

## IMS SIS

**The solution for your end-to-end SIS Life Cycle that supports compliance to IEC 61508/61511.**

IMS SIS offers maximum flexibility for users, as the HAZOP, LOPA, and SIF design flow flawlessly into the downstream module. Therefore, any project using IMS SIS for its safety studies will benefit from saving precious time.

The Proof Test Scheduling module offers end-users the option of a direct link to their Maintenance Management System ensuring continuous synchronization of Proof Test Scheduling data. To close the SIS Life Cycle loop, proof test results can be recorded in the Condition History module for later use in failure rate data studies.



### With IMS SIS you can...

- Carry out HAZOP and LOPA studies and/or import your old HAZOP and LOPA studies to use for future SIF design.
- Efficiently assess and control hazard risks using bowtie visualization.
- Design your SIFs and perform SIF design verification calculations to determine the minimum required testing intervals on the equipment tag level.
- Export minimum required testing intervals resulting from the SIF design verification calculations to your CMMS.
- Create your own custom reports.
- Create SIF Equipment Testing Procedures and feed back Testing Results into the Condition History Module.
- Create your own user-specific dashboards.

### The Benefits

- Reduced project execution time for safety studies by integrating HAZOP, LOPA, and SIF design verification modules.
- Single point of entry for different disciplines.
- Users can be set up with tailor-made roles and access levels to IMS-SIS to suit their capabilities.
- Complete Revision Management across all IMS-SIS modules to support (production site) Projects and company Management of Change processes.
- Access to an exclusive failure rate database and an extensive library for Initiating Events and Barriers, based on years of industry experience.



Cenosco provides all the appropriate training and consultancy.

Get in touch to request a full demo of IMS SIS

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## FACTSHEET

# IMS SIS: Safety Instrumented Systems

### Areas of application

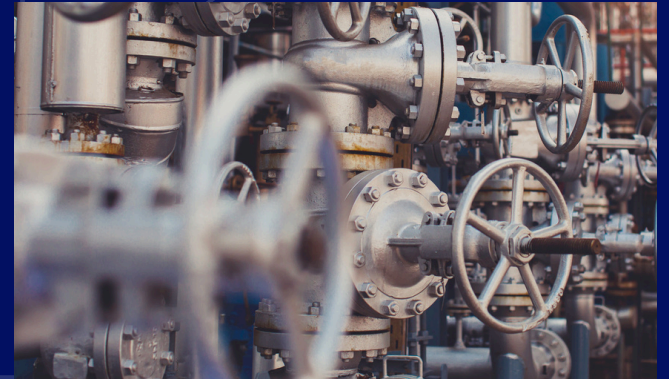
Refineries • Terminals • Tank farms • Chemical plants • Process facilities • Pulp mills • Pipelines • Wells

### Types of Equipment

Safety Instrumented Systems

### Compliance and Certification

Auditable Events • Supports IEC 61508/ IEC 61511  
ISO 9001 • Microsoft Gold Partner • SAP Compatible



### Tools and Submodules

HAZOP • LOPA • Bowtie • Master Tags • SIL • Test Interval Optimization • Scheduling • Risk Reduction Factor • Failure Rate Database • Failure Rate Calculator • Test Protocols (ECH) • SRS Reporting

### Interfaces

Interface to any CMMS system (e.g. SAP, JDE, Maximo) for Hierarchy, Test Intervals, and Test Results

### Training

3 Days Tool Training  
Coming Soon: E-Learning on Cenosco Academy

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