool through XML bulk file submission**
- **Integration with B&W NetDAHS for continuous data inputs**
- **Support manual data entry and Part 75 data import**
- **Built-in Part 98 equations**
- **State of the art Dash board for data analysis**

B&W PGG Part 98 Reporting Solution



GHG Solution Flow Chart



EPA XML Schema and Sample

- **Draft XSD Schema 1.0**
- **Sample XML data file**



Thank you.

Questions?