

# Training ProfiNET Development



## Agenda 1. Day

### UB1

- Introduction
- ProfiNET IO Specification
- ProfiNET Network Topologie

Pause

### UB2

- ProfiNET Frame-Structure
- ProfiNET Ethernet Protocols
- Analysis with Wireshark

Lunch

### UB3

- ProfiNET Module Addressing (DAP, Slot, SubSlot)
- ProfiNET Communication Relations
- ProfiNET Application Relations

Pause

### UB4

- Acyclic ProfiNET-IO Transfer
- ProfiNET Services
- ProfiNET Diagnostics

# Training ProfiNET Development



## Agenda 2. Day

### UB1

- Cyclic ProfiNET-IO Transfer
- ProfiNET RT communication
- ProfiNET Timing Analysis

Pause

### UB2

- ProfiNET Error and Alarm Handling
- ProfiNET Timing Analysis

Lunch

### UB3

- ProfiNET IRT
- ProfiSAFE

Pause

### UB4

- ProfiNET Projects
- GSDML Device Description and Configuration