

CENOSCO

Our **Solutions**

Unifiying Integrity Management Solutions.

Explore a wide range of products to cover all your equipment types and processes.



IMS PEI

Pressure **Equipment Integrity**



IMS RCM

Reliability Centered Maintenance



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IMS FCM

Flange Connection Management



IMS SIS

Safety Instrumented Systems



IMS Civil

Integrity Management for Civil Equipment



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IMS TAT

IMS PLSS

Systems

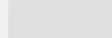
Pipeline & Subsea

Turnaround Technologist



IMS FMA

Fabric Maintenance



Hydrocor*

Internal Corrosion Prediction

(* Standalone Software)













Outstanding user experience (based on user feedback)

partnership

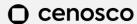


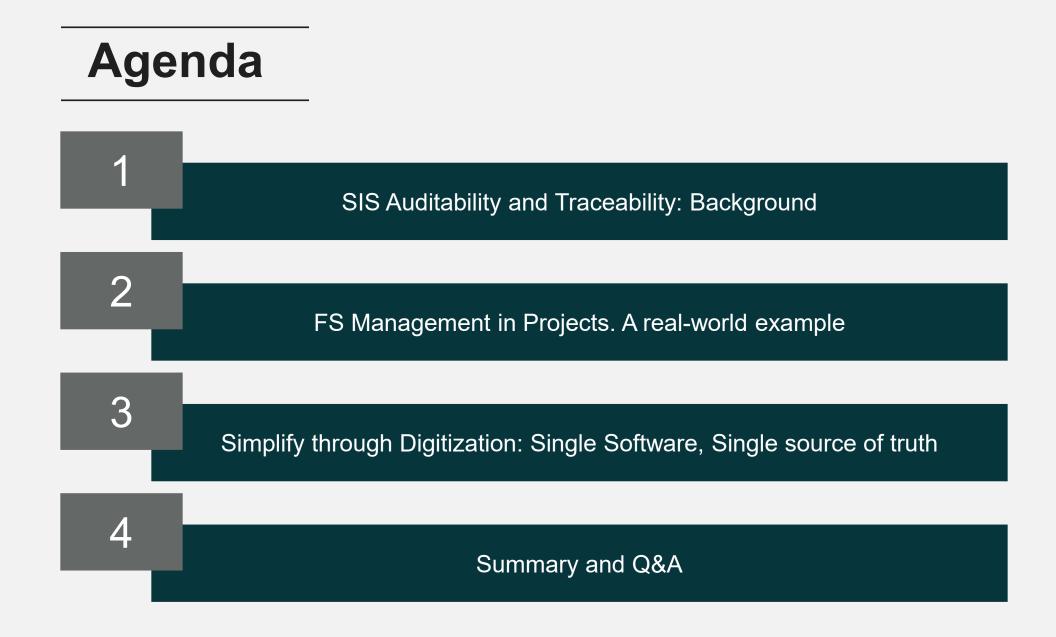
Interfaces with CMMS, ERPs, etc. **Short Time to** Value

