

## About this CD

The contents of this CD show the work of the 61508 Association. To ensure that you have the latest versions of any documents on this CD go to the website [www.61508.org](http://www.61508.org) where you can find the documents and where they are freely downloadable.

The above is particularly true of the Functional Safety Management declaration where the versions on this CD are a pre-release. The Help pages and other documentation will be regularly updated. Everyone is welcome to give feedback on the Help pages for the Functional Safety Management declaration so that the Help pages can be constantly improved. To give feedback email The 61508 Association on [jtodd@61508.org](mailto:jtodd@61508.org) or email [enquiries@cass.uk.net](mailto:enquiries@cass.uk.net).

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### 1. On the disc

*Proven in use:* This statement on proven in use is intended to helpfully guide those who are considering using the "Proven in use" approach under the standard.

*T6A and TCSL Cross reference IEC61508 and IEC61511:* Using the CASS methodology provides the tools to document the evidence for Functional Safety Management for both IEC61508 and IEC61511. This cross-reference provides the reader with the tool by which a statement made using the CASS Functional Safety Management Declaration against IEC61508 can be used against the appropriate clause under IEC61511 (process industry sector standard). The association will soon be releasing the same for IEC62061 (guidance for machinery).

*The 61508 Association:* A brief description of the association and its work. This document should be read together with "What does the Association expect of its members" document on this CD.

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### 2. In folders on the disc

*Contract Interfaces:* The Association has developed a draft guide for assisting understand "Who does what" in a multi-party contract that includes safety systems. This document is DRAFT issue and the document will be

updated on the Association's website [www.61508.org](http://www.61508.org)

*Functional Safety Management Declaration:* IEC61508 makes it a requirement that you demonstrate Functional Safety Management "FSM" (all sector guidance have the same requirement). The form for documenting and declaring your FSM to others is FREE and is included on this CD as well as pre-release issues of the Help pages. Up to date copies can be found on the 61508 Association's website [www.61508.org](http://www.61508.org)

*Legacy Systems:* Legacy systems are existing safety systems that pre-date the IEC61508 group of standards. For older shutdown systems and safety systems the question arises concerning how to manage them and how to decide what needs to be changed. This section guides you through the handling of legacy systems.

*Safety Capability of Elements:* Under the second edition of IEC61508 the concept of an element in a safety loop has been more clearly identified and the terminology better defined. The 61508 Association is working on guidance for data on elements in a safety loop. The Element Capability data sheet is included on this CD and further guidance will become available on the website [www.61508.org](http://www.61508.org)

*Software in safety systems:* The National Physics Laboratory and The 61508 Association worked together to produce guidance on how to assess software. The first issue of the guidance is on this CD.

*Toolbox talks:* The Toolbox talks are a series of very short simple documents designed to take the average reader less than 5 minutes to read. They don't tell you everything about the standard but if you could tell each member of your team 10 things about safety systems then these documents give you 10 useful things to know. There are separate toolbox talks for each member of your team. They will help everyone be "singing from the same hymn sheet".

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