

PHA-Pro®

Minimize Risk Exposure

Improve your bottom line by optimizing expert time, minimizing work stop pages and reducing the potential for undesirable events.

Sphera PHA-Pro, the leading Process Hazard Analysis and HAZOP software, assists organizations with the implementation of risk studies easily and thoroughly, resulting in a more responsive and efficient business process. Used across process industries such as oil and gas, chemicals, and pharmaceuticals.

Challenges of Process Hazard Analysis

Incidents can result in time lost due to injuries, capital and production losses, environmental damage, and loss of company reputation as well as possible litigation. Companies need to be making every effort to meet regulations and reduce process risks by performing Process Hazard Analyses. Today's rapidly evolving and more complex process industry is under increasing strain as organizations must abide by more stringent safety and environmental regulatory requirements and simultaneously drive business revenues, increase efficiencies and decrease costs.

Why PHA-Pro?

PHA-Pro offers a user-friendly, flexible, and knowledge-based solution that has evolved through extensive commercial use over the last decade to meet the requirements at many of the world's largest companies. It is proven software solution, with preformatted standard PHA templates and a myriad of features that are user-friendly and intuitive. In addition to pre-populated libraries, PHA-Pro allows you to capture language from previous risk assessments to help build corporate libraries and promotes knowledge sharing by ensuring that engineering expertise is retained and accessible for future assessments.

> "We knew we wanted a system that was easy to learn and easy to use with little or no training. We started quickly with PHA-Pro and now it saves us time every step of the way."
>
> – Lloyds Register

®2020 Sphera. All Rights Reserved.



Regulatory Compliance

PHA-Pro is designed to help your organization put corporate-wide risk policies and programs into place and aid in the adoption of standards and regulations such as:

- OSHA 1910.119 PSM
- EPA 40 CFR Part 68 RMP
- Seveso II Directive
- CCPS LOPA
- IEC 61882
- IEC 61511, IEC 61508, ANSI/ISA, S84.00.01
- ISO 31000, AS/NZS 4360
- CSA Standard Z1000

Extensive Capabilities

- Dynamic link of diagrams with worksheets
- Professional reports exportable in HTML, MS Word, MS Excel
- International support such as multi-language and right to left data entry
- Enhanced AutoType and Copy features
- Enhanced Release Management
- Criticality Matrix
- Linked HAZOP and LOPA templates
- Recommendations Manager

®2020 Sphera. All Rights Reserved.

Knowledge Base

Achieve more rigorous studies. PHA-Pro comes equipped with the most valuable professional libraries available, including over 2500 checklist items to make your risk assessments more complete. PHA-Pro helps you build on your previous assessments to avoid wasting time and resources, allowing you to reuse past assessments to retain valuable corporate knowledge and intellectual property, including past incidents.

Flexible and User-Friendly

PHA-Pro has an open structure allowing you to customize templates to your company's specific guidelines and organizational needs, ensuring consistency and adherence to your corporate standards. The software also allows you to customize worksheets and forms of your existing templates, as well as build new templates enabling you to adapt to a variety of safety and reliability methodologies.

Data Management & Transparency

PHA-Pro's data linking features reduce the amount of time and effort required to complete a Risk Assessment and fulfill the recommendations. It increases consistency across your assessments by automatically replicating data in the appropriate areas. Advanced features for professional reporting, preformatted print reports, and the auditing tools available in PHA-Pro give your organization exceptional visibility into your process operations. Filtered reports according to specified requirements allow you to share your information in a variety of formats for easy and controlled access by both internal and external customers, while still maintaining security through double authentication features and document control management.

Industry-leading Features

Dependency Matrix

Helps to create matrix sheets that expance your capabilities to include new types of risk assessment techniques

Conditional Data Mirroring

Allows automatic timing mirroring of data across sheets eliminating the need for you to repeat data entry in multiple worksheets

Pre-formatted Templates

Saves time in creating templates

Comprehensive Libraries

Enables you to shorten study time and leverage best practices

Enhanced Change Tracking

Ensures integrity of change management

Structured Lists

Increases flexibility to create ad hoc breakdown structures via indentation in the rows

Security

Improves security with double authentication feature and ability to use Windows Authentication and LDAP to assign access rights

Multi Language Support

Allows for more effective collaboration - English, French, German, Spanish, Portuguese, Japanese, Chinese (Simplified), Korean

Ready to learn more?

Contact us to learn more about Sphera's Advanced Risk Assessment solutions.

sphera.com/contact-us

ABOUT SPHERA

Sphera creates a safer, more sustainable and productive world. Our innovative cloud-based risk management platform connects an unprecedented amount of information that leads to deeper insights across an enterprise. We operationalize, scale and optimize Integrated Risk Management strategies to help customers identify, manage and mitigate risk in the areas of Environment, Health, Safety & Sustainability (EHS&S), Operational Risk Management and Product Stewardship.

www.sphera.com

®2020 Sphera. All Rights Reserved.