

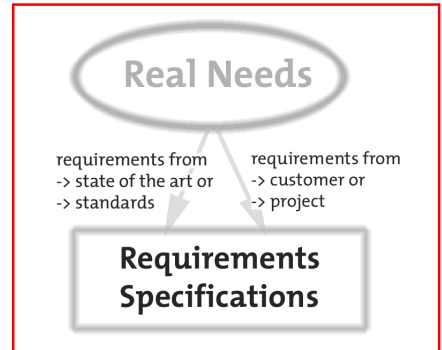
RiskCAT and IEC 61508

The requirements determine the measures

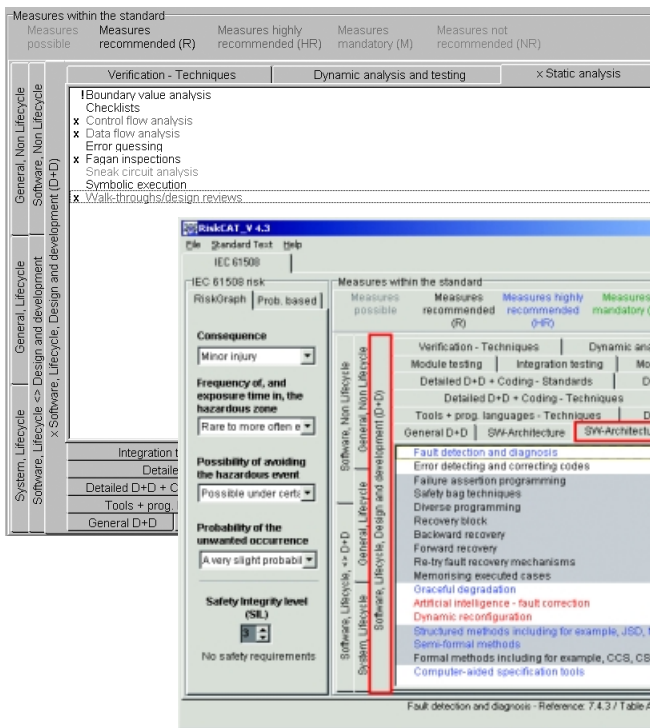
RiskCAT supports the IEC 61508 standard. This standard covers a wide range of measures that can be applied in the development of safety-critical systems. The degree of obligation of each measure varies with the Safety Critical Level (SIL) the system is supposed to achieve. The SIL to be achieved depends on the risk the system bears, i.e. the probability and the

consequences of a system failure. RiskCAT incorporates the standard's text (61508-1 ... -3) in French and English.

More information about RiskCAT: www.hitex.de/perm/riskcat.html including a white paper and evaluation software.



Where do all the requirements come from?



Measures selected (x) and measures with attached note(!)

The measures of the main class "Software, Lifecycle, Design and Development" (vertical) and the sub class "SW-Architectures-Technique" (horizontal)

Using RiskCAT will make your life easy when you need to cope with IEC 61508!

Features

- Assists you in determining the risk of the system according to IEC 61508
- Automatically derives the Safety Integrity Level (SIL) of the system according to IEC 61508
- Indicates the degree of obligation (recommended, mandatory, ...) for each measure
- Enables the user to select the measures that shall be applied
- Documents all decisions for review
- Generates checklists for the selected measures
- RiskCAT is also available for **DIN EN 50126** and **DIN EN 50128** (RiskCAT Railway, only in German)
- Store/Reload enables you to start work with user-defined preselections of measures (e. g. company-wide guidelines)

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