

CODESYS RUNTIME

Communication Features

CODESYS Feature Briefing, March 2024
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Embedded 2017 UA Server Profile

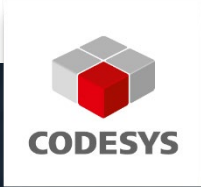
- **V3.5 SP19 OPC UA Server is compliance tested.**
 - Micro embedded device profile
- **CODESYS is capable of a lot more than the micro embedded profile requires.**
- **Embedded profile certification planned for V3.5 SP21**
 - New feature support for DataChange filters and monitoring triggers
 - Certification will be according to OPC UA v1.04

Compliant implementation of Alarms & Conditions

- **CODESYS provides basic support for A&C.**
 - The implementation is not compliant to the OPC UA specification.
- **Enable usage for off-the-shelf HMIs and SCADA systems with alarms**

Configuration of alarms

- **Enable configuration using the Communication Manager and Symbol Sets**
 - Currently only possible using the deprecated Symbol Configuration
- **Note: Usage of custom alarm definitions from companion specifications is not part of the initial compliance.**



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