Starter Edition

Start exploring the world of automation.
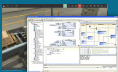Design your controllers using an integrated SoftPLC.

Allen-Bradley Edition

Ethernet Connection with Allen-Bradley PLC.

Siemens Edition

Ethernet Connection with Siemens PLC.

Modbus & OPC Edition

Modbus TCP/IP Server and Client and
OPC Client Data Access.

MHJ Edition

Plug and play with low-cost Siemens SoftPLC
(WinSPS-S7 and WinPLC Engine).

Automgen Edition

Design controllers using GRAFCET and SysML.

Ultimate Edition

All-in-One Edition. Interface boards for PLC wiring.
SDK - develop custom I/O drivers and extensions.

FACTORY I/O

NEXT-GEN
PLC TRAINING

3D FACTORY SIMULATION

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3D REVOLUTION
IN PLC TRAINING

FACTORY I/O is a **3D simulation** of industrial applications designed to practice **PLC programming**.

✔ Turn a PC into a PLC training platform

No risk of injury to students or damage to equipment. Space saving solution.

✔ Works with any PLC

As well as the most common automation technologies (SoftPLC, OPC, Modbus, ...).

✔ Common industrial applications

Brings large-scale industrial applications to the classroom.

✔ Build your own scenarios

Use a palette of industrial parts to build your own training scenarios.
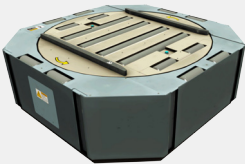
MAIN
FEATURES

20+ Ready-to-Use Scenes

FACTORY I/O offers more than 20 scenes inspired by typical industrial applications to practice real world control tasks. Use a scene as it is or as a starting point for a new project.

Over 80 Industrial Parts

Create a virtual factory using a palette of industrial parts, including sensors, conveyors, elevators, buttons, switches, stations and many others.

Digital and Analog I/O

Most parts include digital and analog I/O. For example, use a digital value to start or stop a conveyor or an analog value to weigh items.

Easy Integration

Easily integrate FACTORY I/O with existing training equipment. Plug and Play with Siemens and Allen-Bradley PLC (Ethernet). May require wiring for other brands (interface boards).

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INNOVATION
ON EVERY LEVEL

TRADITONAL EQUIPMENT	FACTORY I/O
Expensive equipment	One license includes 20+ ready-to-use industrial applications
Training is limited to the available equipment	Virtually unlimited number of industrial applications
Gives access to 1-2 students at a time	Can teach the whole classroom simultaneously
Designed for a specific PLC brand	Works with all PLC brands and the most common automation technologies
Takes a lot of space	Takes 600Mb of disk-space
Stationary	Move it anywhere
Can be easily damaged	Students can experiment, edit and modify their virtual factory with no risks
Requires maintenance	An inherent feature of simulations: no wear.
Collects dust!	Collects only your work and thus gets more valuable with time