

# Proof Testing

We **Digitally Transform** how proof testing is executed including initial test plan creation in a capital project as well as optimization of your Mechanical Integrity program that conducts, tracks and ultimately improves Functional Safety performance across your organization.



Compliance Made Simple



## Templates and Libraries

**Rapidly create** Test Plans from templates



## Reduce Lifecycle Costs

Optimize LOPA Critical IPL Mechanical Integrity costs through **reduced testing**



## Improve Functional Safety Performance

Real-time insight into **Barrier Health**

## Expert System for Test Plans

- ▶ **Save manhours** and reduce test plan creation costs while driving consistency in testing and subsequent data collection
- ▶ **Expert System** enables creation of Test Procedures that automatically revise tasks / steps based upon voting architecture(s) contained within the SIF
- ▶ Automatically generates 3 different types of SIF / IPL test plans:
  - Individual instruments testing
  - Instruments with voting testing
  - Sensor to Final Element testing
- Ability to create unit operation test plans

## Test Results Status & Tracking

- ▶ **Digitally transform** how your organization manages proof testing within an operating facility
- ▶ On-Demand SIL Calculation engine supports **rapid testing deferral impact analysis**
- ▶ Ability to leverage Demands as Proof Test
- ▶ Ability to import / export Testing Data via API to 3<sup>rd</sup> party applications (e.g, SAP, Maximo, PowerBI, etc.)
- ▶ Supports Prior Use Failure Rate data collection with bulk update impact analysis and revision control