

Announcing...

AUDY™ PC-Sim *Plus* Training Simulator

 Process Simulation *Plus* DCS Training


Shown with Notebook PC, Foxboro Annunciator/Numeric Keyboard, and Dual-Headed Operator Station Configuration

Breakthrough in Operator Training Simulator Technology!

The **AUDY PC-Sim *Plus* Operator Training Simulator** provides high-fidelity process *plus* DCS training on your operator's desktop at an *affordable* price. Based on TRIDENT's field-proven simulation software used on hundreds of "million dollar" training simulators, PC-Sim Plus can now be installed on your desktop or notebook computer and used for training on a wide variety of basic and advanced process units *plus* your control room DCS.

PC-Sim *Plus* is a complete training simulator package and consists of:

- AUDY™ PC-Sim Instructor Software
- AUDY™ Emulated Foxboro I/A Operator Station Software
- AUDY™ "look-alike" Foxboro Annunciator / Numeric Operator Keyboard
- AUDY™ Standard or Custom Process Models for:

Basic Unit Ops, Refining, Gas Processing, Petrochemicals, Utilities, Instrument Training

- User Documentation, Process PFD Graphic, Software Licenses, Warranty

Train your student operator to run unit operations thru refinery, gas processing, chemical and utility process units using Foxboro I/A Operator Stations. Choose from more than 50 Standard Models or use Customized Models which more closely resemble your plant equipment / controls. Use the Instructor Software to control the training session, introduce upset scenarios, and monitor student progress. Proficient operators are critical for safe and profitable plant operations. Put the high-fidelity AUDY PC-Sim *Plus* Operator Training Simulator on your PC's! Contact Trident Computer Resources for details.

About Autodynamics™

Providing Simulator Training Solutions for nearly 40 Years!

AUTODYNAMICS™ is the World Leader in providing Operator Training Simulator (OTS) Systems. Founded in 1967, AUTODYNAMICS, Inc. pioneered operator training simulators with the AUDY™ 1501 Panelboard and the AUDY™ 1600 Digital OTS. In 1991, TRIDENT acquired all of the AUDY Simulator Products and has maintained the worldwide industry standard of excellence for OTS Systems during the past 13 years.

As the leader in Simulator Training Systems, TRIDENT has unmatched experience and has:

- Delivered more than 400 Operator Training Simulators
- Developed more than 300 High-Fidelity Process Models
- Installed OTS Systems in more than 50 Countries
- High-Fidelity Emulated Foxboro I/A Operator Station
- Provided OTS's to major processing companies

Let us show you how TRIDENT's experience and products can meet your operator training objectives!



Refinery OTS with Emulated Foxboro I/A DCS

Standard and Customized Process Models

TRIDENT has an extensive library of Standard Process Models which covers the entire processing and power industries. Standard Process Models are affordable and perfect for introductory training of student / operators in the basics of unit operations, instrumentation, controls, larger process units, and in the use of DCS displays. Each Standard Process Model has startup, shutdown, and failure modes and comes with process graphics and complete user documentation.

TRIDENT can also Customize our Standard Process Models to make them resemble your unit's equipment layout, plant design, control strategies and DCS configurations. Customized Process Models are used for training experienced operators in your specific process operating procedures including start-up, shutdown, and emergency.



AUTODYNAMICS™ - Proven Benefits!

Simulators are used in the airline, power and process industries to develop the highest skill levels and proficiency. There is no other way to practice emergency responses or procedures for unit recovery or shutdown.

"Simulators improve product yield by 4% with 80 hours of training."

- (Industry Week, 1998)

"Operating personnel who work in a control room would benefit by being trained at a simulated control panel... This type of training can be very effective in teaching employees correct procedures while allowing them to see the consequences of not following established operating procedures."

- (Dept. of Labor, OSHA 29 CFR 1910)

From 1976-1996, the largest 100 accidents in the hydrocarbon-chemical processing industry cost \$7.52 Billion in losses; Operator error accounted for 21% of these events at an average of \$75 Million per loss.

- (J&H Marsh & McLennan, Loss Control, 1997)

"All plants with Advanced Process Controls (APC) should have an Operator Training Simulator to maintain operator skills."

- (Hydrocarbon Processing, August 1999)

Operators trained using a simulator have the equivalent of 6 years of "On-the-Job experience".

- (Power Engineering, May 1992)

