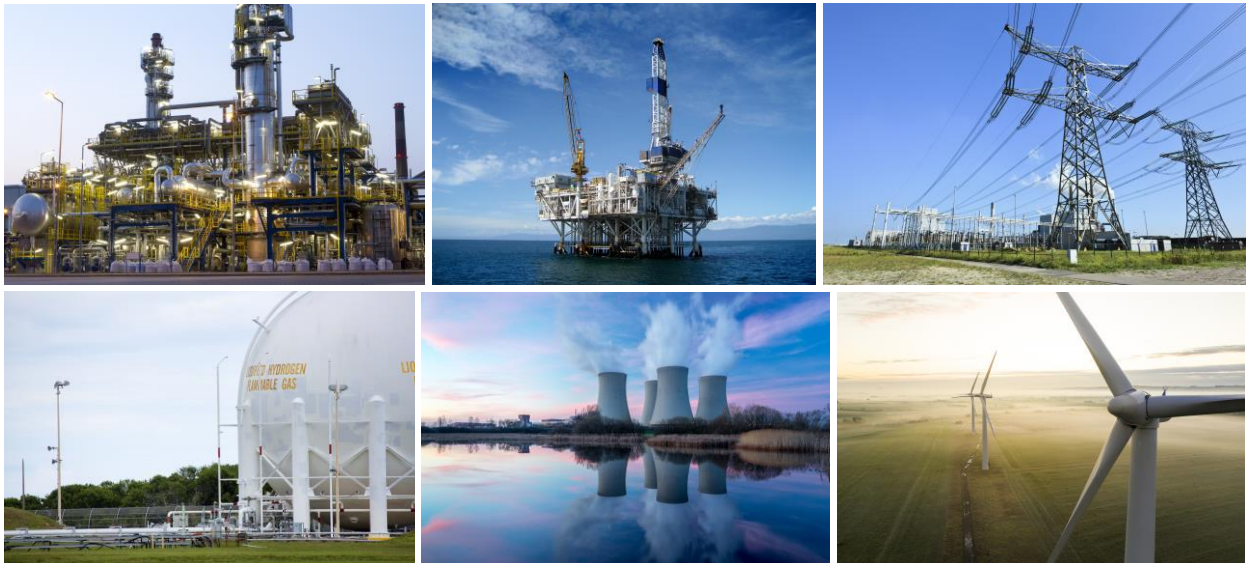# Process Safety Engineering Software

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.

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.

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.

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 Open-PHA® provide seamless visibility between PHA and LOPA studies, removing the necessity for additional software licenses for both SIS and PHA engineers.

Arbor™ 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 Open-PHA® and Vertigo™ for extra software cost savings and enhanced functionality.

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

Distinguishing features of our software in comparison to competitors include:
- Availability of free desktop versions for select applications, facilitating work in remote locations or as a stand-alone solution. Data can later be seamlessly imported into the licensed, cloud-based version to leverage premium features if desired.
- 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 available for enhanced user experience.
- A broad range of features aligned with industry norms, enhanced by cutting-edge advancements not available elsewhere.
- Internal development and support by our dedicated team.
- Regular addition of new features, ensuring continuous benefits for all customers without the inconvenience of disruptive software upgrades.
- One location to access all cloud-based applications.
- Integrated training in the navigation and use of our software.
- ISO 9001 Quality Management System accreditation, underlining our commitment to quality assurance.
- Our distinctive and cost-effective software licensing model often allows for fewer licenses at an incredible value! In some cases, less than the annual maintenance fees alone of some applications.

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*, commonly abbreviated as *KISS*. 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.

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.

KENEXIS TRAINING

PROCESS SAFETY TRAINING CENTER
Online Process Safety Training Library

The Kenexis Process Safety Training Center is an ever growing library of online training for all things process safety.

Browse courses on a variety of topics from highly qualified experts, published authors and process safety professionals.

Course topics include:

- Process Safety Engineering
  - Process Hazards Analysis (PHA)
  - Layer of Protection Analysis (LOPA)
  - Safety Instrumented System Design
  - Fire & Gas System Design
- Use of Kenexis Software on the KISS Platform
  - Arbor - Fault Tree Analysis
  - Effigy - Fire and Gas Mapping
  - Open PHA - PHA/LOPA
  - Vertigo - SIS Lifecycle Management
  - OpScope - Procedure Design and Execution
- Past Kenexis Webinars

Get started now and check back often as we are rapidly adding great new training content all the time.

Browse Available Courses

View My Courses

Some course content can be viewed for free. Premium content can be accessed with an annual membership. Click the link below to learn more about membership options.

Learn More About Annual Membership

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.