



# CONTROL AND TELEMETRY

## Computer System Control and Telemetry

*To optimize system performance, including contaminant extraction and destruction efficiency, RSI has developed a fully automated, user friendly, computer control system for its modular remediation systems, delivering your project on time and in a safe manner.*

The screenshot displays the Phoenix 1000 ver Demo software interface. The main window shows a detailed process flow diagram of an engine-based remediation system. Key components include a 1.70-inch Hg vacuum source, a 1-gallon moisture knockout, a 1/2-inch hose to a sump, a PTO (optional), a Phoenix Controller, an I.C. Engine, a catalytic converter, and a stack. Various sensors are indicated, such as velocity probes, flow sensors, and temperature sensors. The interface includes a menu bar (File, Connect, Disconnect, Report) and a toolbar with buttons for Eng Save, Water Sys, CatOx, Project Mgr, Megas, Comm, History, Misc Data, Mechanical, and Spage. A sidebar on the left contains a file menu and a data entry section for Unit ID (1234), Controller s/n (3876), and Software ver. (8.07). A bottom-left panel shows a 'Power Required (kW/°C)' graph with a linear trend line. A bottom-right panel shows an 'Engine SVE - WellProcess Flow Over Time' graph with a step-like flow profile. A legend at the bottom explains the symbols used in the flow diagram: (C) for Valve Command, Incremental Opening; (P) for Valve Position, Incremental Opening; (E) for Estimated; and (M) for Measured. It also notes that flow values are normalized to standard cubic feet/minute (SCFM).

## Remote Control Abilities Provides Online Summary Report of Degas Event