



***CiA workshop:  
Configurable network components***

***2022-05-24***

CAN in Automation (CiA) has scheduled a web-based workshop on May 24, 2022, starting at 10:00 (UTC+2). On occasion of this workshop, CiA intends to discuss requirements of a modern configurable network component that is intended to interconnect several CAN, CAN FD, or CAN XL-based embedded networks. The results will be used to update the already existing specification CiA 456. This CiA specification specifies a CANopen-based configuration interface for bridges and switches. As the next version of CiA 456 compatible network components is intended being able to forward all CAN data frame formats, the attendees of the workshop will also discuss the impact of the CAN XL-ability to tunnel Ethernet frames. At the end of the workshop the results will be collected. The workshop serves as a starting point for a new CiA working group that discusses the collected ideas and update proposals for CiA 456.

**Date and time**

May 24 2022 from 10:00 to 12:00 (UTC+2)

**Agenda\***

- Welcome and introduction (Reiner Zitzmann, CiA)
- Overview on the three generations of CAN (Holger Zeltwanger, CiA)
- Configurable network components according to CiA 456, introduction, possibilities and limits (Reiner Zitzmann, CiA)
- Discussion on open issues
- Workplan, and next steps

\*The agenda is subject to change.

**Audience**

Decision makers; embedded device and system designers

**Registration**

The workshop is for CiA members. People from CiA non-member companies may participate on request. For registration please contact: [secretary@can-cia.org](mailto:secretary@can-cia.org).