



Training 4:

**EN 50128 :2001**

<b>Program 4: Training EN 50128</b>		
<b>Duration of the program: 1 day</b>		
Presentation of the CENELEC standards (EN 50126, EN50128 and EN 50129)	Quality control	Expectations and difficulties
tPresentation of the differences between the version 2001 and 2011	ISO 9001 :2008	Role management
Presentation the implementation of the EN 50128 standard.	Organization	Managing a SSIL0 application
	Gestion des compétences	From SSIL1-2 to SSIL3-4 level
<b>Course Objectives</b>	<b>Acquired knowledge</b>	<b>The delivery</b>
The objective of this training is to present the EN 50128 standard and its implementation.	<ul style="list-style-type: none"> <li>• Mastery of the realization of a certifiable application</li> </ul>	<ul style="list-style-type: none"> <li>• Course Support (English)</li> <li>• Course is taught in French (English on request)</li> <li>• This training may be specialized to deal only with SSIL2 or SSIL3-4</li> </ul>



	<ul style="list-style-type: none"> <li>• Mastering the impact on the realization of a software-based system</li> <li>• Mastery of the implementation of an SSIL process</li> <li>• Knowing the differences SSIL2 and SSIL3 / SSIL4</li> </ul>	
<b>Prerequisite</b>	<b>Relevant public</b>	<b>Related training</b>
<ul style="list-style-type: none"> <li>• Knowledge of programming</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> <li>• Safety Engineers</li> <li>• Systems engineers,</li> <li>• Quality service engineers.</li> </ul>	<ul style="list-style-type: none"> <li>• EN 50126</li> <li>• EN 50129</li> </ul>
<b>Documentary aspects and impacts on the V cycle Data preparation</b>	<b>Generic application</b>	



<ul style="list-style-type: none"><li>• Planning</li><li>• Specification</li><li>• Architecture</li><li>• Data Design</li><li>• Integration tests</li><li>• Verification</li><li>• Process documentation</li></ul>	<ul style="list-style-type: none"><li>• Requirements,<ul style="list-style-type: none"><li>• Specification, architecture, design,<ul style="list-style-type: none"><li>• Structured, semi-formal, formal</li></ul></li></ul></li><li>• Coding: choice of language, choice of rules, ...</li><li>• Verification: modeling, proofreading, analysis, ...</li></ul>	
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