

Purpose-Built Audit Software

[Kenexis® Open-Audit™](#) is purpose-built audit software for process safety, — one tool for IEC 61511 functional safety assessments, OSHA 1910.119 PSM compliance audits, cyber security audits, and management-system audits. Instead of a protocol in Word, findings in Excel, and a report assembled by hand, Kenexis® Open-Audit™ holds the protocol, questions, weights, scores, findings, and recommendations as structured data — so an audit can be reopened, trended over time, and rolled up across every site in your portfolio.

Built-in Kenexis Integrated Safety Suite protocol library: start a new audit from curated, ready-to-use protocols — HAZOP quality audits, IEC 61511 functional safety assessments for each lifecycle stage, and PSM management-system audits — so corporate works from one authoritative protocol and every audit instantiates the same questions, weights, and assessor guidance, instead of authoring and maintaining protocols in Excel.

Choose between our **Desktop version**—available for free and compatible with Windows, Mac, and Linux for offline use—or our **Cloud version**, offering seamless online access through any browser. Both versions work together flawlessly, allowing effortless file transfers and enhanced functionality.

With our integrated data structure, users no longer need to worry about transferring or manipulating data or ensuring information consistency across various files or studies. Leveraging a standardized data structure from inception, we've eliminated common issues encountered with other software solutions. Consequently, data from multiple audits and validations can be consolidated into user-friendly databases like Power BI® and other tools, streamlining the management of duplicated data across different locations and languages.

Why Choose Kenexis® Open-Audit™?

Streamlined Data Management: Say goodbye to data manipulation headaches! Our integrated data structure ensures consistency and reliability across all audits and validations. Consolidate your data effortlessly into user-friendly platforms like Power BI® or tableau®.

Feature-Rich Desktop Version:

- Focused Categories for targeted assessments
- Assessor Worksheets for easy data integration
- Evidence Documentation with linking to Requirements
- Customizable Scoring Criteria and Weighting Factors



Powerful Cloud Features:

- **Audit Tracking** for comprehensive oversight
- **Template Libraries** to enhance consistency and efficiency
- **Global Content Translation** for effortless sharing
- **Custom Report Generation** from Microsoft Word formats
- **Comprehensive dashboards** offer visibility throughout your organization, showcasing both individual studies and multiple studies at a glance.
- **Integrated Platform** for seamless collaboration with the Kenexis Integrated Safety Suite & Process Safety Training Center

Configurable Worksheets

Familiar and easy to use Worksheets are Categorized for easy access including data control for reference documents, evidence, and recommendations.

KENEXIS INTEGRATED SAFETY SUITE									
SIS Functional Safety Assessment									
Study Data Categories Assessor Worksheet Evidence Recommendations Scoring Criteria Weighting Factors Parking Lot									
Assessor Worksheet									
1. Preliminary Engineering and Conceptual Design									
Element	Question	Assessor Guidance	Assessor Notes	Evidence	Questions		Reference Documents	Findings	Assessor Recommendation
					Scoring Criteria	Reference Document			
1.1 Hazard and Risk Analysis	1.1.1 Has a Process Hazards Analysis been completed for equipment under control of SIS?	Verify program is in place to ensure that PHA is completed for all process equipment that could contain SIS. Include a reference to the program as an item of evidence. Verify that the PHA work was completed through interview and documentation review. Include reviewed files of PHA results as evidence. Include person(s) interviewed as evidence.	A HAZOP for the entire gas plant was completed prior to the final design of the plant. This HAZOP study includes the entire scope of equipment and hazards that are contained in the SIS that is under assessment.	11 HAZOP Report - 900.000-02 Gas Plant HAZOP 5 Project team interview	Compliant	IEC 61511	8.2.1		
	1.1.2 Does the PHA identify hazards protected by SIS and the factors that contribute to the hazardous event?	Review PHA documentation and P&IDs to check that SIF are correlated between PHA documents P&IDs. Verify PHA documentation contains a description of each identified hazardous event and the factors that contribute to it (including human errors) via spot check.	The HAZOP was reviewed and it was determined that the hazards protected against by the SIS and the factors that contribute to them were identified during the PHA. The PHA report contains scenario records where SIF contained in the SIS are identified as safeguards. All factors that contribute to the hazardous event including causes, consequences, and safeguards, are defined in the PHA document for each scenario. However, in some cases, SIF were identified on P&ID that were not shown in the HAZOP report and thus were not included in the SIS design basis even though this equipment is connected to the SIS hardware, resulting in potential SIF whose risk has not been assessed.	11 HAZOP Report - 900.000-02 Gas Plant HAZOP 5 Project team interview	Partially Compliant	IEC 61511	8.2.1p1	Some potential SIF that were shown on the P&IDs were not discussed in the PHA. This may result in a gap of requirements not being assigned to functions that are deemed necessary for safety.	1 Review the piping and instrumentation diagrams to develop a complete list of SIF that are contained in the SIS and ensure SIF are discussed in the PHA regardless of whether or not assigned a SIL of 1 or greater.