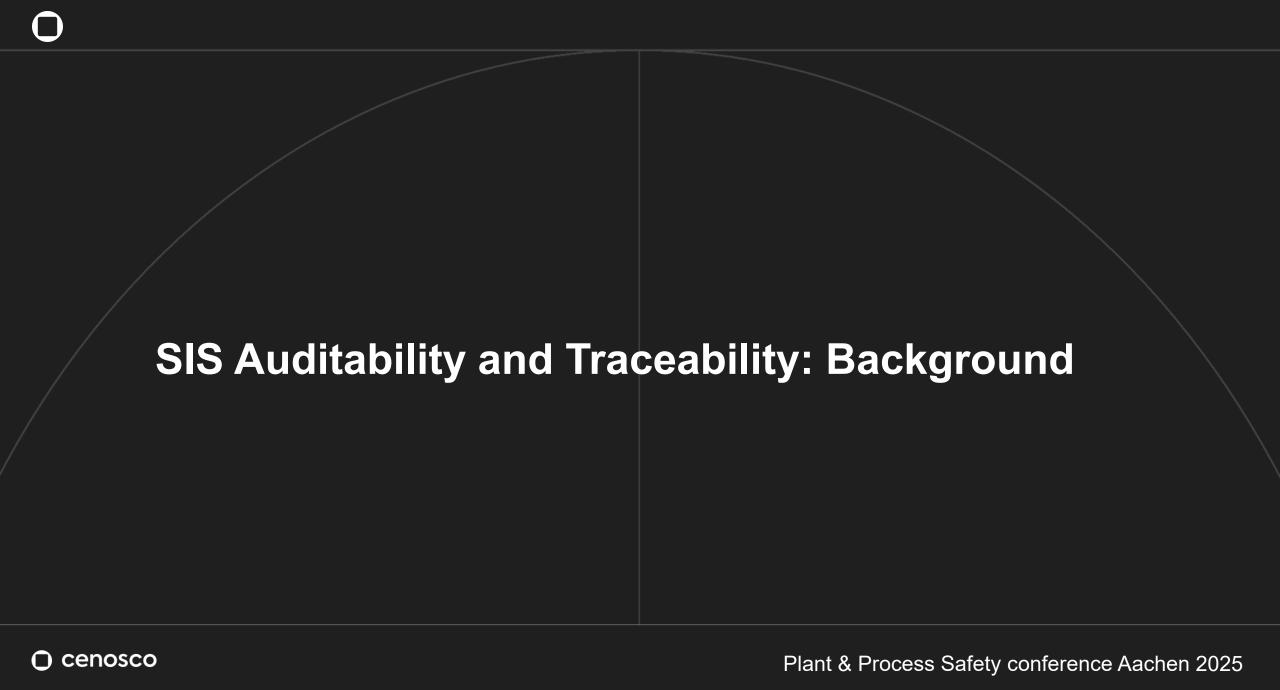
Extensive Libraries

Works on all Mobile Devices

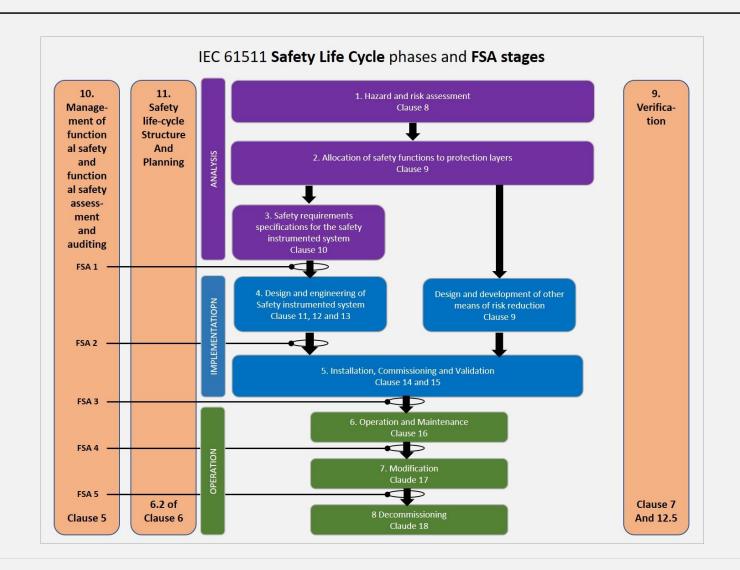
Proprietary Methodologies





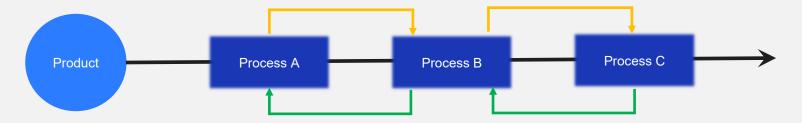


SIS Auditability and Traceability: The SIS Lifecycle



What are Auditability and Traceability?

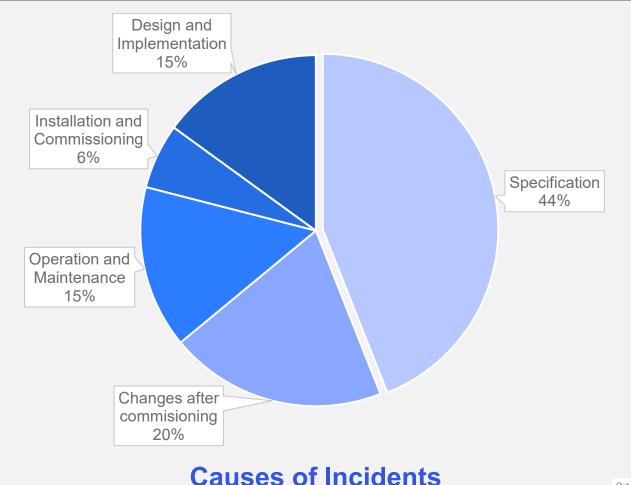
• Traceability is the ability to trace every stage of a product's journey, from its inception to design, creation, testing, implementation, and upkeep, all the way back to the original safety requirements



 Auditability is a requirement that refers to the ability of a system to provide a complete and accurate record of all activities and transactions that occur within it.



