

Cybersecurity - IT security verification in railway systems

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Seminar-No. 07.01



Online-Seminar*

DATES & COSTS

20.04.2022	Nuremberg
05.10.2022	Nuremberg
On-demand	Valenciennes

Length: 1 Days

Fee: 700,00 €

incl. lunch and certificate of participation
plus VAT

* On-demand

TARGET GROUP

- Manufacturers and operators of railway vehicles and installations
- Approval department staff, development, operation

LANGUAGES



DESCRIPTION

The growing interconnection of rolling stock control technology with the infrastructure side is forcing manufacturers and operators to establish preventive safety measures against external threats.

Regulatory authorities are addressing this issue more and more and require an expert assessment of cybersecurity in the verification process. At the same time, EN 50129 requires an additional consideration of cybersecurity in the proof of safety.

The seminar participants will receive an overview of the regulations that should be used for the verification of cybersecurity in the functional safety verification.

An overview of the further development of the standards landscape rounds off the seminar.

SEMINAR CONTENTS

DAY 1 09.30-17.00

- Key points of the EU Directive (EU) 2016/1148 and the implementation into national law by the BSI Act
 - Decision criteria: Am I affected as an operator?
 - What are my tasks as an operator?
 - How am I affected by this as a manufacturer?
- Overview of standards ISO/IEC 27001, IEC 62443
 - Relationship between the standards
 - Overview ISO/IEC 27001
 - Overview IEC 62443
 - Overview CLC/TS 50701
 - Railway-specific standards
- Case studies
- Round of discussions & questions