### **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**.

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.

Sessions
Automotive ISO 26262
Avionics DO178C
Avionics DO254
Rail EN 50128
Industry IEC 61508
Safety of machines ISO 13849
Agriculture ISO 25119
Medical IEC 62304
Cybersecurity software and embedded systems



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

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











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# **CYBERSECURITY**

Safety & Security Convergence for Embedded

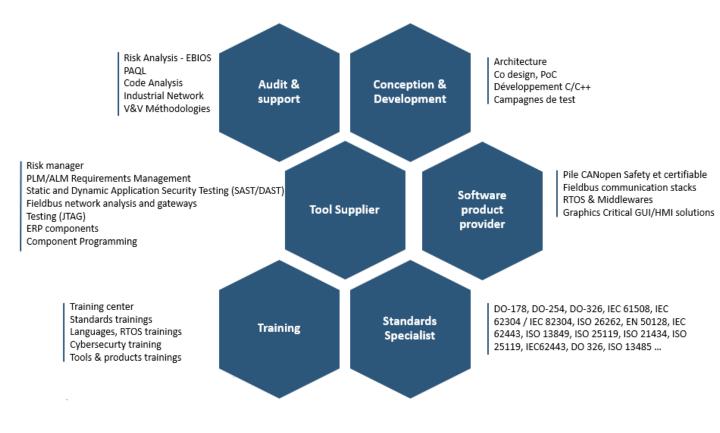
ISIT provides solutions for the development and deployment of embedded systems, specialized in the fields of safety and cybersecurity.

For more than 30 years, ISIT has been committed to its customers by offering products (hardware and software) and software tools / bricks (IP) oriented software quality, operational safety and cybersecurity, allowing to build effective answers specifically adapted to the needs of stakeholders in the field.

ISIT brings global solutions from design e to industrialisation, thanks to the supply of products and services: by offering support services, ranging from expertise on technologies and products, to the development of applications, through training, testing and validation.



## **SAFETY & SECURITY EXPERTS and TOOLS** for your DEVELOPMENTS





#### **PARTNERS:**





























































## **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

### ON DEMAND SAFETY & CYBERSECURITY



- 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** 





- 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
- Cybersécurity of embedded













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