Why are Auditability and Traceability Important in Projects?

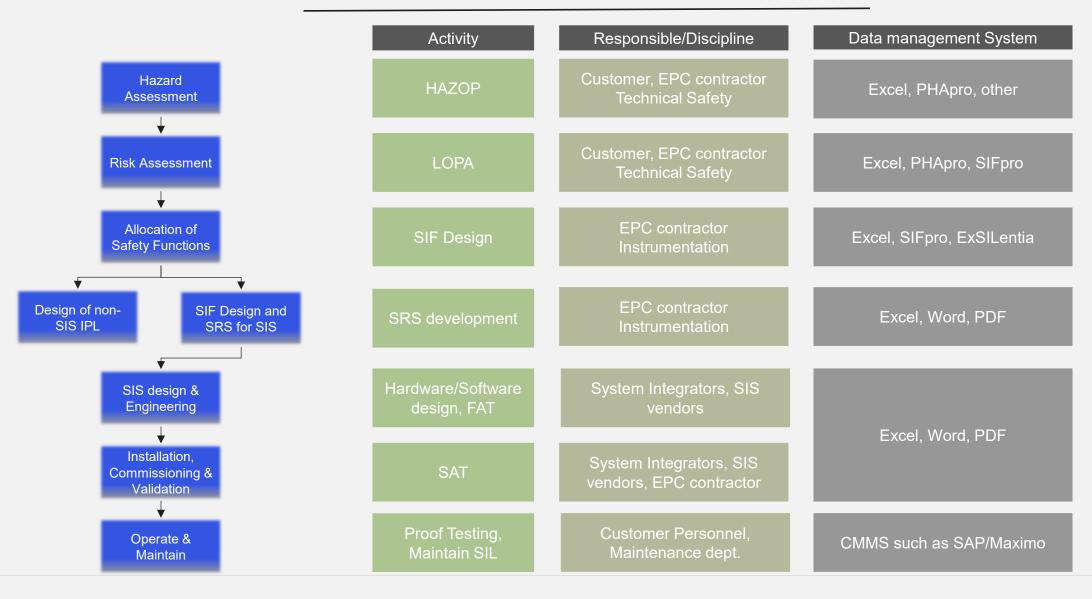


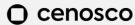


Out of control: Why control systems go wrong and how to prevent failure? (2nd edition, source: © Health & Safety Executive HSE - UK)

FS Management in Projects. A real-world example

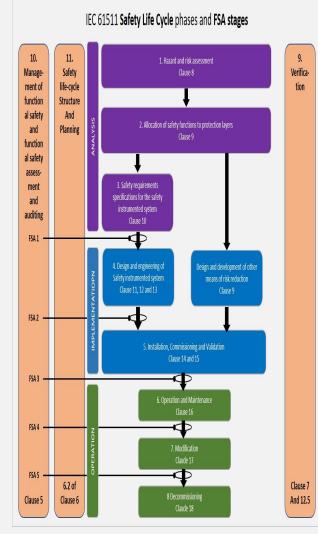
Project FS Management System



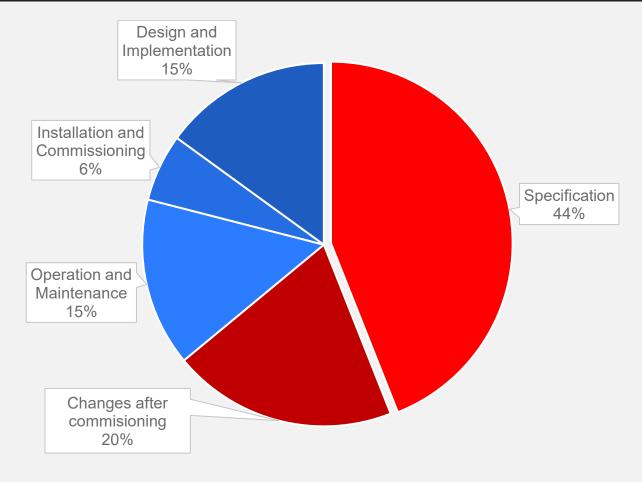


Complexity leading to Oversights and omissions





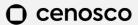
Why are Auditability and Traceability Important in Projects?





