

CODESYS RUNTIME

Communication Features

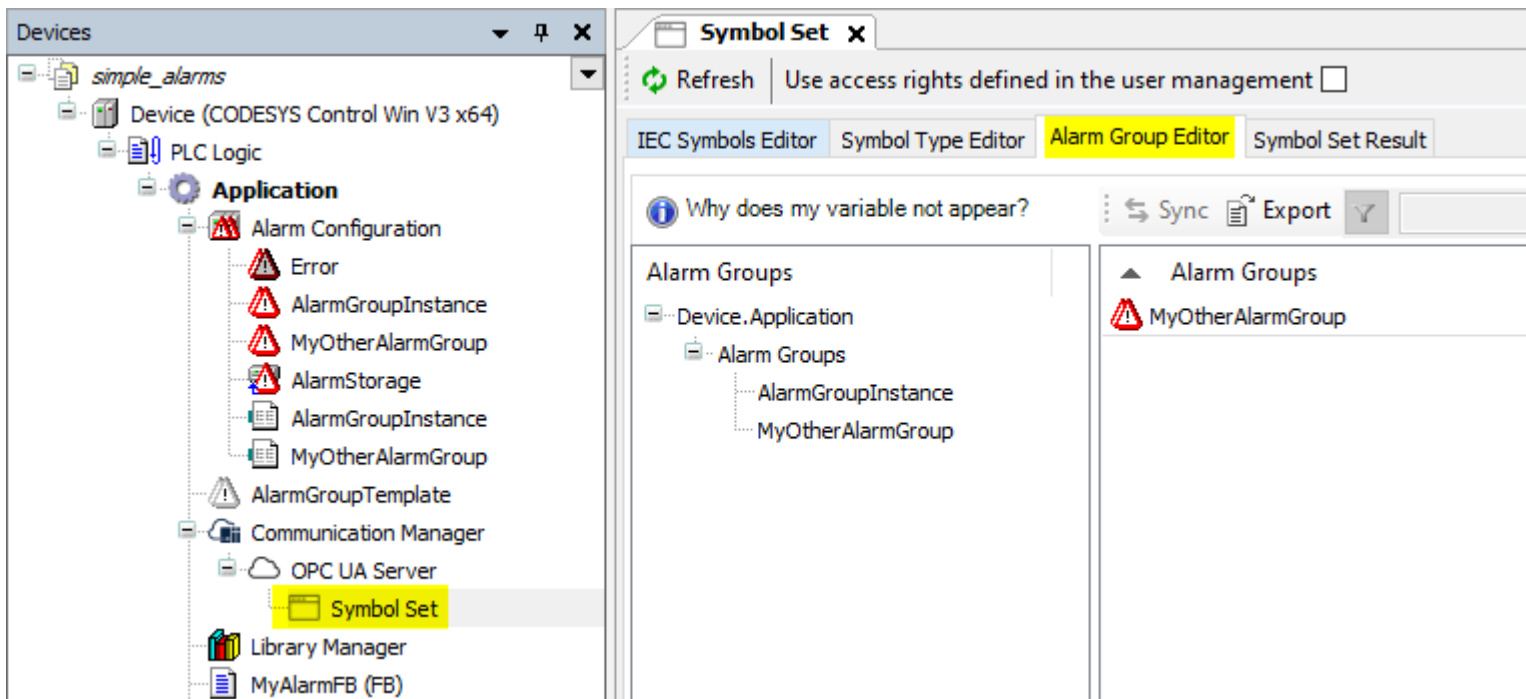
CODESYS Feature Briefing, October 2024
Bernhard Reiter, Product Manager

Embedded 2017 UA Server Profile Certification

- **Planned for V3.5 SP21**
 - Will require Communication add-on V4.6 as well
- **Implementation of features completed**
 - New feature support for data change filters and monitoring triggers
- **Next step: Testing in certification lab**

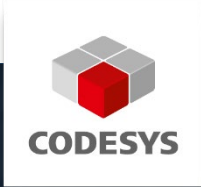
OPC UA compliant alarms

- **Alarms & Conditions in OPC UA are based on the Alarm Manager.**
 - New configuration workflow in Communication Manager
- **Implementation will be compliant to OPC UA standard**
 - Note: Usage of custom alarm definitions from companion specifications is not part of the initial compliance.



OPC UA Redundancy support

- **OPC UA Server redundancy in combination with PLC redundancy**
- **Non-transparent redundancy support**
- **Planned for V3.5 SP21**



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