OPC UA
for Robotics Server

The OPC UA for Robotics Server Package is used to represent robot applications in the OPC UA address space according to the OPC UA Companion Specification for Robotics standard. The package includes Part 1 of the specification ("Vertical Integration") and provides all required application classes from the OPC UA package, as well as data point classes that mirror the OPC UA address space and can be used for communication.

FEATURES

- OPC UA based interface for robotic applications
- Predefined data objects for data retention
- Secure communication via SSL encryption (optional)

SOFTWARE VERSIONS

Design environment	LASAL CLASS 2
Operating system	RTOS, Salamander

SYSTEM REQUIREMENTS

Performance index	A B C D E

Visualization Memory Requirements

For the configuration of an OPC UA standard address space and environment, the OPC UA service (OPC UA class) requires approximately

Codesize [KB]	5320
User Heap [KB]	1750
LSE-Projectsize [KB]	0
SRAM [Byte]	72

The RCS server, including all data point objects require approximately:

Codesize [KB]	244
User Heap [KB]	3085
SRAM [Byte]	7392

COMPONENTS

Library OPC UA for Robotics Server
- Contains all classes for starting or updating the software

Application Demo
- Implementation of the OPC UA for Robotics server.

Documentation
- Program Manual

XML
- XML files for configuring and mapping the address space