

In-house seminars as in-person events

CAN in Automation (CiA) is able to offer its in-house seminars as in-person events again. Nevertheless, CiA continues offering web-based seminars. On occasion of in-house seminars, CiA engineers discuss CAN-related topics, adjusted to the companies' requirements.



CiA discusses either basic CANopen or CiA device or application profile-related questions with attendees (Source: Adobe Stock)

During the in-house seminars, CiA's engineers discuss and explain various CAN-related topics in a technical- and/or marketing-oriented way in either Chinese, English, or German language. It is up to the customer to arrange the audience with employees exclusively or with invited guests such as representatives from suppliers or customers.

The content of a CiA in-house seminar depends on the company's individual needs. CiA can provide an overview about the CAN application fields such as vehicles and transportation, factory automation, building automation, and embedded networking, to name a few. Attendees interested in the CAN physical layer could be informed about the general physical requirements, high-speed transceiver, fault-tolerant transceiver, CAN SIC (signal improvement capability) transceiver as well as further physical layer options. Further topics could cover the CAN data link layer

options. Classical CAN, CAN FD, and CAN XL are the candidates to be on the agenda.

CiA engineers can help explaining the options and failures while implementing a chosen data link layer. There exist several CAN-based higher-layer protocols (HLPs). CiA experts have many years of experience in work with CANopen, explained the company. This CAN-based HLP is developed and maintained by CiA and its members. Additionally, also other higher-layer protocols such as J1939, Devicenet, or even the proprietary ones can be discussed.

CiA in-house seminars are held in the company's facilities. Therefore, travel or accommodation costs for the participants don't have to be considered. As no attendees from outside are present, sensitive information can be kept confidential, said CiA. The organization of an in-house seminar offers flexibility. A convenient date and duration (even more than one day) as well as customized audience and number of attendees are chosen according to the company's considerations.

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