

Cybersecurity for Railway - cybersecurity assurance according to CLC/TS 50701

DESCRIPTION

With the publication of the CENELEC technical specification CLC/TS 50701, a guideline for cybersecurity assurance of railroad systems including control and safety systems and rolling stock is now available.

CLC/TS 50701 provides instructions and specifications for railway undertakings, system integrators and product manufacturers on how cybersecurity can be demonstrated in the context of the EN 50126-1 RAMS life cycle on the basis of existing individual standards from the IEC 62443 series of standards.

During the seminar, the main topics of TS 50701 will be presented and explained. The main focus is on the synchronization points between cybersecurity assurance activities to the individual phases of the V-model according to EN 50126-1. In addition, the newly introduced concept of Cybersecurity Case as a counterpart to the Safety Case will be explained.

SEMINAR CONTENTS

DAY 1 09.30-17.00

- Overview of the referenced standards environment
- Overview structure CLC / TS 50701
- Application scope, architecture and assets
- Zones/conduit models
- Cybersecurity within the EN 50126-1 RAMS lifecycle
- System definition and risk assessment
- Cybersecurity requirements
- Cybersecurity assurance / Cybersecurity Case
- Operation, maintenance and disposal
- Questions & Discussion

Seminar-No. 07.02



Online-Seminar*

DATES & COSTS

On-demand Nuremberg,
Valenciennes,

Length: 1 Day

Fee: 700,00 €

incl. lunch and certificate of participation
plus VAT

* On-demand

TARGET GROUP

- Operators, system integrators, product and component manufacturers.
- Staff of homologation, safety and engineering department

LANGUAGES

