

DEVELOP YOUR SKILLS!

TRAINING CATALOGUE 2026

INTRA • INTER • REMOTE • TAILOR-MADE

**INDUSTRIAL
NETWORKS**

CYBERSECURITY

SAFETY



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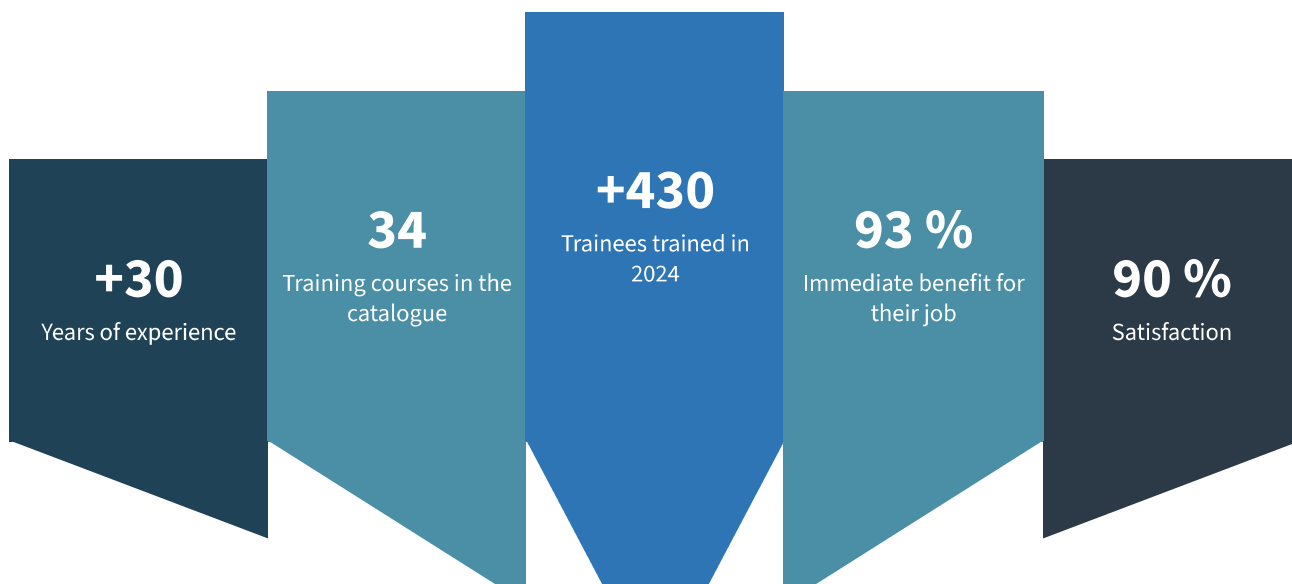
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WHY CHOOSE US

In figures...



Published on 1 January 2025 on the basis of the training courses delivered in 2024.

The reasons to place your trust in us

Personalised support and service

Our teaching team helps you choose the course best suited to your needs, and adapts its content to your projects.

Registered training organisation

ISIT is an approved vocational training centre under registration number 73 31 04675 31.

Accessible to people with disabilities

Our training offer is accessible to all. Contact our Disability Correspondent for any specific arrangement.

Customer testimonials



FIND YOUR IDEAL TRAINING

Our teaching team helps you choose the course best suited to your needs. All the courses listed below are available in English.

STANDARDS	NETWORKS	CYBER
DO 178C	CAN bus	IEC 62443 — industrial cybersecurity
DO 254	CANopen	IEC 81001-5-1 — medical devices
ISO 26262	SAE J1939	Embedded systems cybersecurity
IEC 62304	EtherCAT	Cyber Resilience Act (CRA)
ISO 13849-1	EtherNet/IP — CIP	CRA — briefing for top management
ISO 25119	PROFINET	
IEC 61508	Industrial Ethernet	
IEC 61508 — software part	Industrial Ethernet troubleshooting	
EN 50716		
EN 50128 Ed.2 → EN 50716		

SOFTWARE CONSIDERATIONS IN AIRBORNE SYSTEMS AND EQUIPMENT CERTIFICATION (DO 178C)

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	2.04.04.0003	3 days (21 h)	2450 €
INTRA	2.04.04.0019	3 days (21 h)	5400 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This course covers the fundamental principles of the software life-cycle process assurance approach defined by RTCA DO 178C for safety-critical airborne software.

PROGRAM

Presentation of the regulatory context

- › AMC 20-115D & EASA CM (Sol)
- › The aeronautical systems engineering process and its development assurance

General principles of DO 178C

- System life cycle / software life cycle
- Interactions between life cycles (SW, HW and system)

The software planning process

- Role of plans and development standards
- Definition of planning process activities and associated objectives

The software development processes

- Software requirements management process and associated objectives (HLR, derived HLR)
- Software design process and associated objectives (LLR, derived LLR and architecture)
- Software coding process and associated objectives (source code)

The software verification process

- Analyses and reviews of the software development processes and associated objectives
- Test campaigns and structural code coverage (couplings, MC/DC)

The software configuration management process

The software quality assurance process (SQA)

The certification liaison process

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Put the scope of DO 178C into context within aircraft and system certification activities (initial airworthiness)
- Know the general principles of life-cycle assurance for safety-critical embedded software
- Use the objective tables defined by DO 178C according to the software level (IDAL)
- Make the link with the other standards and reference documents of the field

USEFUL INFORMATION

Target audience

This course is aimed at department managers, quality managers, project managers, development engineers, test engineers, etc.

