TRAININGS

ISIT offers a full range of theoretical and technical training related to the technologies it supports, based on its multidisciplinary skills developed over the years, particularly in safety and security, field networks and real-time systems.

Our training courses are available face-to-face or remotely (FOAD) in:

• Inter-company (Training for employees from different companies),

• Intra-company (Training for employees of the same company), on dates that will suit you and thus be personalized if necessary.

ISIT's expertise, quality and know-how have contributed to its **QUALIOPI certification**.

Qualiopi
processus certifié
RÉPUBLIQUE FRANÇAISE

La certification qualité a été délivrée au titre de la catégorie d'action suivante :
ACTIONS DE FORMATION

The QUALIOPI label from ISIT, a national quality benchmark, attests to the quality of our implemented process, optimizes our organization, enhances our practices and allows us to benefit from funding via funding organizations in order to continue to satisfy our customers.

ISIT is a training center registered under number 73 31 04675 31.
This registration does not constitute State approval - Art.L6352-12 of the Labor Code Circ. No. 2006-10 of 03/16/06

NEXT SESSION :

Implementation of the *IEC 62304* standard – Software for medical devices

CONTACT YOUR INTERLOCUTOR

Elie PEETERS

epeeters@isit.fr
Mobile: +33 (0)7 66 62 40 01 **| Phone:** +33 (0)5 61 30 69 00
www.isit.fr

Adress : 7 rue André-Marie AMPERE 31830 PLAISANCE DU TOUCH – France
Phone : +33 (0)5 61 30 69 00

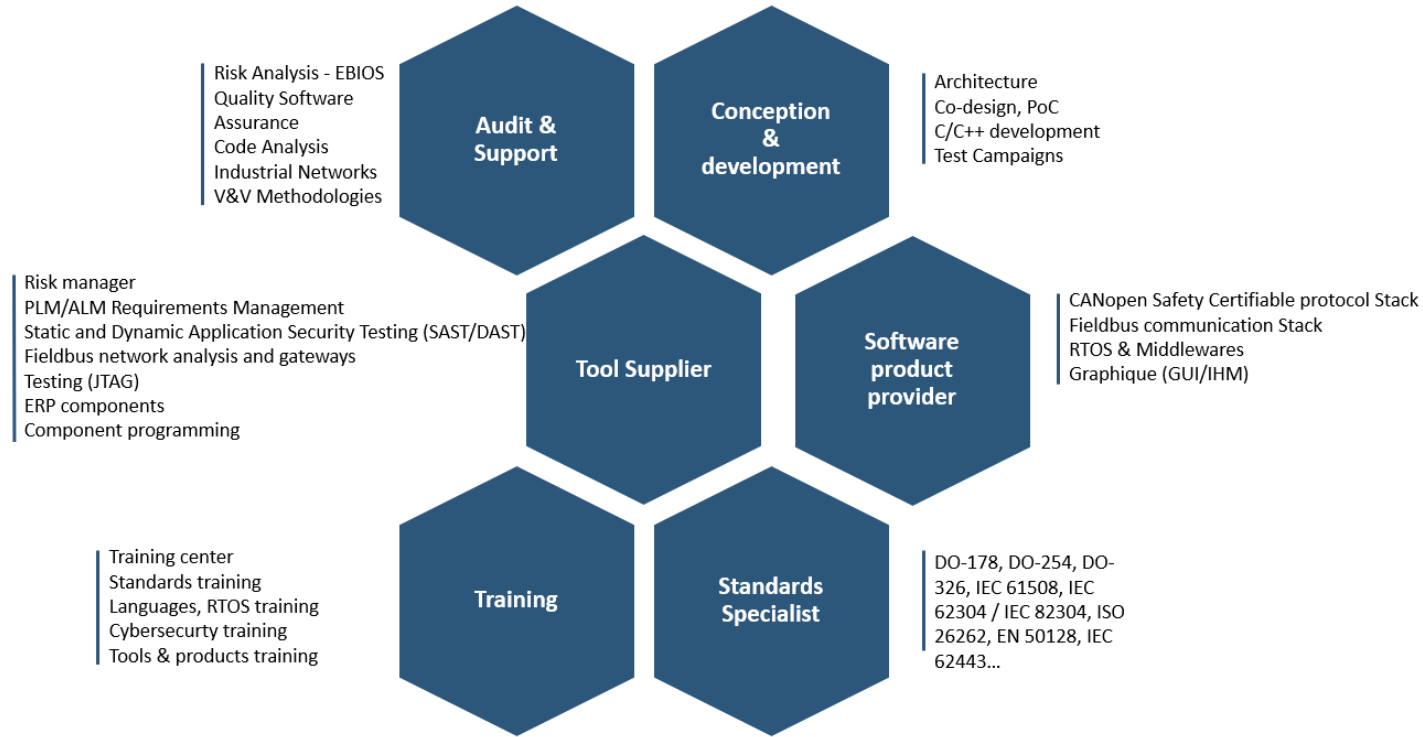*ISIT Training Catalog*

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MEDICAL

Expert in Quality Assurance, Software Safety and Security, for more than 30 years, ISIT is able to offer you tool and training solutions for medical devices in which electronics and software play an increasing part. Our solutions will help you in the development of your technological products, but also in compliance with safety standards (ISO 13485 - IEC 62304 - UL2900) whose importance is growing in the sector.

