VIRTUAL PROCESS SIMULATION SOFTWARE
Mod. SSP-VR/EV

Simulating various systems and installations is very useful in training practice; in fact, the physical part of an installation is often complex and cumbersome, but in the meantime it is essential from a functional point of view; simulators are designed to replace this part of systems.
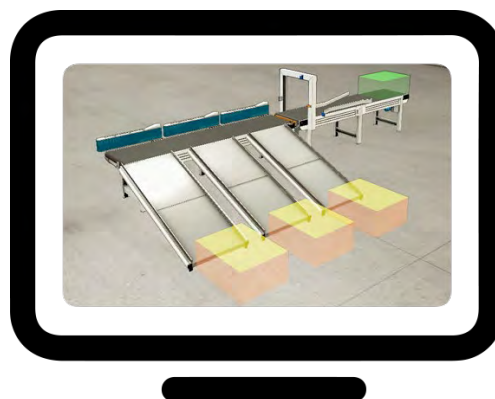
Virtual process simulation software mod. SSP-VR/EV enables to design and simulate industrial production systems that employ the most widely used technologies of automation.

The software includes an extensive library of automated production line units (like conveyors, pick and place, sensors, etc.) that can be combined together in production processes.

The student who is operating the software can modify one of the fully editable virtual systems already developed, based on the solutions most widely used in industrial lines, or start afresh with a new one. All projects can be saved and recovered later.

Virtual process simulation software mod. SSP-VR/EV must be installed on a PC running Windows and interfaced with the PLC Training panel mod. PLC-V8/EV (not included).

The aim of the software is to teach students how to develop a PLC program that will control the simulated process.

TRAINING PROGRAM

The training program includes the development of programs to manage exercises such as:
- Storing station
- Sorting station
- Automated station designed to join together different product lines
- Pick & Place station
- Automated warehouse

In addition, guidelines are provided for creating new virtual systems or for modifying those previously designed.

TECHNICAL SPECIFICATIONS

- 3D graphics
- Sound effects
- Industrial processes virtualized systems
- Object library
- Interactivity with the items
- Fault simulation (short circuit / open circuit)

PC SYSTEM REQUIREMENTS

- Running Windows 7 or higher
- Intel Core2 2GHz processor or AMD 64x2 2GHz or higher
- 1 GB memory
- Available hard disk drive space: 500 MB
- DirectX: 9.0c
- USB port
- Ethernet port
- Recommended: graphics card running two displays

REQUIRED (NOT INCLUDED)

PLC TRAINING PANEL
Mod. PLC-V8/EV