Prerequisites

Knowledge of embedded systems engineering and/or software development approaches.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

Our training offer is accessible to all. If you have a disability requiring a specific arrangement, please contact our Disability Correspondent — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Several training formats are available, please contact us.

IMPLEMENTING THE AERONAUTICAL STANDARD DO 254

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTRA	2.14.04.0001	3 days (21 h)	5400 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This course provides the knowledge required to understand the regulations applicable to electronics, boards and programmable components of safety-critical embedded systems. It also highlights recent developments in the associated EASA documents. Concrete examples, quizzes and exercises are included to help grasp the implementation of the standard.

PROGRAM

Context and principles

- › Introduction
- › Definition of SEH and CEH
- › System principles and aspects

Planning process

- › Certification document
- › Validation and verification plan
- › Configuration management / change management plan
- › Quality assurance plan
- › Project standards

Objectives and activities

- › Design process
- › Writing requirements
- › Architecture, coding and implementation

Validation and verification

- › Verification means
- › Robustness tests and others
- › Analyses and reviews
- › Independence required for DAL A and B

Configuration data management

- › Categories and tools
- › Change management process
- › Problem classification

Quality assurance

- › Principles and responsibilities

Certification aspects

- › Expected data and certification liaison

Additional considerations

- › COTS IC and IP
- › Service experience

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Master the use of the DO 254 standard and its associated documents
- Document compliance with the objectives of DO 254
- Implement process improvement while remaining compliant with DO 254
- Know the evolutions and the current state of application of the standard

USEFUL INFORMATION

Target audience

This course is aimed at electronic project development teams and quality assurance teams.

Prerequisites

Initial experience in electronic and FPGA/ASIC development is recommended.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

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Formats

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IMPLEMENTING THE AUTOMOTIVE STANDARD ISO 26262:2018

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.04.04.0013	3 days (21 h)	2450 €
INTRA	2.04.04.0013	3 days (21 h)	5400 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

The aim of this course is to give participants a detailed view of the activities and requirements of the ISO 26262:2018 standard. It covers the fundamental principles of the functional safety assurance approach applicable to safety-critical E/E systems for road vehicles.

PROGRAM

General notions of the regulatory context

- › Type approval, product liability, general product safety

Management of functional safety (Pt. 2)

- › Organisational management of safety and of projects

The concept phase (Pt. 3)

- Role of the item definition and of the hazard analysis and risk assessment (HARA)
- The functional safety concept (FSC & safety goals)

System-level development phase (Pt. 4)

- Specification of technical safety requirements and technical safety concept (TSR, TSC) and of the hardware/software interface (HSI)
- Generation of candidate architectures (decompositions)

Hardware-level development phase (Pt. 5)

- Requirements specification (HwSR) and HW life cycle
- Architectural metrics (SPFM, LFM) and evaluation of safety goal violation (PMHF/EEC)

Software-level development phase (Pt. 6)

- Requirements specification (SwSR) and SW life cycle
- Requirements for software architectures
- Verification of software units, their integration and the embedded software

Post-development phases (Pt. 7)

Safety elements out of context (SEooC) (Pt. 10)

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the applicable organisational provisions (project management, competence management, safety culture)
- Steer the functional safety engineering activities of embedded systems, including supplier activities
- Monitor the compliance status with functional safety requirements for systems or their hardware and software elements across the whole life cycle
- Consider the development or integration of safety elements out of context (SEooC) and the qualification criteria for development tools

USEFUL INFORMATION

Target audience

This course is aimed at R&D department managers, quality managers, project managers, development engineers, test engineers and safety engineers in the automotive sector.

Prerequisites

Knowledge of electronic systems engineering and/or software development approaches.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

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Disability access

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Formats

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IMPLEMENTING THE MEDICAL STANDARD IEC 62304

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.04.0004	2 days (14 h)	1490 €
INTRA	2.01.04.0004	2 days (14 h)	3600 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This course covers the fundamental principles of IEC 62304, which describes the required processes and activities of the medical device software life cycle. It teaches the appropriate implementation methodologies to ensure that software development complies with the requirements of the standard.

PROGRAM

Introduction to software quality assurance

- › General points and links with the other standards of the field

Software safety classes

- › Definitions and methodology for determining safety classes

Software risk management process

- › Analysis of the contribution to hazardous situations
- › Risk control measures

Software development process

- › Establishing the software development plan
- › Impact of the class on each development activity
- › Software verification
- › Use of SOUP (Software Of Unknown Provenance)
- › Reuse of legacy software

Software configuration management process

- › Change and version management

Software problem resolution process

- › Principle and implementation

Software maintenance process

- › Establishing the software maintenance plan

Tools and optimisation of the development process

- › Contribution of an ALM (Application Lifecycle Management) application
- › Code analysis and automated test tools

IEC 62304 and cybersecurity

Questions and conclusion

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the general principles of IEC 62304
- Position IEC 62304 within the medical ecosystem and identify its links with other standards and reference documents
- Interpret the requirements of the standard
- Plan in detail the actions to be carried out and the verifications to be performed for each part of the software life cycle
- Select tools to automate certain activities and gain efficiency
- Use Software Of Unknown Provenance (SOUP) and legacy software while complying with medical device certification constraints

USEFUL INFORMATION

Target audience

This course is aimed at project or product managers, software developers, system architects, testers, software quality managers, internal auditors, and regulatory and medical affairs managers.

