

PROCESS SAFETY  
**SOFTWARE**



***PrimaTech***  
*Specialists in Safety, Security and Risk*

# THE BEST SOFTWARE TO CONDUCT YOUR STUDIES

Primatech's software products are proven assets to support your process safety, security, and risk management programs. Our products benefit from over 30 years of experience. Their design and usability benefits from the insights of Primatech's personnel who use them to conduct studies for consulting clients. Primatech's reputation for providing software support is unmatched. Current products include the following.




**PHAWorks RA Edition®** is the successor to PHAWorks® 5 that has been used to complete thousands of studies worldwide. PHAWorks RA Edition will help you perform your PHA studies quickly and easily.

- ✓ Select from over 20 methods such as HAZOP, CHAZOP, What If, FMEA, DHA, etc.
- ✓ Conduct PHA and LOPA studies in the same worksheet using built in LOPA functions
- ✓ Use the risk ranking wizard to create different risk rankings (e.g., lookup and calculation)
- ✓ Employ a variety of tools such as data linking, quick entry lists, and referencing for data entry
- ✓ Link entries for Safeguards and Recommendations throughout your project
- ✓ Use analytics to run queries and extract valuable information from studies
- ✓ Apply risk graphs to determine Safety Integrity Levels (SILs) for Safety Instrumented Functions (SIFs)
- ✓ Select from 30 standard reports or create your own custom reports
- ✓ Create custom templates specific to your company allowing you to easily save study formats and data for future studies
- ✓ Follow guidance provided in Quick Start Guides, hints, and tooltips
- ✓ Determine the impacts on risk of bypassing safeguards
- ✓ Perform data checks
- ✓ Utilize provided checklists for studies such as human factors, facility siting, inherent safety, and management of change reviews

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**PHAWorks Lite**<sup>®</sup> is an alternative option for those who don't require the features and flexibility of PHAWorks RA Edition.

- ✓ Select from over 10 different PHA methods
- ✓ Conduct PHA and basic LOPA studies in the same worksheet
- ✓ Navigate easily between worksheets



**LOPAWorks**<sup>®</sup> is a specialized tool for conducting LOPA studies. It calculates hazard scenario risks and compares them with risk tolerance criteria to determine if any risk reduction is needed.

- ✓ Include hazards scenarios from multiple PHA studies
- ✓ Perform risk summations automatically
- ✓ Make data changes and see the impact on risk immediately



**SVAWorks**<sup>®</sup> is used to conduct security vulnerability analysis (SVA) for processes. Both cyber and physical SVA can be performed. Also, checklist studies of security issues can be conducted.

- ✓ Use multiple SVA methods including asset-based, scenario-based, and sneak path
- ✓ Incorporate Layers of Protection Analysis
- ✓ Pre-enter common data in quick entry lists for use throughout studies




**AUDITWorks**<sup>®</sup> assists in the preparation and documentation of safety and environmental compliance audits. It provides guidance in conducting audits, and a framework in which to record audit results including data management capabilities.

- ✓ Complete audits against regulations, industry standards, or your company's standards
- ✓ Use checklists for OSHA PSM and EPA RMP
- ✓ Conduct audits using predefined checklists

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## We're here to assist you with your process safety and security programs




Primatech provides consulting services to help companies that use hazardous materials to reduce the likelihood and consequences of potential release events. Our consultants perform a wide range of services for process industry companies.

**Steven Baybutt** Operations Manager  [consulting@primatech.com](mailto:consulting@primatech.com)

## Upgrade your knowledge and skills




Primatech offers training courses, tutorials, and management briefings on process safety and risk management topics. Live-streamed deliveries are scheduled and face-to-face deliveries are offered at various times and locations around the world for public enrollment. They can also be delivered in-house for your company.

**Kimberly Carnahan** Training Services Manager  [training@primatech.com](mailto:training@primatech.com)

## Take advantage of the latest in Primatech software




Primatech's software products are proven tools to support your process safety, security and risk management programs. Primatech offers a variety of products to conduct PHA, LOPA, and other types studies.


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## Benefit from becoming certified in your area of expertise




Primacert certifies the competency of process safety professionals. Certification ensures that individuals have met a defined standard of education, experience, practice, training, and knowledge in specific technical areas.

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