



## SIL Verification

aeShield includes a robust SIL Calculation Engine with SRS Datasheets ensuring IEC 61511 Compliance. This solution provides central storage of all protection layer data across an enterprise. Quickly identify if achieved results meet the required risk reduction.

Compliance Made Simple



### Quick Start Library

Includes Failure Rates, 8 SIF Templates, 5 IPL Templates, and 1 Unit Operation Template



### Copy and Clone

Rapidly create SIL Calcs and SRS Datasheets from templates or existing SIFs/IPLS



### Data Management

Bulk insert data from third party sources using aeShield bulk editors

## Powerful SIF Design

aeShield includes a web-based interface for SIF Design.

- ▶ Revision control allows users to track data that has been edited, checked, approved and issued.
- ▶ Supports three levels of voting for complex SIFs
- ▶ Reuse or clone any level of the SIF Architecture
- ▶ Graphical block diagram provides a detailed view of the SIF
- ▶ Simultaneous users all working at once

## Advanced Reporting

aeShield® has advanced for reporting to support project work and issue key deliverables

- ▶ Autogenerated SIF List
- ▶ SIL Verification Report
- ▶ SIL Calc Status report provides pass/fail criteria based on target and achieved
- ▶ Four SRS Datasheet formats to pick from
- ▶ SRS Datasheet Bulk Editors are available for checking and mass editing data
- ▶ Bulk generate SIL Verification and SRS Datasheets