



8. Innovation-Workshop - Online-Sessions (IWOS) 2020

OPC UA over TSN in der Praxis

Konstantin Klein

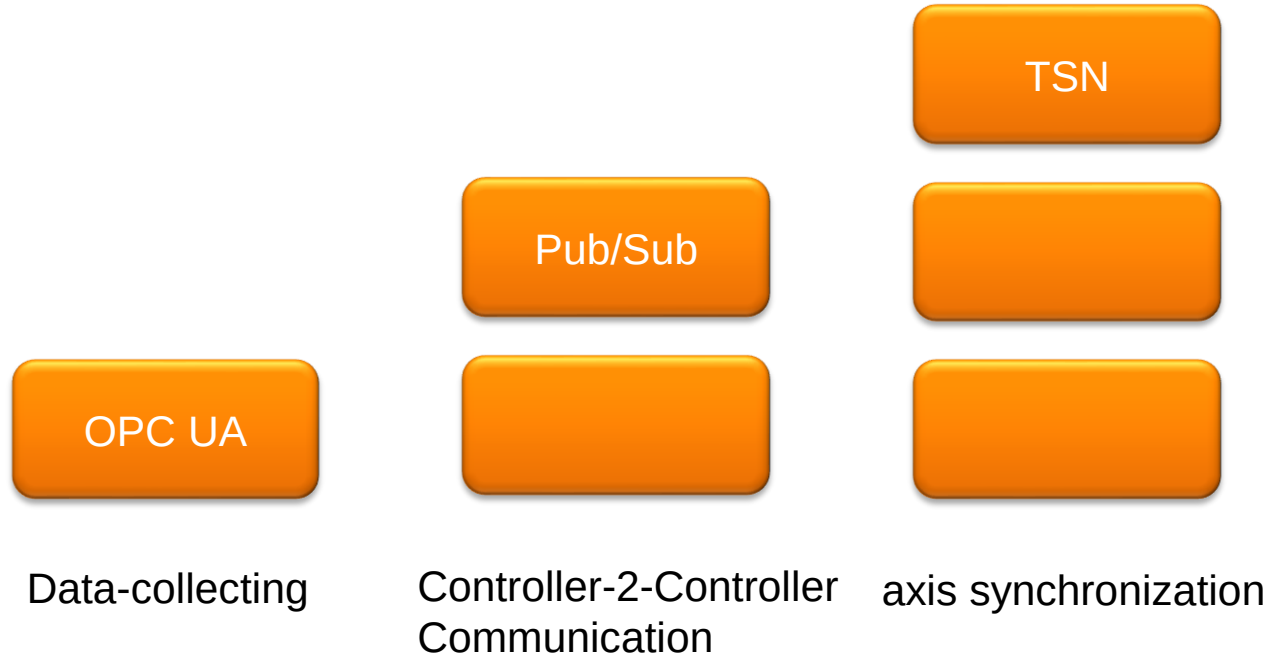
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- Einführung
- Anwendung von OPC UA over TSN
- Praxisbeispiel im Automation Studio
- Zusammenfassung





- Enable OPC UA System
- Configuration OPC UA System
- Enable OPC UA Nodes
- Configuration Publisher @ OPC UA Server
- Configuration Subscriber @ OPC UA Client



Configuration Workflow for AS 4.9

- **Configure Publisher**

- Variable mapping
- Network Connection
- WriterGroup (timing)



- **Export Publisher configuration**

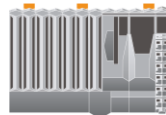


- **Configure Subscriber**

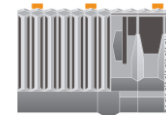
- Import Publisher configuration
 - ensures consistent frame format
- Variable mapping



Publisher



Subscriber





Live Demo



- Setting up the OPC UA system
- Configuring the PubSub configuration
- Check the communication connection



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