Starter Edition

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

Allen-Bradley Edition

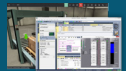Ethernet connection with Allen-Bradley PLC.

Siemens Edition

Ethernet connection with Siemens PLC.
Plug and play with Siemens PLCSIM v5.x.

Modbus & OPC Edition

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

MHJ Edition

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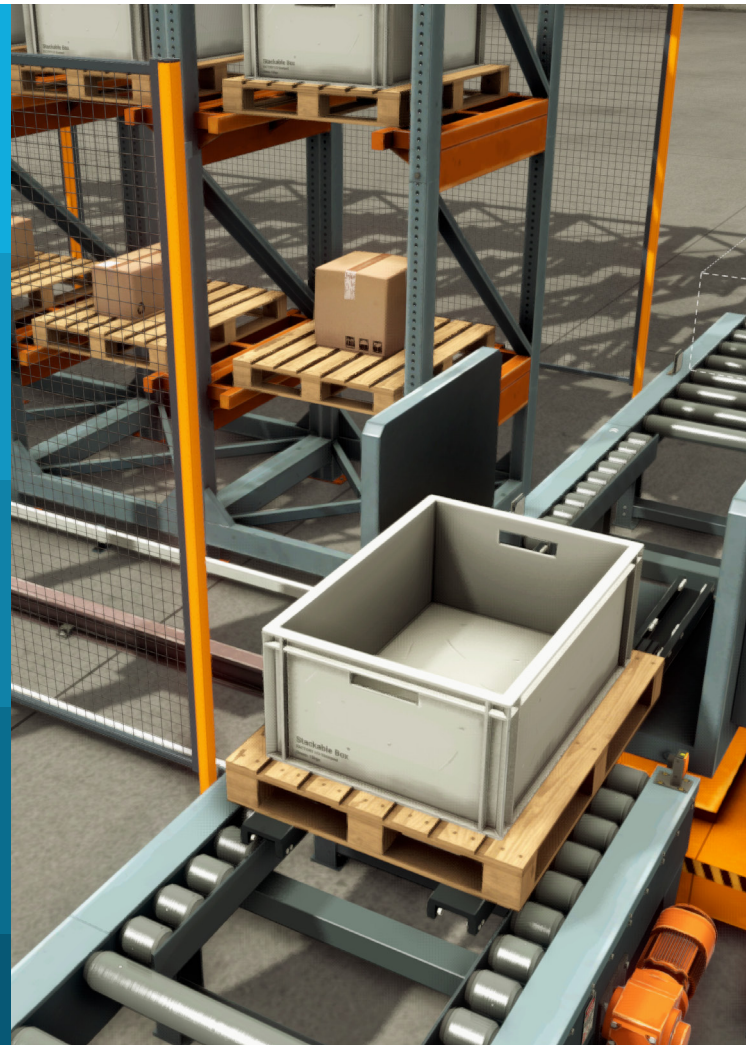(WinSPS-S7 and WinPLC Engine).

Automgen Edition

Design controllers using GRAFCET and SysML.

Ultimate Edition

All-in-One Edition. PLC wiring through interface boards.
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.
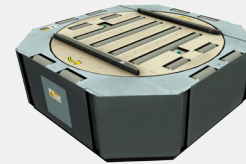
MAIN
FEATURES

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, 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 through interface boards.

Download full featured 30-day trial
factoryio.com

INNOVATION
ON EVERY LEVEL

TRADITIONAL 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