Prerequisites

General principles of system and software engineering; some knowledge of programming languages is desirable.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access conditions

A group is formed according to demand, at least 4 weeks before the session starts.

Disability access

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Formats

Several training formats are available, please contact us.

CYBERSECURITY OF MEDICAL DEVICES — IEC 81001-5-1

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.04.0018	1 day (7 h)	960 €
INTRA	2.01.04.0019	1 day (7 h)	1980 €* [*]

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This training course is an introduction to the cybersecurity approach applied to medical devices, describing the processes involved in the life cycle of a medical device and its software, and the methodologies that can be used to meet regulatory and standards requirements relating to cybersecurity risk management.

PROGRAM

Introduction — reminder of basic concepts

Regulatory and normative context of medical device cybersecurity

- › EU and US regulations, principles and approach
- › Overview of applicable standards
- › Requirements of IEC 62304 and IEC 60601-1

Presentation of IEC 81001-5-1

- › Required processes and activities

Presentation of IEC 62443 & 60601-4-5

- › Definition of security levels and foundational requirements
- › Determination of security capabilities: IEC 62443-4-2
- › Application to MEE: IEC 60601-4-5

Collateral standards applicable to connected medical devices

- › IEC 80001-1 and associated technical reports

Security risk management

- › Risk assessment / ISO 14971
- › Threat modelling
- › Vulnerability assessment / CVSS standard

Secure development process

- › Secure by design standard
- › Use of third-party software (SOP, OTS)
- › Software cybersecurity audit tools

Response to cybersecurity events

Questions and conclusion

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Position cybersecurity within the medical ecosystem and understand the applicable regulatory requirements
- Carry out cybersecurity risk assessment
- Implement the requirements of IEC 81001-5-1
- Plan in detail the actions to be carried out and the verifications to be performed for each part of the medical device life cycle
- Select the tools required to perform code audits
- Plan the response to a cybersecurity incident

USEFUL INFORMATION

Target audience

This course is aimed at project or product managers, software developers, system architects, cybersecurity managers, internal auditors, and regulatory and medical affairs managers.

Prerequisites

General principles of system and software engineering; knowledge of the quality assurance management system (ISO 13485) and of basic risk management principles is desirable.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access conditions

A group is formed according to demand, at least 4 weeks before the session starts.

Disability access

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Formats

Several training formats are available, please contact us.

IMPLEMENTING THE STANDARD ISO 13849-1

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.04.04.0017	2 days (14 h)	1750 €
INTRA	2.04.04.0017	2 days (14 h)	3600 €* [*]

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This course presents the fundamental principles of ISO 13849-1:2023 applicable to machinery safety. It explains how to define the safety objectives of the control systems of a machine and the methodologies to be implemented to guarantee that they are met.

PROGRAM

Introduction

- › Reminder of safety (dependability) principles
- › Main standards of the field

Regulatory context

- › Machinery Directive & Regulation
- › ISO 12100 and positioning of ISO 13849

Design requirements of ISO 13849-1

- › General design principles
- › Determination of the required PL (PLr)
- › Requirements associated with the PL: MTTFD, DC, category

Designated architectures

- › Description and benefit of the designated architectures

Requirements applicable to software

- › System software
- › Application software
- › IEC 61508-3: prescribed techniques and methods

Cybersecurity

Technical provisions according to technology

- › Well-tries safety principles and components
- › Fault exclusion

Validation of the achieved PL

- › Validation of quantitative performance
- › Validation of systematic capability
- › Software validation

Use of development process optimisation tools

- › Code analysis and automated test tools
- › SISTEMA

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the general principles of ISO 13849
- Position ISO 13849 within the ecosystem of the machinery directive/regulation
- Determine the required performance level (PL a to PL e) of the control system of a machine
- Apply the requirements of the required PL
- Validate the achievement of the performance level
- Use tools to gain efficiency

USEFUL INFORMATION

Target audience

This course is aimed at project or product managers, system architects, software developers, validation managers, quality managers, internal auditors and regulatory managers.

Prerequisites

General principles of system/software engineering and of functional safety.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

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Formats

Several training formats are available, please contact us.

IMPLEMENTING THE STANDARD ISO 25119

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.04.04.0018	2 days (14 h)	1750 €
INTRA	2.04.04.0018	2 days (14 h)	3600 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

The aim of this course is to give participants a detailed view of ISO 25119, the standard applicable to safety-related control systems of tractors and agricultural and forestry machinery (mechanical, electronic, hydraulic, pneumatic and software).

PROGRAM

Introduction to the safety approach

Regulatory and normative context

- › Machinery Directive 2006/42/EC
- › ISO 12100 / ISO 25119 standards

ISO 25119-1: general principles for design and development

ISO 25119-2: project phase

- › Determination of the AgPLr level
- › Functional safety concept
- › MTTFd, DC, SRP/CS, SRL
- › Designated architectures for SRP/CS

ISO 25119-3: series development, hardware and software

- › System aspects / hardware aspects / software aspects
- › Independence through software partitioning

ISO 25119-4: production, operation, modification and maintenance processes

- › Quality management system
- › Verification and validation, configuration management, modification, product release
- › Supplier-related procedure
- › Production planning, production
- › Documentation

Conclusion

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the general principles of ISO 25119
- Understand the methods for taking the safety (dependability) activities of a system into account
- Implement the principles for determining the targeted functional safety level (AgPL)
- Understand the engineering expectations of ISO 25119
- Understand the approach for validating the functional safety level achieved

USEFUL INFORMATION

Target audience

This course is aimed at department managers, quality managers, project managers, development engineers, test engineers, etc.