Customize Ranking Criteria

Scoring or ranking criteria can easily be modified including weighting factors.

KENEXIS INTEGRATED SAFETY SUITE

← SIS Functional Safety Assessment

Study Data Categories Assessor Worksheet Evidence Recommendations **Scoring Criteria** Weighting Factors Parking Lot

Scoring Criteria

Scoring Criteria	Scoring Criteria Level	Scoring Criteria Assessor Notes
Compliant	10	All of the standards requirements have been met.
Partially Compliant	3	The preponderance of the standards requirements have been met, but some gaps exist.
Non-Compliant	0	An insufficient portion of the standards requirements have been met to consider it to be partially compliant.

Premium Features of the Cloud Version of Kenexis® Open-Audit™

KENEXIS INTEGRATED SAFETY SUITE

← SIS Functional Safety Assessment

Study Data Categories Assessor Worksheet Evidence Recommendations Scoring Criteria Weighting Factors Parking Lot

Assessor Worksheet

1. Preliminary Engineering and Conceptual Design

Element	Question	Assessor Guidance	Assessor Notes	Evidence	Questions		Reference Documents		Findings	Assessor
					Scoring Criteria	Reference Document	Clauses	Clause		
1.1 Hazard and Risk Analysis	1.1.1 Has a Process Hazards Analysis been completed for equipment under control of SIS?	Verify program is in place to ensure that PHA is completed for all process equipment that could contain SIS. Include a reference to the program as an item of evidence. Verify that the PHA work was completed through interview and documentation review. Include reviewed files of PHA results as evidence. Include person(s) interviewed as evidence.	A HAZOP for the entire gas plant was completed prior to the final design of the plant. This HAZOP study includes the entire scope of equipment and hazards that are contained in the SIS that is under assessment.	11 HAZOP Report - 900.000-02 Gas Plant HAZOP 5 Project team interview	Compliant	IEC 61511	8.2.1			

Report Generator
Spell Check
Translate Study
Revision Manager
Import As Working Revision
Library Templates

Kenexis® Open-Audit™ premium features, available through the Kenexis Integrated Safety Suite, include:

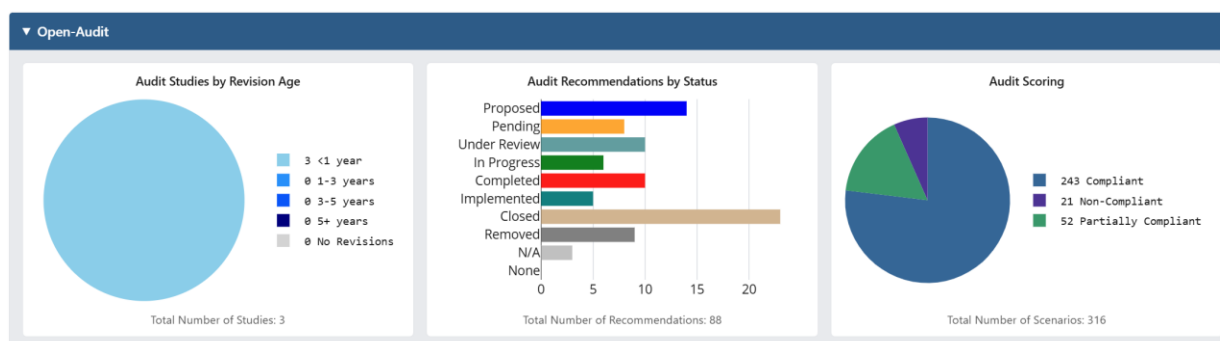
- **Audit Tracking** — Maintain comprehensive oversight of every audit from start to finish
- **Template Libraries** — Improve consistency and efficiency across studies with reusable templates
- **Global Content Translation** — Share your work effortlessly across languages and regions
- **Custom Report Generation** — Produce polished reports directly from Microsoft Word templates



- **Comprehensive Dashboards** — Gain organization-wide visibility with at-a-glance views of individual or multiple studies
- **Integrated Platform** — Collaborate seamlessly across the Kenexis Integrated Safety Suite and Process Safety Training Center

Audit Tracking Report

Audit Tracking is probably one of the most requested features. This dashboard allows you to see the status of audits across an organization, site, or process. Being able to tell the status of all your required audits in real time.



Enterprise-Grade and Secure

Kenexis® Fault Tree runs on the [Kenexis Integrated Safety Suite](#) cloud platform, built to conform with ISO/IEC 27001 and hosted on Microsoft Azure (US East primary, US West failover), with encryption in transit and at rest, role-based access controls, per-tenant data isolation, comprehensive audit logging, and tested backup and recovery. Cloud delivery also means every practitioner is on the current version — so a model built today still opens cleanly years later when it is reopened for revalidation, an FSA, or a post-incident review.

About Kenexis

Kenexis, an independent consulting engineering firm that provides technical safety services for process industries, and other industries that manage risks related to chemicals or stored energy. Kenexis is helping change the way that safety and security are incorporated into industrial business practices by providing best-in-class software tools, associated training, and comprehensive technical support.