

## EN 50126 CENELEC standard

### DESCRIPTION

One important fact for railways is the notion of generic product, generic application and specific application, these notions will be introduced and the rules related to the reused contents of the preexisting system will be described. During this training, RAMS concepts and the whole RAMS lifecycle will be presented. As well as the concept of THR and SIL and in particular the usage of the basic integrity. In addition, some transversal activities such as quality management, verification, validation and assessment will be introduced. By the end of the training the trainee will understand the content of the CENELEC EN 50126 and the changes compared to the previous version.

### SEMINAR CONTENTS

#### DAY 1 09.30-17.00

- Scope of EN 50126
- Link with the IEC 61508 and other standards
- RAMS concepts in EN 50126
- THR, SIL and basic integrity
- Whole RAMS lifecycle
- Risk management
- The principles of risk acceptance
- Presentation of the standard implementation
- System safety analysis (SHA, IHA, etc.)
- Management of RAMS
- RAMS activities
- Identification of key points of EN 50126
- Annexes

## Seminar-No. 01.02



Online-Seminar\*

### DATES & COSTS

12.04.2023	Nuremberg
26.09.2023	Nuremberg
On-demand	Valenciennes

Length: 1 Day

Fee: 700,00 €

incl. lunch and certificate of participation  
plus VAT

\* On-demand

### TARGET GROUP

- Software engineers
- Safety engineers
- Systems engineers
- Quality engineers
- Everyone involved in the realization of the system with a SIL objective (Design, V&V, quality and RAMS)

### LANGUAGES

