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
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).

### INNOVATION ON EVERY LEVEL

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