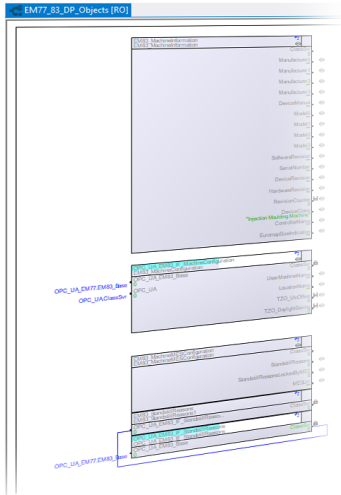# EM77 Server

The EM77 server package provides the option to implement a Euromap 77 server in a SIGMATEK system. The Euromap 77 standard describes a uniform interface between injection molding machines (IMM) and higher-level systems (clients) such as MES host computers, ERP systems, etc. for data exchange via OPC-UA.

FEATURES

- High quality Euromap 77 server
- Integration into MES systems
- Transfer of recipe data
- Alarm transfer
- Secure data transmission via SSL encryption

SOFTWARE VERSIONS

Design environment	LASAL CLASS 2, LASAL SCREEN
Operating system	RTOS, Salamander

SYSTEM REQUIREMENTS

Performance Index	A	B	C	D	E

Memory Requirements of the EM77 Server Expansion:

The OPC_UA service (class OPC_UA) requires memory for setting up the OPC_UA standard address space and OPC_UA environment, approx:

Code Size [KB]	3618
User Heap [KB]	1749
LSE Project Size [KB]	0
SRAM [bytes]	0

The EM77 server including the DP objects additionally require about:

Codesize [KB]	4174
User Heap [KB]	4983
LSE-Projectsize [KB]	0
SRAM [bytes]	6944

COMPONENTS

Library EM77 Server
- Contains all classes of the different Add-Ons and templates for starting or updating the software

Application Demo
- Implementation of Euromap 77

Documentation
- All class documentation, as well as user and program manuals where required

XML
- XML files required for configuring the address space.