From requirements traceability (ALM) to software quality test tools (SAST, SCA), through support, training and expertise missions in safety and cybersecurity, ISIT will be able to guide you throughout the life cycle of your developments.

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Cybersec & Safety Partners

SAFETY & SECURITY EXPERTS and TOOLS
for your DEVELOPMENTS

Audit & Support
- Risk Analysis - EBIOS
- Quality Software Assurance
- Code Analysis
- Industrial Networks
- V&V Methodologies

Conception & development
- Architecture
- Co-design, PoC
- C/C++ development
- Test Campaigns

Tool Supplier
- Risk manager
- PLM/ALM Requirements Management
- Static and Dynamic Application Security Testing (SAST/DAST)
- Fieldbus network analysis and gateways
- Testing (JTAG)
- ERP components
- Component programming

Software product provider
- CANopen Safety Certifiable protocol Stack
- Fieldbus communication Stack
- RTOS & Middlewares
- Graphique (GUI/IHM)

Training
- Training center
- Standards training
- Languages, RTOS training
- Cybersecurty training
- Tools & products training

Standards Specialist
- DO-178, DO-254, DO-326, IEC 61508, IEC 62304 / IEC 82304, ISO 26262, EN 50128, IEC 62443...

SERVICES

Based on a large set of skills, ISIT has developed a range of services to support its customers in their projects:

• **Advice and support in software quality assurance**, from activity planning to software validation, for certification or for improving internal processes

• **Training** in functional safety standards and the implementation of appropriate technologies (safety and secure communication protocols, certified/certifiable RTOS, etc.)

• **Audit of source code** and documentation following the software to verify compliance with the requirements of functional safety standards (IEC 62304, IEC 61508, ISO 13489, etc.) and/or cybersecurity (UL2900, IEC 60601/FDA, IEC 62443, DO326A/ED202A, ISO21434...)

• **Development of critical embedded software,** at application level or low level (creation / porting of BSP, communication stack, etc.) in quality assurance, with or without final certification

• **Software verification services** (advanced static analysis, unit and integration testing, validation) in accordance with the requirements of the security standards applicable to the project
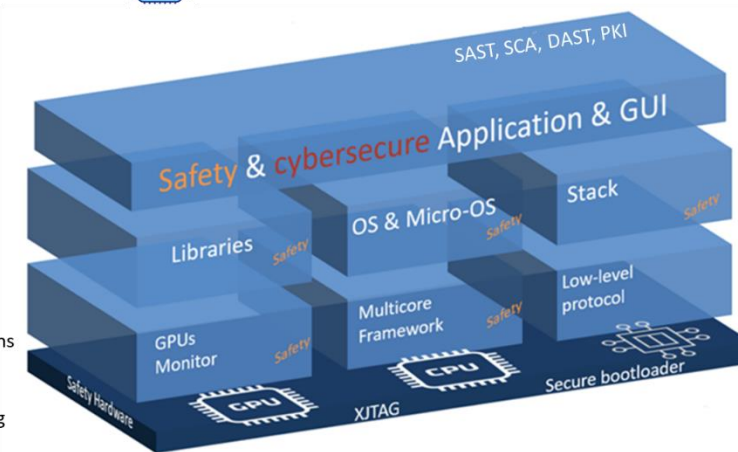
PARTNERS :

Solution Partner - Smart Expert - Digital Industries Software - SIEMENS
LDRA
CoreAVI - INNOVATING A SAFER TOMORROW
CS CODESECURE
EGERIE - INTEGRATED CYBERRISK MANAGEMENT
ALL4TEC - SAFE & SECURE
Reactive Systems, inc
SECTIGO
DiSTI
PQ SHIELD
Embedded Office
MEND - WhiteSource is now MEND
ITTIA - Database for a Secure & Connected World
aicas realtime
CRANK SOFTWARE
Ixxat BY HMS NETWORKS
HMS
acontis technologies
PYRAMID SOLUTIONS
red lion
PROEMION
H.-J. Schleißheimer - Soft- und Hardware Entwicklung GmbH
LIPOWSKY INDUSTRIE-ELEKTRONIK
XJ TAG
SMH Technologies - UNIVERSAL PRODUCTION & SYSTEM PROGRAMMING
PE micro
OPTYMO
XELTEK SUPERPRO
RONETIX development tools
Acute PC-based T&M Instruments

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ON DEMAND SAFETY & CYBERSECURITY :

TOOLS
- SCA & SAST Solutions
- Dynamic Application Security Testing (DAST)
- PLM/ALM Requirements Management
- Risk Manager
- Critical Embedded real-Time Software
  - Safety & Secure Certifiable
  - Hypervisor Secure Embedded Databases SQL
  - Graphics Critical/HMI Solutions
- Network simulator (CANopen, EtherCAT)
- Others: Programming and testing tools (Boundary Scan)

TECHNOLOGICS STACKS

SAST, SCA, DAST, PKI
Safety & cybersecure Application & GUI
Libraries
OS & Micro-OS
Stack
GPUs Monitor
Multicore Framework
Low-level protocol
Safety Hardware
GPU
CPU
XJTAG
Secure bootloader

SERVICES
- Certification of security applications
- Source code, normative compliance audit, writing of Software Quality Assurance Plan
- Software testing Services (Unit Tests, Integration, Validation …)
- Trainings
  - Safety standards (DO-178, DO-254, IEC 61508, IEC 62304, ISO 26262,EN 50128 …)
- Cybersecurity of embedded systems

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