

EN 50129 CENELEC standard

16

Seminar-No. 01.03

DATES & COSTS

On-demand

Inhouse

Length:

1 Day

Fee:

on request

incl. lunch and certificate of participation
plus VAT

TARGET GROUP

- Safety Manager
- Employees of the Safety Authorities
- NoBo, DeBo, AsBo
- Technical Project Managers
- Employees of Safety, Development and Quality Management

LANGUAGES



DESCRIPTION

During the training, the link between EN 50129 and the other railroad standards will be presented. However, the focus of the training will be on the content of the Technical Safety Case, which is based on EN 50129, and on the description of the new requirements,

introduced in the new version of these standards:

- Security and cyber security
- Qualification of tools
- Use and verification of FPGA
- Reuse of existing systems

Based on the concept of the generic product, the generic application and the specific application, various safety cases must be created

SEMINAR CONTENTS

DAY 1 09.00-17.00

- Scope of application of EN 50129
- General overview of the topic of safety analysis (PHA, FMEA, fault tree analysis)
- Generic product vs. generic application vs. specific application
- Differentiation between THR and SIL and SSIL
- Structure of the safety case
- Reuse of an existing product
- Safety of a hardware architecture
- Qualification of tools
- Demonstration of the safety of a device
- Linking with software and hardware
- Cross-Acceptance
- Identification of key points of EN 50129
- FPGA design