Prerequisites

Knowledge of development engineering approaches.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

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Formats

Several training formats are available, please contact us.

IMPLEMENTING THE STANDARD IEC 61508

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.04.04.0011	3 days (21 h)	2450 €
INTRA	2.04.04.0011	3 days (21 h)	5400 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This course covers the fundamental principles of functional safety for software-intensive industrial systems in accordance with IEC 61508.

PROGRAM

Introduction to IEC 61508

- › General presentation of the standard
- › Structure / general principles / safety life cycle
- › Functional safety assessment

System view

- › Objectives and requirements of the system phases
- › Determination and allocation of the SIL level
- › Presentation of the PHA, FMEA and FTA methods

Software view

- › Upstream phases — requirements according to SIL level / documentation
- › Downstream phases — requirements according to SIL level
- › Systematic capability / safety manual

Functional safety and reuse

- › Component paths and qualification: reuse, COTS
- › Tool qualification

Discussion and conclusion

Third day: electronic hardware view

- › Objectives and requirements of the E/E/PE phases
- › Random failures and SIL
- › Systematic failures and SIL / safety manual

FPGA view

- › FPGA life cycle / requirements according to SIL level

Discussion and conclusion

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the general principles and the development processes required to comply with IEC 61508 (system, electronics, software)
- Know how the implementation of IEC 61508 is modulated according to the SIL level
- Determine the actions and documents needed to justify compliance with IEC 61508
- Understand the provisions applicable when using tools or reusable components
- Understand the quantitative assessment methods for electronic parts (on the third day)

USEFUL INFORMATION

Target audience

This course is aimed at department managers, quality managers, project managers, development engineers, test engineers and safety engineers.

Prerequisites

Knowledge of the electronic and/or software development engineering approach (V-cycle).

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

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Formats

Several training formats are available, please contact us.

IMPLEMENTING THE STANDARD IEC 61508 — SOFTWARE PART

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTRA	2.04.04.0005	2 days (14 h)	3600 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This course covers the fundamental principles of the software certification approach according to IEC 61508. It teaches the appropriate implementation methodologies to ensure that software development complies with the requirements of the standard.

PROGRAM

Introduction to software quality assurance

- › Normative context: positioning of IEC 61508

Detailed presentation of IEC 61508

- › General principles
- › Safety life cycle
- › Risk management

Software functional safety

- › Risk analysis approach
- › Reminder of safety techniques and tools
- › Software FMECA
- › Classification of software and definition of its SIL level

Software: construction

- › Requirements of the standard regarding software

Software: verification and validation

Functional safety and reuse

- › Reused specific software
- › Commercial off-the-shelf software components (COTS)
- › Qualification of development tools

Other standards (differences from IEC 61508)

- › Railway: EN 50128 / 50126 / 50129
- › Automotive: ISO 26262
- › Aeronautics: DO-178 B/C

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the general principles and general provisions of IEC 61508 and those relating to software
- Interpret the software requirement tables of IEC 61508
- Define the activities for software development and verification
- Implement tools and reusable components
- Make the link with the other standards and reference documents of the field

USEFUL INFORMATION

Target audience

This course is aimed at project managers, software developers, system architects, safety engineers, test and validation engineers, software quality managers and internal auditors.

Prerequisites

General principles of system and software engineering. Knowledge of programming languages is desirable.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

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Formats

Several training formats are available, please contact us.

IMPLEMENTING THE RAILWAY STANDARD EN 50716

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.04.04.0019	2 days (14 h)	1750 €
INTRA	2.04.04.0020	2 days (14 h)	3600 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This course gives participants a detailed view of the railway standard applicable to all software, including its links with the other standards of the sector (EN 50126-1&2 and EN 50129) and formerly EN 50128 and EN 50657. It defines and organises the approaches, methods and means to be implemented for its application.

PROGRAM

Introduction to the safety approach

Normative context

- Standards applicable in the railway sector

Detailed presentation of EN 50126 (system)

- General principles
- Safety life cycle
- Organisation
- Risk approach
- Determination of safety integrity levels (SIL)
- Safety assessment required by EN 50126

Detailed presentation of EN 50716

- General principles
- Safety life cycle
- Determination of the SIL level
- Organisation
- Requirements management

Software construction

Software verification and validation

Reuse and tools

- Previously developed software
- Commercial off-the-shelf software components
- Qualification of development tools

Functional safety and reuse

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the general principles and plans of EN 50716 and of the associated standards
- Acquire the mindset and methods for taking the safety activities of a system and of software into account
- Apply the principles for determining the targeted functional safety level
- Acquire a complete view of the provisions applicable to software aspects
- Apply the approach for validating the functional safety level achieved

USEFUL INFORMATION

Target audience

This course is aimed at department managers, quality managers, project managers, development engineers, test engineers, etc.

Prerequisites

Knowledge of one or more development methodologies (V-cycle, etc.).

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

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Disability access

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Formats

Several training formats are available, please contact us.

MOVING FROM THE RAILWAY STANDARD EN 50128 ED.2 TO EN 50716

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTRA	2.04.04.0020	1 day (7 h)	1800 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This course gives specialists of EN 50128 (or EN 50657) a detailed view of the differences between those former standards and the new railway standard applicable to all software: EN 50716.

