

# *CiA seminars*

*Profound- and supplier-independent*



*CAN- and  
CANopen-related  
education  
and training*

## *CiA in-house seminars*

### **Profound knowledge**

CiA engineers train attendees in CAN and CANopen in an either technical- or marketing-oriented way. The agenda of an in-house seminar is tailored to your company's needs. We can provide the CAN-related

content in English, German, or Russian 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.

### **Location**

Typically, a CiA in-house seminar is given at the facilities of the customer. Web-based in-house seminars are an option to reduce traveling costs, e.g., when intended attendees work at different locations around the world, or in times of pandemics, when face-to-face meetings are not appropriate or even not possible.

In a compact 4-hour format (including breaks), we present CAN-related topics, according to your needs. The web-based in-house seminars can be conducted at a time that suits to your local time.

### **Benefits**

- ◆ Customized agenda - you choose the topics of your in-house seminar
- ◆ Convenience - the seminar is held in your facilities
- ◆ Cost effective - there are no travel or accommodation costs for you and your employees
- ◆ Privacy - sensitive information is kept confidential
- ◆ Flexible seminar date - you can choose a convenient date
- ◆ Flexible seminar duration - the seminar can be scheduled for a half-day or for one and more days
- ◆ Customized audience - you decide whom you want to invite as well as the number of attendees

### ***Available languages***

English, German, or Russian

## *CiA in-house seminars*

### **Contents**

The content of an CiA in-house seminar is tailored to your individual needs. You can choose from the topics below or any other CAN-related topic of your interest. Please contact CiA office to discuss topics and details. CiA in-house seminars

may already cover CAN XL on request. As CiA trainers have long experience in CAN-based networking, it is possible at any time to deviate from the agreed agenda and to discuss CAN-related aspects of the current CAN project.

### **CAN application fields**

- ◆ In-vehicle networking
- ◆ Industrial automation
- ◆ Embedded networking
- ◆ Other applications

### **Physical layer options**

- ◆ CAN high-speed physical layer
- ◆ CAN SIC physical layer
- ◆ CAN SIC XL physical layer
- ◆ Other physical layers

### **CAN data link layer**

- ◆ CAN CC (classic) protocol
- ◆ CAN FD protocol
- ◆ CAN XL protocol
- ◆ Implementation options

### **Higher-layer protocols (HLPs)**

- ◆ CANopen CC (classic)
- ◆ CANopen FD
- ◆ CiA profiles
- ◆ System/device design hints
- ◆ Other CAN-based HLPs

### ***CiA in-house seminar schedule***

For scheduling a CiA in-house seminar, please contact CiA office at [events@can-cia.org](mailto:events@can-cia.org) or +49-911-928819-0.

**Further details are provided at [www.can-cia.org/services](http://www.can-cia.org/services).**

## *CiA seminars*

CiA offers charged, public seminars with regard to CAN-related topics. These seminars address development engineers, system integrators, as well as decision-makers who want to learn more about CAN. Depending on the type of seminar, they consider all three generations of

CAN (CAN CC, CAN FD, and CAN XL) as well as CAN-based higher layer protocols such as CANopen. CiA seminars are device- and manufacturer-independent. They are scheduled as onsite or online event. The current CiA seminar schedule is available at [www.can-cia.org](http://www.can-cia.org).

## *CAN in Automation (CiA)*

The international users' and manufacturers' group for Controller Area Network (CAN) – CAN in Automation (CiA) – has been established in March 1992. The nonprofit association provides technical, product, and marketing information about CAN, internationally standardized in the ISO 11898 series. The association promotes CAN's image and provides a path for future developments of the CAN technology. Therefore, CiA takes part in and supports the development of CAN-related standards and specifications. Additionally, an important part of the organization's effort is spent to develop and maintain the CANopen-related specifications.

CiA organizes joint marketing activities in all parts of the world. This includes joint stands at

trade shows, joint information events, workshops, and contributions to magazines and conferences. An important source of information is the CiA website.

An essential aim of the organization is the social networking of CAN-interested parties. In CiA's technical and marketing groups, engineers exchange experiences and knowledge to the benefit of all members. Additionally, CiA organizes different events, such as seminars, conferences, and information days, in which CAN newcomers can meet CAN experts. One of the most important advantages of being a member is the possibility to take part in CiA's social network, to get in touch with CAN experts, and to gain knowledge that helps to manage challenges in your CAN-related projects.

**For the current event schedule or further information contact CiA office ([events@can-cia.org](mailto:events@can-cia.org)) or visit CiA website ([www.can-cia.org](http://www.can-cia.org)).**



CAN in Automation GmbH  
Kontumazgarten 3  
DE-90429 Nuremberg  
Phone: +49-911-928819-0  
Fax: +49-911-928819-79  
[events@can-cia.org](mailto:events@can-cia.org)  
[www.can-cia.org](http://www.can-cia.org)