Causes of Incidents

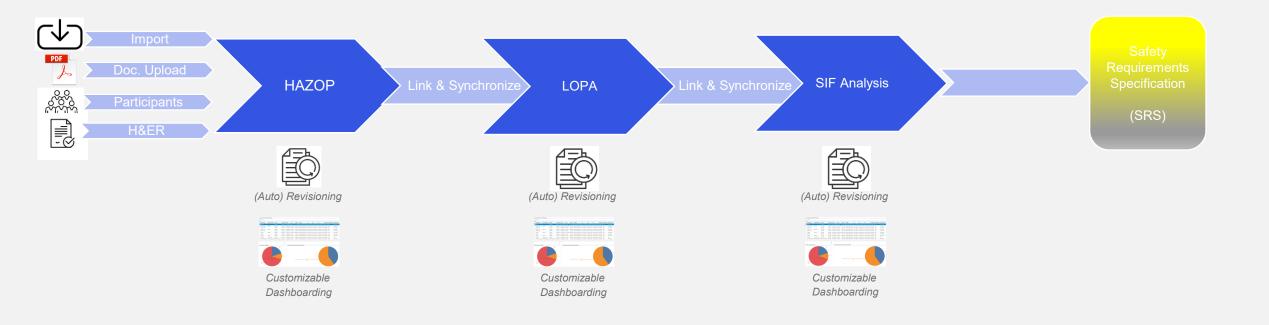
Out of control: Why control systems go wrong and how to prevent failure? (2nd edition, source: @ Health & Safety Executive HSE - UK)







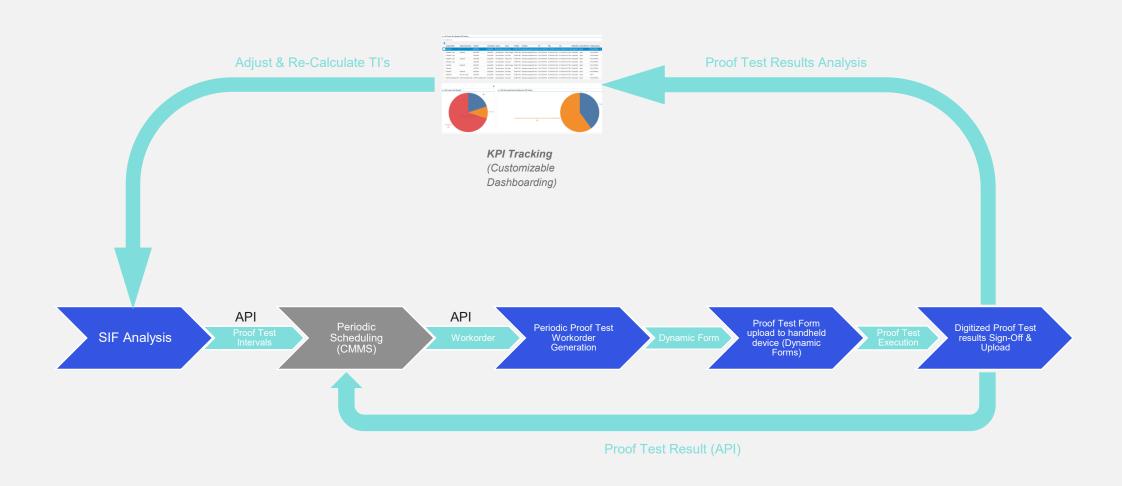
Digitize FS Design phases with Smart Software

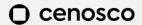


- Single Point of Entry for all Discipline Engineers involved in the FS Lifecycle
- Single Source of Truth for all FS Documents of the FS Lifecycle