PROGRAM

Detailed presentation of EN 50716

- General principles
- Safety life cycle
- Organisation

Software construction

- Phasing of activities
- Influence of the SIL level

Software verification and validation

- Phasing of activities
- Influence of the SIL level

Additional aspects

- Life-cycle adaptation
- Model-based development and standard compliance
- Use of artificial intelligence

Discussion and conclusion

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the general principles and plans of EN 50716 and of the associated standards
- Apply the planning and organisation aspects of EN 50716
- Acquire a complete view of the provisions applicable to software compliant with EN 50716
- Apply the approach for validating the functional safety level achieved
- Take more recent topics into account (life-cycle adaptation, model-based development, use of artificial intelligence)

USEFUL INFORMATION

Target audience

Department managers, quality managers, project managers, development engineers, test engineers, safety engineers, etc.

Prerequisites

Participants with strong practical knowledge of EN 50128 Ed.2 (or its counterpart EN 50657).

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

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Disability access

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Formats

Several training formats are available, please contact us.

IEC 62443 — INDUSTRIAL CYBERSECURITY

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.01.0001	2 days (14 h)	1390 €
INTRA	2.01.01.0001	2 days (14 h)	3600 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

This course helps manufacturers of industrial system components better understand the parts of IEC 62443 that specifically apply to them. It covers the development life cycle defined by IEC 62443-4-1 as well as the technical requirements (IEC 62443-4-2). Participants will also discover the general context of the standard and understand how their products fit into the security ecosystem of IACS, so as to better meet the expectations of their operator and integrator customers.

PROGRAM

Introduction to industrial cybersecurity

- Context and challenges of IT/OT convergence
- Fundamental differences IT vs OT (CIA priorities, update cycles, impacts)

General presentation of IEC 62443

- Structure of the standard: levels 1 to 4
- The three main stakeholders
- Key concepts

Overview of levels 1, 2 and 3

IEC 62443-4-1: secure development life cycle

- Objective and scope of the SDL
- Content
- Benefits of adoption for manufacturers

IEC 62443-4-2: technical component requirements

- Types of components
- Structure of the requirements
- Mapping of security levels and requirements
- The seven foundational requirements applied to components

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Identify the issues and specific features of industrial systems cybersecurity (OT vs IT)
- Understand the structure of IEC 62443 and the manufacturer responsibilities compared with operators and integrators
- Better grasp the implementation of a secure development life cycle compliant with IEC 62443-4-1
- Better grasp the implementation of the technical security requirements of IEC 62443-4-2
- Better grasp the product certification approach

USEFUL INFORMATION

Target audience

R&D managers and product development project managers; software and embedded system architects; developers of industrial products (PLCs, HMIs, SCADA, gateways, sensors); product quality and compliance teams; product cybersecurity managers.

Prerequisites

Basic knowledge of software development; basic notions of cybersecurity; knowledge of development processes is a plus.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access conditions

A group is formed according to demand, at least 4 weeks before the session starts.

Disability access

Our training offer is accessible to all. If you have a disability requiring a specific arrangement, please contact our Disability Correspondent — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

CYBERSECURITY OF EMBEDDED SYSTEMS

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.01.0009	2 days (14 h)	1390 €
INTRA	2.01.01.0009	2 days (14 h)	3600 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

A reference player in embedded systems for more than 25 years, ISIT offers a course focused specifically on embedded systems cybersecurity. It covers the challenges, threats, standards and requirements applicable to embedded systems, as well as the various solutions and techniques to be implemented to reduce risk — at coding, system architecture and communication level — and thus improve the cybersecurity of the system.

PROGRAM

Introduction

Risks in embedded systems

- › Risks
- › Attack methods

Normative and standard references

- › IEC 62443, ISO 21434, etc.

Embedded project management and information systems security

Secure by design approach

Securing embedded systems

Securing production

Protecting existing embedded systems

Conclusion

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Approach the design of new connected products and services with confidence
- Adapt protection measures to the context
- Position yourself in a secure by design approach

USEFUL INFORMATION

Target audience

All project managers and designers/developers of embedded systems.

Prerequisites

Knowledge of embedded systems development principles.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

Our training offer is accessible to all. If you have a disability requiring a specific arrangement, please contact our Disability Correspondent — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Several training formats are available, please contact us.

CYBER RESILIENCE ACT (CRA)

Can be delivered in person or remotely.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.04.0023	1 day (7 h)	960 €
INTRA	2.01.04.0028	1 day (7 h)	1980 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

How can you assess the impact of the CRA on CE marking and on the entire lifecycle of your products?

Regulation (EU) 2024/2847, better known as the Cyber Resilience Act (CRA), establishes the regulatory framework for cybersecurity and CE marking for products with digital elements.

PROGRAM

General context

Obligations of economic operators and new requirements

Classification of products with digital elements

- › The case of open source
- › The case of artificial intelligence (AI)

Conformity assessment of products with digital elements

Alignment with the IEC 62443 standard

Conclusion

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Understand the scope of the CRA and its impact on the life cycle of your products with digital elements
- Understand the obligations regarding compliance with the essential cybersecurity requirements related to products with digital elements
- Identify the applicable obligations
- Make the connection with other regulations or directives

USEFUL INFORMATION

Target audience

Department managers, quality managers, and managers of products with digital elements.

