

Functional Safety in Capital Projects

aeShield Digitally Transforms how Functional Safety is executed in projects. This revolutionary approach results in cost reduction, schedule improvements, and improved quality / consistency of SIS / IPL designs.

Compliance Made Simple



Functional Safety Compliance

Provides central storage of all protection layer standards across an enterprise



Expert System for SIS

Drive quality / consistency in Functional Safety engineering



Bulk Data Management

Bulk load data as your project design evolves

Digital Transformation of SIS

- ▶ Digitally transform how your organization executes functional safety within capital projects
- ▶ Leverage our **Expert System** to allow your SMEs to rapidly create SIL Calcs and SRS from templates or existing SIFs / IPLs
- ▶ Allowing your more junior staff to instantiate SIFs / IPLs from templates and bulk load project design data as your design evolves
- ▶ Conduct real-time Functional Safety Audits / Assessments

End User Benefits

- ▶ **Improve schedule** / reduce costs while driving consistency on SIF/IPL designs
- ▶ **Never pay to type data twice** with our bulk data management capabilities
- ▶ Revision Control Workflow to manage all data in the platform
- ▶ **Simultaneous users** all working at once supporting true global project execution
- ▶ IEC 61511 Compliance Made Simple
- ▶ **Most complete Functional Safety Management** offering in a single platform
- ▶ Short duration-based licensing available for capital projects