

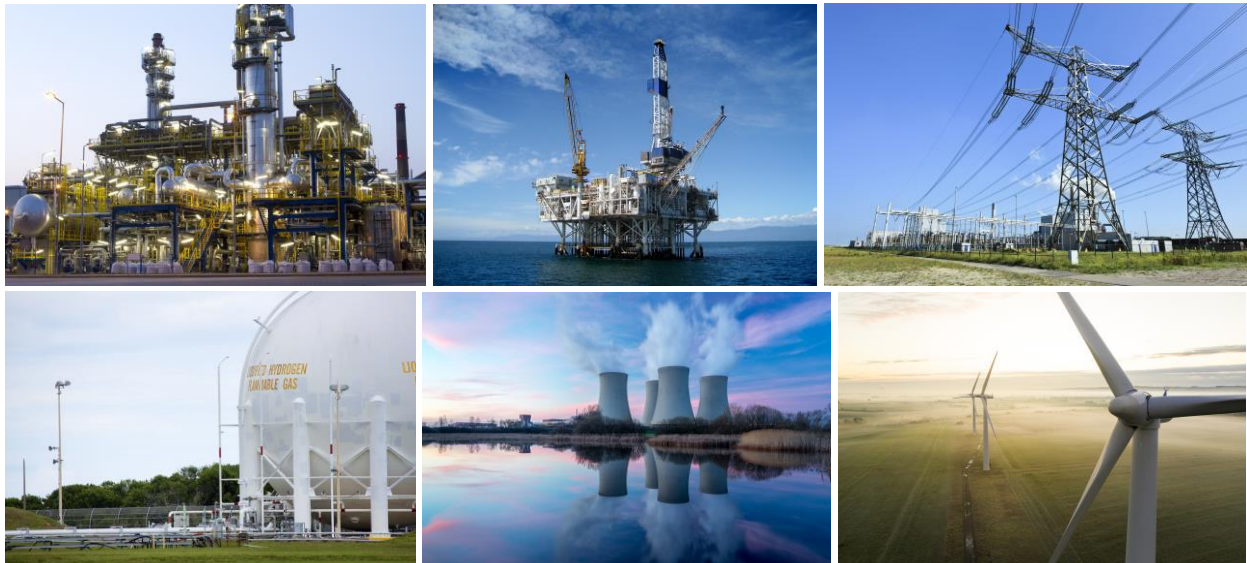


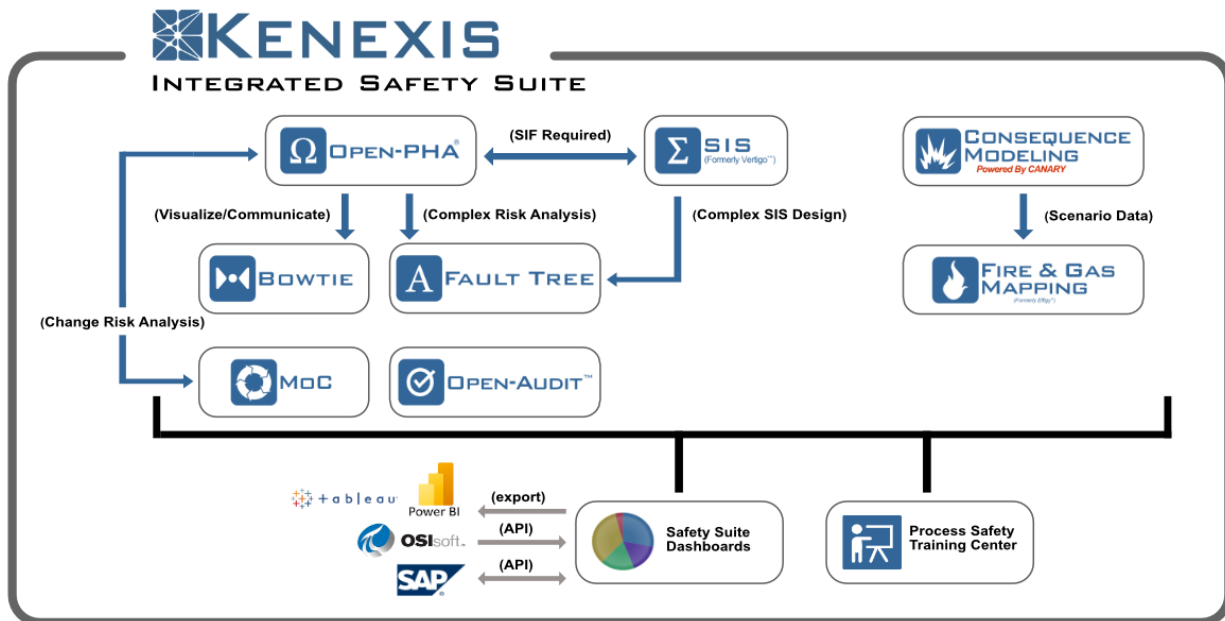
Process Safety Engineering Software

Overview

At [Kenexis®](#), we understand the importance of providing your business with dependable process safety engineering software that boasts advanced features at an affordable price. We aim to alleviate the conventional challenges associated with keeping the software up-to-date and ensuring that your organization is adequately trained in its utilization.