Prerequisites

Software product development process.

Teaching, technical and supervisory resources

Each learner is provided with digital course materials in English. The session teaching programme lists the methods used.

Trainee monitoring methods

Entry questionnaire, mid-course quiz, exit questionnaire and satisfaction questionnaire.

Access deadline

Groups are formed according to demand, no later than four weeks before the start of the session.

Accessibility for people with disabilities

Our training courses are accessible to all. If you have a disability that requires special arrangements, please contact our Disability Officer — Tel: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Several training formats are available, please contact us for more information.

CYBER RESILIENCE ACT (CRA): ESSENTIAL BRIEFING FOR TOP MANAGEMENT

Delivered remotely.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.04.0024	0.5 day (4 h)	960 €
INTRA	2.01.04.0029	0.5 day (4 h)	1980 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

How is your organisation adapting to the CRA?

The EU Regulation 2024/2847, better known as the Cyber Resilience Act (CRA), establishes the regulatory framework for cybersecurity and CE marking for products containing digital components.

PROGRAM

General background

Obligations of economic operators and new requirements

Overview of the Product Liability Directive

The insurance sector and cybersecurity

Classification of products with digital components and conformity assessment

Roadmap towards a CRA organization

- › Timeline, organization, example of CAPEX/OPEX

Conclusion

Benefits

- › Clear understanding of obligations
- › Organizational impact assessment
- › Actionable next steps

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Understand the scope of the CRA and its impact on business processes
- Understand the obligations regarding compliance with the essential cybersecurity requirements for products containing digital components
- Identify the applicable obligations
- Understand the concepts relating to product and supply chain cybersecurity
- Assess the implementation of the CRA through an organizational roadmap

USEFUL INFORMATION

Target audience

Senior manager, purchasing manager, pre-sales manager, after-sales manager, contracts manager.

Prerequisites

Understanding of the company business processes.

Educational, technical and supervision resources

A digital training manual, in English, is provided to each participant. The session teaching plan outlines the methods used.

Monitoring of participants

Entry questionnaire, final questionnaire, and a satisfaction survey.

Access delay

Groups are organized based on demand, with a maximum lead time of 4 weeks before the session starts.

Disability access

Our training offer is accessible to all. If you have a disability that requires specific accommodations, you may contact our Disability Coordinator — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Multiple training formats available, please contact us.

THE CAN BUS

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.03.0001	2 days (14 h)	1390 €
INTRA	2.01.03.0001	2 days (14 h)	3980 €* [*]

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

With more than 20 years of experience in the CAN field, ISIT offers a course based on the theory of the CAN protocol, its hardware and the associated higher-layer protocols, to support you in understanding and quickly implementing the CAN (Controller Area Network) fieldbus.

PROGRAM

Introduction to CAN

The CAN bus (ISO 11898-1)

CAN 2.0B

- › Frame composition
- › Stuffing / arbitration mechanism
- › Errors
- › Bus speed (bit timing)
- › CAN 2.0B — the differences
- › CAN FD — the evolutions

Physical layers (LS/HS/FD)

- › Topologies
- › Media
- › Physical signals

CAN components

- › Controllers
- › Transceivers

Application layers

- › CANopen
- › DeviceNet
- › J1939
- › ISO-TP

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the fundamentals of the CAN bus and draw the analogy between the CAN bus, its application layers and the OSI model
- Understand the architecture of CAN frames (2.0A, 2.0B, FD)
- Grasp the implementation of CAN networks and equipment
- Understand the opening towards application layers (standardised and proprietary)

USEFUL INFORMATION

Target audience

This course is aimed at project managers, engineers and technicians who may initiate, supervise or take part in the development of CAN-based applications, as well as people involved in the management and operation of CAN-based systems.

Prerequisites

Basic knowledge of fieldbuses and industrial computing.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

Our training offer is accessible to all. If you have a disability requiring a specific arrangement, please contact our Disability Correspondent — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Several training formats are available, please contact us.

THE CANOPEN PROTOCOL

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.03.0015	2 days (14 h)	1390 €
INTRA	2.01.03.0015	2 days (14 h)	3980 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

A member of CiA and with more than 15 years of experience in the CAN/CANopen field, ISIT offers a course based on theory but also including practical examples, to support you in understanding and quickly implementing this protocol.

PROGRAM

Introduction to CAN / CANopen

Communication model

Network management

- › The NMT layer
- › Monitoring

Communication profile CiA-301

- › Description
- › The object dictionary
- › Communication objects
- › Error management

Device profile CiA-401

- › Description
- › Digital inputs/outputs
- › Analogue inputs/outputs
- › Pre-defined connection set
- › Default PDO mapping
- › Meaning of the errors

Configuration files

- › Use
- › File structure
- › Conformance testing

Going further

- › Layer Setting Service (LSS)
- › CANopen Safety
- › Flying Master

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the fundamentals of the CAN bus
- Know the CANopen messaging services
- Grasp the principle of the object dictionary
- Understand the implementation of a CANopen network architecture
- Visualise the CANopen protocol through practical examples

USEFUL INFORMATION

Target audience

This course is aimed at project managers, engineers and technicians who may initiate, supervise or take part in the development of CANopen systems and/or equipment.

Prerequisites

Basic knowledge of fieldbuses and industrial computing.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

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Formats

Several training formats are available, please contact us.

