Selmo

Boris simulation environment
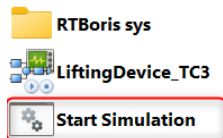
See also [Selmo Help Center](#)
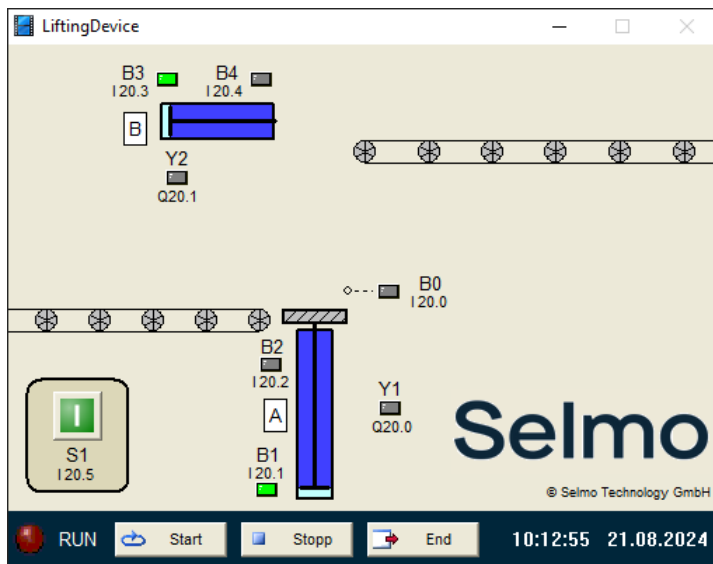
Content

Simulation with Boris

For some of the demo projects, a simulation with the Boris simulation system is available. These simulations are ready for use and only require a GVL on the PLC side with the I/O variables, which have exactly the names from the function description. The simulation is started via the command file "Start Simulation" in the Boris folder:

Communication is carried out with the Beckhoff TwinCat3 controller via ADS and as soon as the runtime is running locally, the project can be controlled and monitored via the user interface and the Selmo HMI. Here is an example:

The buttons have the following functions:

Start – Starts the simulation. The inputs and outputs are written and displayed, so that the PLC "sees" a full-fledged system.

Stop – Stop the simulation

End – Closing Simulation

For some simulations, a start button is also provided. This starts the process in the PLC as soon as automatic operation has been started via the HMI.

Currently in use version	2016
Interface	ADS
Zus. Components	none
Licensing	No license necessary
Shared Ports	local or 80/TCP (HTTP) or 443/TCP (HTTPS)