Virtual Universe Pro

OBJECTS LIBRARY FOR AUTOMATION SIMULATION
More than 60 predefined objects
Drive the simulations with a real PLC*, an automation workshop** or a virtual controller included in Virtual Universe Pro.

* Siemens S7 IP, MPI, PPI
Siemens S5
Schneider Electric TSX, SoMachine, Twido
Beckhoff
Mitsubishi
Rockwell Ethernet IP
CodeSys PLCs compatibles
Automgen targets (Eg. Arduino)
Modbus TCP, SLMP, OPC

** Siemens PlcSim
Schneider Unity
Schneider SoMachine
Mhj WinSps
CodeSys
Omron Cx-Simulator
Rockwell SoftLogix
Automgen (all compatible targets)
Matlab Simulink
Labview
Proteus
all software or programming tools
dll, ip, universal memory access
The configuration of each object is accessible and editable, this allows you to redefine the characteristics of the objects of the library and to understand how to create your own objects. You can also mix library objects with your own creations created from your usual CAD* software.

About fifteen ready-to-use examples illustrate the use of the library objects.

For each object, an optimized interface composed of inputs, outputs and parameters makes it easy to control the object from an automation program.

*import from Solidworks, Catia, Solid Edge, Inventor, etc. is available with the STANDARD and ULTIMATE versions of Virtual Universe Pro
Control panels are used to drive the objects manually and to observe the various associated states. They have the dual purpose of being able to test the functioning of the objects before realizing the program that will use them and also to simulate failures.

All the library objects are compatible with the use of a virtual reality headset. The controllers associated with the vr headset allow a full immersion and interaction.