



Training 1:

EN 50126/EN 50129/EN 50128

Program 1: Training EN 50126/50128/50129		
Duration of the program: 1 day		
EN 50126 / EN 50129 / EN 50128 presentation	THR to SIL and SSIL declination	Securing a Hardware Architecture
Demonstration of the safety of an equipment	Reminder on safety analysis (APR, FMEA, failure tree analysis)	Structure of the safety file
Generic Product	Generic application	Specific application
EVALUATION / CERTIFICATION	Cross-acceptance	Expectation of the authorities
Course Objectives	Acquired knowledge	The delivery
The objective of this training is to present the EN 50129 standard and its implementation.	Will be able to understand the impacts of the implementation of the standard EN 50129.	<ul style="list-style-type: none"> · Course material (English, Portuguese) · Courses are taught in French, English, Portuguese or Italian (on request)



	Will be able to master the notions of THR, SIL and SSIL. Will be able to understand the impacts on the implementation of a safety case.	
Prerequisite	Relevant public	Related training
Knowledge of EN 50126 standard	<p>Everyone involved in the realization of a system with a SIL objective (design, V & V, quality and SdF)</p> <ul style="list-style-type: none"> • Software engineers; • Safety engineers; • Systems engineers; • Quality engineers. 	<ul style="list-style-type: none"> • EN 50126 • EN 50129