



Training 3:

**EN 50129**

<b>Program 3: Training EN 50129</b>		
<b>Duration of the program: 1 day</b>		
Presentation of the standard EN 50129	Reminder on safety analysis (APR, FMEA, failure tree analysis)	Specific application
Declination of THR to SIL and SSIL	Structure of the safety file	ASSESSMENT
Securing a Hardware Architecture	Generic Product	CERTIFICATION
Demonstration of Equipment Safety	Generic application	Cross-acceptance
Expectation of the authorities		
<b>Course Objectives</b>	<b>Acquired knowledge</b>	<b>The delivery</b>



<p>The objective of this training is to present the EN 50129 standard and its implementation.</p> <ul style="list-style-type: none"> <li>• Safety engineers;</li> <li>• Systems engineers;</li> <li>• Quality engineers.</li> </ul>	<ul style="list-style-type: none"> <li>• Will be able to understand the impacts of the implementation of the standard EN 50129</li> <li>• Will be able to master the notions of THR, SIL and SSIL.</li> <li>• Will be able to understand the impacts on the implementation of a safety case.</li> </ul>	<ul style="list-style-type: none"> <li>• Course Support (English or french)</li> <li>• Course is taught in French (English on request)</li> </ul>
<p><b>Prerequisite</b></p>	<p><b>Relevant public</b></p>	<p><b>Related training</b></p>
<ul style="list-style-type: none"> <li>· Knowledge of EN 50126</li> </ul>	<p>Everyone involved in the realization of a system with a SIL objective (design, V &amp; V, quality and SdF)</p> <ul style="list-style-type: none"> <li>• Software engineers;</li> </ul>	<ul style="list-style-type: none"> <li>• EN 50126</li> <li>• EN 50128</li> </ul>