



ONLINE Self-Paced Training



Join Now

Learn aeShield at your own pace and master how to deliver high-quality functional safety reports faster

This structured course provides step-by-step video content to master aeShield. Perfect for new users or experienced professionals needing to learn new features. Progressively build expertise through comprehensive modules.

Course Overview

01

Getting Started with aeShield

Introduction to the aeShield interface, location tree, user setup, and permissions. Set up your first project, enter drawings, and output reports efficiently.

02

Using the SIF Editor

Explore the Safety Instrumented Function editor, which creates SIL calculations and forms the backbone of safety requirements. Learn multiple methods for generating SIFs to improve efficiency and reduce project engineering costs.

03

Developing the Detailed SRS

Edit Safety Requirement Specification datasheets after SIFs are pre-loaded. Learn about datasheet options, bulk editing data, and producing SRS reports.

04

Generating Cause and Effects (C&E)

Manage SIF, other Independent Protection Layers, trips, alarms, and non-safety C&E within aeShield to generate comprehensive C&E for entire unit operations.

05

Test Plans / Proof Test Procedures

Generate functional test plans for instrument testing. Learn to build test plans using templates and embed key instrument data from the aeShield database.

aeShield Learning Experience



Searchable, Video-Based Learning

Step-by-step video tutorials guide you through each module, ensuring thorough understanding.



Self-Paced Format

Learn on your schedule with flexible access to all course materials. Revisit content any time, as needed.



Practical Application

Hands-on exercises and real-world scenarios help you to learn how to accurately produce FS deliverables at speed.

Who Should Join

- New aeShield users
- Experienced users looking to master advanced aeShield features
- Consultants managing SRS and SIL Calcs for others
- Project teams implementing SIL-related projects or upgrades

Key Benefits

- Learn at your own pace, and use the searchable video transcript to find exactly what you need to know next
- Master editing data in bulk to reduce engineering time and cost
- Build high quality interconnected SRS, SIF, IPLs, C&E and test plans

 **Ready to get started?** This training equips you with skills to leverage aeShield's full potential. Transform your safety engineering workflow today.



FUNCTIONAL SAFETY

Community, Courses and Coaching

Join Now

Connect with aeShield experts, mentors and other users within our functional safety INSIDER online community.