

Schematic

Leverage your simulation investment

Get more out of your simulation investment by presenting simulation information enterprise-wide in a simple and understandable format.

Schematic is a graphical toolkit that lets you build SCADA-like display screens to view and control Stoner Pipeline Simulator (SPS) and Gas Solver simulations. Containing components that correspond to most of the gas devices and petroleum devices in SPS, Schematic allows you to leverage your simulation investment by presenting simulation information enterprise-wide in a simple and understandable format.

Easy drag-and-drop building in any ActiveX environment

You build Schematic screens by dragging-and-dropping graphical icons that represent actual pipeline devices such as compressors, pumps, regulators or valves. Schematic also includes graphical tools that let you start and stop simulations, monitor alarms, and view trends and distance plots. Each graphical icon is a Microsoft-standard ActiveX control that allows you to build Schematic screens in any environment providing an ActiveX container, including Visual Basic, Internet Explorer, Microsoft Office and most geographic information systems (GIS).

Continuous information updates

As a simulation runs, Schematic screens automatically update to display changing pressures, flows, and other results, using common SCADA conventions.

For example:

- Symbols and colors change as pumps and compressors change state
- Valves rotate and change color as they open and close
- Pressure, flow and other measurements are displayed and continuously updated

You can control simulations by clicking on a Schematic screen, just as you can in a SCADA environment. You can build connections between screens with hierarchical (full system/subsystem) and navigational (Supply/Market) relationships, to match the screens found in your SCADA system.

USER-FRIENDLY INTERFACE

You build Schematic screens by dragging-and-dropping graphical icons that represent actual pipeline devices such as compressors, pumps, regulators or valves. Schematic also includes graphical tools that let you start and stop simulations, monitor alarms, and view trends and distance plots.

INDUSTRY STANDARD TECHNOLOGY

Schematic is built with industry-standard technology. Each graphical icon is a Microsoft® standard ActiveX control that allows you to build Schematic screens in any environment providing an ActiveX container, including Visual Basic, Internet Explorer, Microsoft Office and most geographic information systems (GIS).

For networking, Schematic uses industry-standard CORBA message brokering to let you access simulations running anywhere from corporate servers to the control room, all from your desktop PC