Our team of expert engineers at Kenexis® designed and developed the software that plays a pivotal role in our daily process safety engineering services. We proudly offer our suite of various [software applications](#), allowing customers the flexibility to choose either the complete package or individual applications tailored to their specific needs.





Kenexis® Integrated Software Suite

Kenexis® cloud-based software is housed within and can be accessed through a unified web portal known as the *Kenexis® Integrated Safety Suite*. It functions on our secure cloud servers, providing licensed users with access from any computer or tablet through most standard browsers. This distinctive architecture ensures continuous availability and ensures the software is regularly updated with the latest features, performance metrics, and resource databases.

Kenexis® Open-PHA® is crafted to document, analyze, and sustain Process Hazards Analysis studies, including HAZOP and LOPA. The distinctive database structure promotes study consistency throughout your organization and facilitates the creation of customized dashboards and reports across all sites.

Kenexis® SIS (formerly Vertigo™) SIS lifecycle management software adheres to IEC 61511 for SIS functional safety and is designed to conduct SIL Verification, create and manage Safety Requirement Specifications (SRS), and monitor SIS performance during operation. Its integrated features with Kenexis® Open-PHA® provide seamless visibility between PHA and LOPA studies, removing the necessity for additional software licenses for both SIS and PHA engineers.

Kenexis® Fault Tree fault-tree analysis software is a user-friendly tool designed for creating intricate system reliability models. It serves well as a standalone tool or can be integrated with



Kenexis® Open-PHA® and Kenexis® SIS (formerly Vertigo™) for extra software cost savings and enhanced functionality.

Kenexis® Bowtie quantitative bowtie analysis software transforms your risk assessment and management processes. Visualize and analyze the pathways to major industrial accidents like never before, gaining a comprehensive understanding of risks and safeguards.

Kenexis® Open-Audit™ validation and auditing software is specifically designed to accommodate virtually any type of audit, including OSHA 1910.119 Process Safety Management.

Kenexis® Fire & Gas Mapping (formerly Effigy®) fire and gas mapping software adheres to the ISA TR84.00.07 Guidance on the Evaluation of Fire, Combustible Gas, and Toxic Gas System Effectiveness. Effigy® performs 3D calculations of the coverage of fire and gas detectors. Kenexis® patented plume detection technology ensures superior results compared to traditional point-of-sight methods.

Kenexis® Consequence Modeling leverages an industry-leading software engine to deliver robust thermodynamic calculations and fluid release simulations, allowing you to enter and run complex cases in a matter of minutes.

Kenexis® MoC takes management of change off spreadsheets, email threads, and SharePoint and puts every change on a tracked, auditable workflow — Proposal through Closure — on the same cloud platform as your PHA and SIS data. Because it's wired directly to your hazard analysis, the question every process safety engineer eventually asks — *does this change affect the PHA, do we need to revalidate, does a SIL calculation change* — is answerable inside a single platform.

Kenexis® API empowers users to automate their process safety workflows by programmatically accessing and manipulating data within our software. This means you can use the API to automatically pull study results into a corporate dashboard, push up-to-date equipment data from an external asset management system into your PHA or SIL verification studies, or generate custom reports outside of the native application.

Key features that set our software apart from competitors include:

- Complete process safety solution on a single platform
- Software applications available individually or in any combination
- Built in dashboards or data can be exported to external tools such as Power BI®, Tableau®, and SAP®



- A broad range of features aligned with industry norms, enhanced by cutting-edge advancements not available elsewhere
- Integrated software training modules included
- Regular addition of new features, ensuring continuous benefits for all customers without the inconvenience of disruptive software upgrades.
- Reduce costs through our innovative shareable licensing model
- Fewer software vendors required
- Application linkages streamline data transfer, minimize errors, and enhance team communication
- Free desktop versions of Kenexis® Open-PHA® and Kenexis® Open-Audit™ for offline work or small teams
- Complimentary limited-time trial licenses for our cloud-based applications.
- Compatibility with most operating systems including Mac, Linux, and Windows.
- Single Sign-on support for added security and enterprise efficiency.
- Data migration tools and services are available for enhanced user experience.
- ISO 9001 Quality Management System accreditation, underlining our commitment to quality assurance.

Embedded in the *Kenexis® Integrated Safety Suite* is our [Process Safety Training Center](#), featuring a range of complimentary training courses for software usage, all included with your software license. This integration simplifies the learning process, enabling users to efficiently acquire knowledge in a centralized location.

Unsurpassed Features and Value

[Kenexis®](#) process safety software, created by our expert engineers for their daily engineering service duties, is also accessible to customers with the requisite expertise for independent use. It is intentionally designed to be flexible, user-friendly, and compliant with rigorous industry standards. Kenexis® has the necessary tools and services to facilitate a seamless transition from other software options to make getting started as easy as possible. With regularly updated features, integrated training, unique database design, and distinctive licensing model, our software represents the optimal value for your organization's valuable resources.

Please visit www.kenexis.com or contact us at info@kenexis.com for more information.