INTRODUCTION TO THE SAE J1939 PROTOCOL

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.03.0006	2 days (14 h)	1390 €
INTRA	2.01.03.0006	2 days (14 h)	3980 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

With more than 20 years of experience in the CAN bus and its application layers, ISIT offers a course detailing the operating mechanisms of the SAE J1939 protocol and presenting messaging examples, to allow a quick understanding and implementation of this protocol.

PROGRAM

Reminders on the CAN bus

Introduction to the J1939 protocol

The J1939 standards

- › OSI model
- › The different standards

Message structure

- › Message identifiers and data
- › The PDU concept
- › Types of messages
- › Parameter groups and SPN
- › Transport protocol

Addressing system

Network management

- › ECU NAME
- › Address claiming
- › Type of CA

The network layer

- › Interconnection ECUs
- › Interconnection functions

Diagnostics

- › Active diagnostic trouble codes
- › Other diagnostic messages

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the fundamentals of the CAN bus
- Understand the objectives of the SAE J1939 protocol
- Know the associated messaging services (PDU, transport)
- Understand how PGN/SPN work
- Be able to analyse or implement the SAE J1939 protocol

USEFUL INFORMATION

Target audience

This course is aimed at project managers, engineers and technicians who may implement a J1939 network or take part in the development of J1939 applications.

Prerequisites

Basic knowledge of fieldbuses and industrial computing.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

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Formats

Several training formats are available, please contact us.

TROUBLESHOOTING INDUSTRIAL ETHERNET NETWORKS AND FIELDBUSES

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.03.0024	1 day (7 h)	790 €
INTRA	2.01.03.0024	1 day (7 h)	1990 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

Through theoretical training complemented by various examples, this course provides both theoretical knowledge and examples of tool usage for detecting, investigating and then resolving the recurring problems of industrial Ethernet-based networks: EtherCAT, EtherNet/IP-CIP, PROFINET, Modbus TCP.

PROGRAM

Introduction

Ethernet

TCP/IP networks

Industrial Ethernet protocols

- › Modbus TCP
- › EtherNet/IP
- › PROFINET
- › EtherCAT

Implementation precautions

Investigating physical problems

Investigating logical problems

Summary

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the different types of problems that can occur
- Understand the problems inherent to industrial communication networks
- Know the actions to be implemented to detect problems
- Grasp the possible solutions to the problems encountered

USEFUL INFORMATION

Target audience

This course is aimed at technicians and maintenance managers who may initiate, supervise or take part in the development of networks and fieldbuses.

Prerequisites

Basic knowledge of fieldbuses and of low-voltage systems.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

Our training offer is accessible to all. If you have a disability requiring a specific arrangement, please contact our Disability Correspondent — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Several training formats are available, please contact us.

DISCOVERING ETHERCAT TECHNOLOGY

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.03.0019	2 days (14 h)	1390 €
INTRA	2.01.03.0019	2 days (14 h)	3980 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

As a key player in providing tools and software stacks around the EtherCAT protocol, ISIT offers the only French-language training referenced on the ETG (EtherCAT Technology Group) website. Through this training, you will discover the concepts of EtherCAT technology and best practices for implementation.

PROGRAM

Review of Ethernet operation

Basics of EtherCAT operation

Topologies

- › Different possible topologies
- › Integration into a traditional Ethernet network
- › Redundancy
- › Hot Connect and Fast Hot Connect

Structure of the EtherCAT frame

- › The EtherCAT frame
- › Description of a datagram header
- › Addressing
- › Principle of the circulating frame
- › Types of EtherCAT commands
- › Working counter

The EtherCAT slave controller

- › Overview
- › Process unit / FMMU / SyncManager / EEPROM
- › IRQ / slave states / watchdog

Messaging (mailboxes)

- › General operation
- › CoE / EoE / FoE / SoE

Communication timing (SYNC/DC)

Safety over EtherCAT (FSoE)

Analysis and diagnostics

Installation of EtherCAT networks

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Understand the fundamentals of industrial Ethernet networks and fieldbuses
- Know the Ethernet technology
- Grasp the fundamental and advanced principles of EtherCAT technology
- Understand the investigation techniques for troubleshooting

USEFUL INFORMATION

Target audience

This course is aimed at project managers, engineers and technicians who may be required to initiate, supervise or participate in the development of applications based on EtherCAT technology.

Prerequisites

Basic knowledge of field networks and industrial computing.

Educational, technical and supervision resources

Each participant will receive digital course material. The pedagogical progression of the session outlines the chosen methods.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire, and a satisfaction survey.

Access delay

A group is formed based on demand, with a maximum delay of 4 weeks before the session starts.

Disability access

Our training offer is accessible to everyone. In case of any specific accommodation required for disabilities, you can contact our Disability Correspondent — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Multiple training formats are available; please contact us.

INDUSTRIAL ETHERNET

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.03.0002	2 days (14 h)	1390 €
INTRA	2.01.03.0002	2 days (14 h)	3980 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

With more than 20 years of experience in fieldbuses, ISIT offers a course presenting the main features of the various industrial Ethernet networks on the market, so that you can become familiar with the technologies and compare them in order to make a technological choice where necessary.