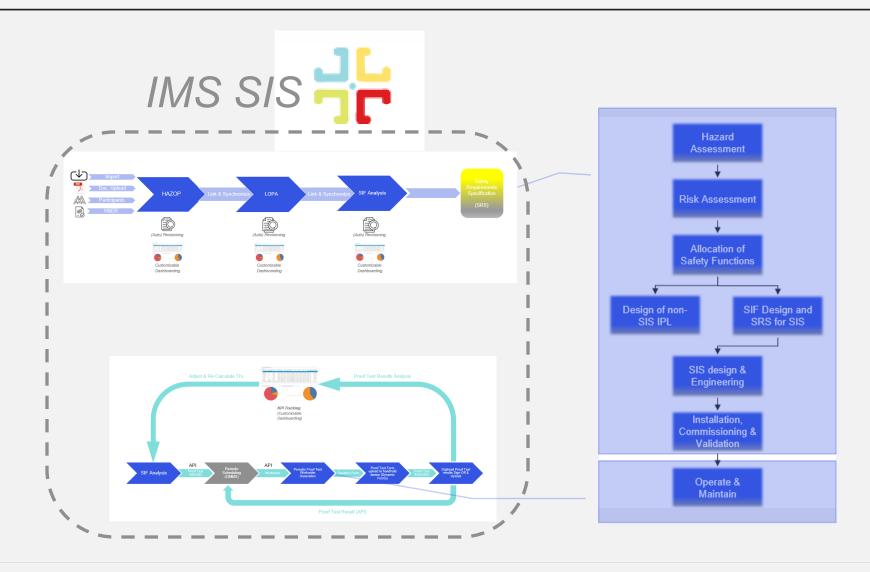


Digitize FS Operate & Maintain phase with Smart Software





IMS SIS: Design, Maintain & Operate your FS Lifecycle



Summary

Auditability and Traceability in Design are crucial to setting the right SIS integrity requirements

Setting up proper Functional Safety Management on projects and plants is complex

Use smart software that helps engineers maintain situational awareness of their SIS

Use the same software tool during Design and Operate phase to smoothen the transition



Areas of application



Oil & Gas: Upstream Operations

- Onshore & offshore production facilities
- Flowlines & manifolds
- Floating installations (FPSO, FLNG & FSRU)
- · Early production & test facilities



Midstream & Storage

- Marine & land-based terminals
- Pumping stations
- Gas dehydration & compression units
- Tank farms (crude, refined, chemicals)
- Collection hubs



Petrochemicals & Chemicals

- (Petro)chemical units
- · Chlor-alkali plants
- · Acid production (sulfuric, phosphoric)
- · Specialty & performance chemicals
- Integrated chemical complexes
- Fertilizers



Downstream & Processing

- Refineries
- · LNG liquefaction & regasification
- GTL (Gas-to-Liquids) plants
- · Fertilizer & methanol plants
- Hydrogen, industrial gases



Asset-Heavy Industries

- CCS (Carbon Capture & Storage)
- Blue/green hydrogen plants
- Biofuels/renewable Diesel Facilities
- Mining & mineral processing
- · Pulp & paper (Pressure Systems)

Types of Equipment

Safety Instrumented Systems:

- Sensors
- · Logic Solvers
- Final Elements

Interfaces

maximo



















Integrity Management Toolkit

Process Safety & Risk Management

HAZOP • Bowtie viewer • LOPA (SIL Determination) • SIF Analysis

Full SIS Lifecycle

Master Equipment (Failure Rate Database) • Test Interval Optimization Scheduling • Observed Failure Rate Calculator • Flexible RAM

Testing & Operational Tools

Proof Test Procedures in Dynamic Forms • Import & Export Capabilities

Visualization, Reporting & User Management

Standard/Customizable Dashboards • Standardized/Customizable Reports and Queries • Extensive User Management Capabilities



Compliance

IMS is supporting:

- Auditable Events (Revision Management)
- ISO 9001
- Microsoft Gold Partner
- IEC612511, EEMUA 159
- IEC 61508, IEC 61551

Market Recognition

verdantix

Recognized in the Smart Innovators 2025 report for market-leading functionality in Inspection Management, Integrity Operating Windows & Process Safety.

Cenosco Academy

- · 3-days Tool Training
- · HAZOP; LOPA; SIF Analysis; Complete

Contact Us

Learn more



Thank you for your engagement!

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