



What can go wrong will go wrong . . . Why take avoidable risks ▲

PICS Simulation®

PICS Pro

Benefits

Save Time and Money:

- Typically save 30% of the overall project programming, installation and debugging time - Faster start-ups
- Eliminate software bugs earlier in the project
- Locate and correct software problems 10 to 20 times faster in a simulated environment
- Reduce downtime by installing tested and proven software

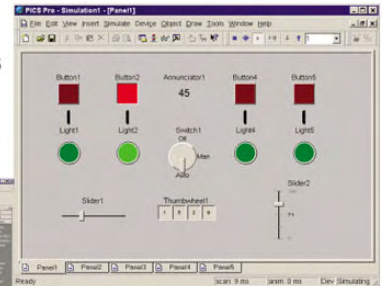
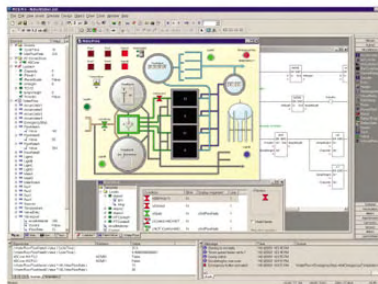
Reduce Project Risk:

- Minimize project scheduling and cost uncertainties associated with debugging control logic problems
- Identify and correct problems before they cause delays and cost over runs

Improve Operator Training:

- Operators can gain valuable experience running production on the "live" control system in a simulated environment
- Training sessions can include emergency scenarios that would be too dangerous using the actual equipment

As simple as this



Or as powerful as this

SST™ PICS Pro I/O simulation software simulates real-world systems and machines controlled by DCS, PLC and PC control systems. The entire system can be tested (communication, sequencing / interlocking, HMI / SCADA, alarms), all emergency faults can be verified, and operators trained, with minimal downtime ▲

SST™ PICS Pro Simulation Software

What can go wrong will be detected

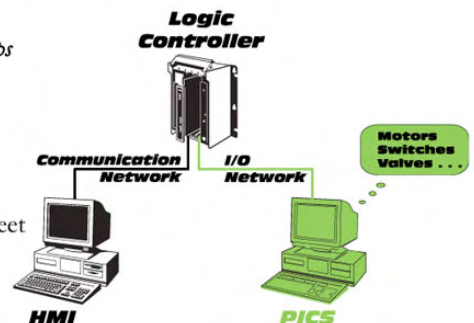
PICS Pro software enables you to identify and correct control system errors in the office, implement new processes quickly and accurately and avoid the high cost of production downtime before you flip the switch. PICS Pro provides your project team with a realistic and versatile testing and training environment.

How PICS Works

Using PICS Pro, you can create a dynamic model on a PC that duplicates the behavior of the I/O devices, providing the control system with simulated device feedback ▲

Build a Simulation in Six Simple Steps

1. Create an I/O connection
2. Import your variables
3. Design your device templates (optional)
4. Create a device worksheet
5. Add the devices to the worksheet
6. Wire the devices using actual I/O addresses



PICS Simulation[®]



Features

- Modern, customizable, visual development / debugging environment
- Ladder diagram editor for developing simulation logic (based on the IEC-1131 standard)
- Easy-to-use template editor for creating simulated devices and logic function blocks
- Device worksheets for graphically displaying the status of simulated devices and interacting with controls
- Importing of I/O variables from popular PLC programming packages or from any delimited file format using the Import Wizard
- Editable scenarios for restoring or setting a simulation to a specific state greatly simplifies problem recreation
- And much more . . .

Industries Using PICS Simulation

PICS has proven its value on thousands of projects in a wide variety of industries including:

- Automotive
- Food and Beverage
- General Manufacturing
- Material Handling
- Nuclear Energy
- Petrochemical
- Pharmaceutical
- Rubber and Plastics
- Utilities and Waste Water Treatment

Industry Feedback

"Each day of (PICS) simulation saves a week of start-up."

Paul Evenson
Industrial Automation Systems
St. Paul, Minnesota, USA

"PICS was able to reduce risk of the project by testing emergency logic and control logic. This was the greatest benefit of simulation. Also important to us was the higher confidence levels of the project team and the equipment operators."

Harold Vyn
Union Gas
Dresden, Ontario, Canada

Ordering Information

Part Number	Description
Base Package & I/O Drivers	
SST-PICS-PRO*	PICS Pro on CD and Parallel Port Hardware Key
SST-PICS-PRO-U*	PICS Pro on CD and USB Hardware Key
PICS-TRNG*	PICS Training Version on CD and Parallel Port Hardware Key
PICS-TRNG-U*	PICS Training Version on CD and USB Hardware Key
PICS-PRO-AB	Allen-Bradley Remote I/O Driver
PICS-PRO-PBMS	Profibus-DP I/O Driver
PICS-PRO-MOD	Modicon Remote I/O Driver
PICS-PRO-OPC	OPC Client Server Driver
*I/O driver and interface card or DDE server and I/O server license file required	