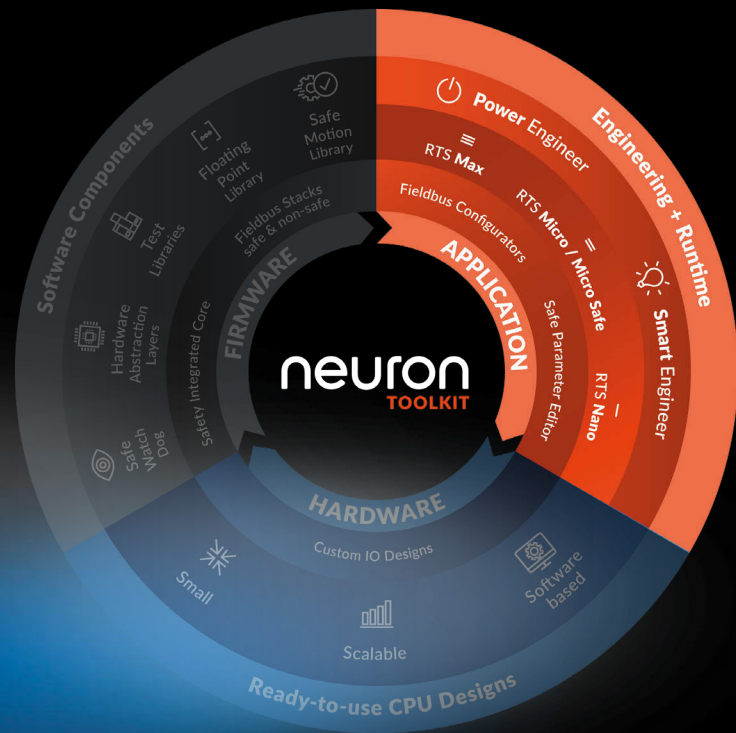


Fieldbus- configurator



Summary

Another element of our Neuron Toolkit is the fieldbus configurator. It serves as interface to common fieldbus protocols. In addition it serves a consistent look-and-feel across fieldbus standards.

Main benefits at one glance



Browser integration on target system



Configure I/Os of target system



Device catalog



Automatic upload via bus scan



Standalone (integrated project management)

Creating fieldbus topologies easily: manual mode/
automatic upload via bus scan

Data exchange via Data-Exchange-Layer API
(mapping of fieldbus registries on I/O variables):

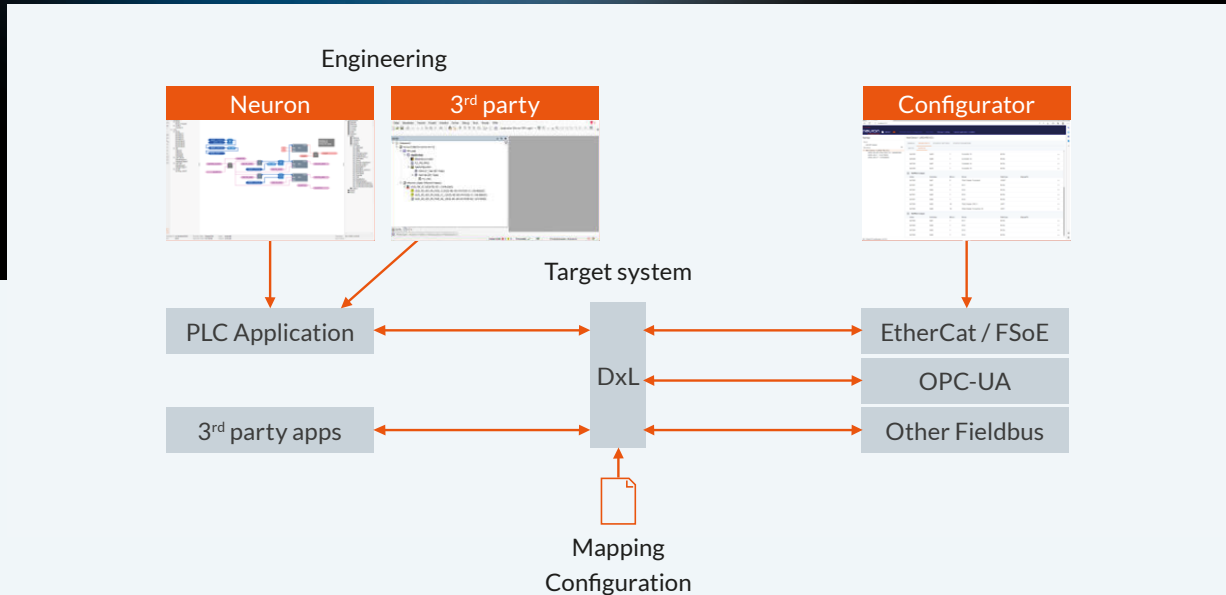
- Mapping in all Neuron PLC runtimes:
- Mapping in customer specific runtimes (e.g.: Linux)
- Mapping can be changed during runtime via XML-config file

Device catalog to manage manufacture specific
device description files

After parameterization of devices, the whole
configuration can be send/load to the target
system

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Functional overview



Specifications

Platform independent configurator:

- On PC (web based)
- Directly integrated into device (accessible via web browser)

Operational modes:

- Standalone (integrated project management)
- Integrated into Neuron engineering tools (part of application project)
- Integrated into customers engineering tools

Combined with fieldbus stacks:

- Neuron specific tools (FSoE Host/Device Stack, Modbus Stack)
- Integrated into community solutions (e.g.: OPC-UA)
- Proprietary implementations from development partnerships (e.g.: EtherCAT)