PROGRAM

Introduction

- › History of Ethernet
- › Reminder of how Ethernet works

Presentation of the industrial Ethernet protocols

- › Modbus TCP
- › EtherNet/IP
- › PROFINET
- › EtherCAT
- › Ethernet Powerlink
- › TSN
- › MQTT

Use cases of these protocols

- › Which applications
- › Which market position
- › Strengths and weaknesses of each
- › Implementation scenarios

Summary

- › Comparison table

Conclusion

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the fundamentals of Ethernet
- Know the fundamentals of the base layers (TCP-UDP/IP)
- Understand the operating mechanisms of the major industrial Ethernet protocols
- Grasp the strengths and weaknesses of these protocols

USEFUL INFORMATION

Target audience

This course is aimed at project managers, engineers and technicians who may initiate, supervise or take part in the development of applications related to industrial Ethernet fieldbuses.

Prerequisites

Basic knowledge of fieldbuses.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

Our training offer is accessible to all. If you have a disability requiring a specific arrangement, please contact our Disability Correspondent — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Several training formats are available, please contact us.

MECHANISMS & CONCEPTS OF THE ETHERNET/IP-CIP PROTOCOL

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.03.0009	2 days (14 h)	1590 €
INTRA	2.01.03.0009	2 days (14 h)	3980 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

As a key player in providing tools and software stacks around the EtherNet/IP – CIP protocol, ISIT offers one of the only courses currently available in France that lets you understand how EtherNet/IP-CIP networks work and also develop equipment.

PROGRAM

Introduction to industrial Ethernet

Ethernet networks

The TCP/IP layers

The CIP protocol

EtherNet/IP encapsulation

The application layer

- › Device configuration
- › Objects

Protocol extensions

The physical layer

- › Recommendations

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the fundamentals of the EtherNet/IP-CIP protocol
- Know the messaging services
- Understand the physical and software requirements imposed by this protocol
- Grasp the management and configuration of a system in operation

USEFUL INFORMATION

Target audience

This course is aimed at project managers, engineers and technicians who may initiate, supervise or take part in the development of EtherNet/IP applications.

Prerequisites

Basic knowledge of fieldbuses and industrial computing.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

Our training offer is accessible to all. If you have a disability requiring a specific arrangement, please contact our Disability Correspondent — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Several training formats are available, please contact us.

UNDERSTANDING THE PROFINET PROTOCOL

Available for both in-person and remote training.

Type	Reference	Duration	Price excl. VAT
INTER	1.01.03.0012	2 days (14 h)	1390 €
INTRA	2.01.03.0012	2 days (14 h)	3980 €*

* Flat rate for up to 6 participants

TRAINING DESCRIPTION

As a key player in providing tools and software stacks around industrial communication protocols, ISIT offers one of the only courses currently available in France on the PROFINET protocol, allowing you to understand how PROFINET networks work and also to develop the associated equipment.

PROGRAM

Introduction

Overview of Ethernet & TCP/IP

- › Ethernet technology
- › TCP/IP and IT protocols
- › Networking notions
- › Network equipment

PROFINET basics

- › The PROFINET concept
- › Physical layer
- › Network topology
- › Redundancy

PROFINET IO technology

- › Device modelling
- › Standard communication mechanisms
- › Alarms and diagnostics
- › PROFINET IRT

Operating principle of a network

Hardware and software for implementing PROFINET equipment

- › Hardware presentation
- › Basic functional PROFINET network
- › SIEMENS S7-1200 PLC (TIA Portal)
- › Commercial IO devices
- › Analysis of network exchanges with an Ethernet analyser

LEARNING OBJECTIVES

At the end of the training, the learner will be able to:

- Know the basics of Ethernet networks
- Know the fundamentals of the PROFINET protocol
- Grasp the IO Device concept
- Understand the physical and software requirements imposed by this protocol

USEFUL INFORMATION

Target audience

This course is aimed at project managers, engineers and technicians who may initiate, supervise or take part in the development of PROFINET systems and applications, as well as people involved in the management and operation of PROFINET-based systems.

Prerequisites

Basic knowledge of communication networks.

Educational, technical and supervision resources

Each participant receives digital course material. The session teaching plan lists the methods used.

Monitoring of participants

Entry questionnaire, mid-training quiz, exit questionnaire and a satisfaction survey.

Access delay

A group is formed according to demand, no later than 4 weeks before the session starts.

Disability access

Our training offer is accessible to all. If you have a disability requiring a specific arrangement, please contact our Disability Correspondent — Phone: +33 5 61 30 69 00, Email: formation@isit.fr

Formats

Several training formats are available, please contact us.

REGISTRATION FORM

To be returned completed and signed to formation@isit.fr

ISIT — Training department
7 rue André-Marie AMPERE
31830 Plaisance du Touch, France

1 — TRAINING COURSE

Course title

Reference

Session dates

Location / remote

Format

☐

INTER (open enrolment)

☐

INTRA (in-company)

☐

Remote (distance learning)

Price excl. VAT

2 — PARTICIPANTS

Last name

First name

Job title

Email / phone

Please attach a separate sheet for additional participants. Any specific arrangement linked to a disability can be indicated here or notified to our Disability Correspondent.

3 — COMPANY

Company name

Business sector

Address

Postcode / city / country

Training contact — name, email, phone

4 — BILLING DETAILS

Billing name and address (if different)

Intra-community VAT number

Purchase order number

Invoicing contact — name, email, phone

Registration is confirmed on receipt of this form, subject to available places. A confirmation and an invitation are sent by email no later than one week before the session. Prices are quoted in euros, excluding VAT, and include the course material. Cancellation less than 10 working days before the start of the session is invoiced in full; a participant may be replaced at any time.

Date

Name and position

Signature and company stamp