

PRIMATECH SOFTWARE

TOOLS FOR YOUR SUCCESS

Primatech's software is a proven asset for completion of your safety studies. Our software is designed based on completing thousands of Process Hazard Analysis (PHA) studies (e.g., HAZOP, WHAT-If, FMEA) and PSM audits, as well as feedback from users throughout the world. Not only do we develop software, but as one of the leading consulting companies facilitating PHA studies, we use the software daily. Our software is a tool designed to guide and assist in documentation of your studies. Our products are rich in capabilities, but these features complement the primary function of the program - document PHAs and PSM audits.

Primatech has been developing software and conducting PHA studies and audits worldwide for more than fifteen years. That is a wealth of experience in developing tools solely designed to help document your PSM audits and PHA studies. Primatech is committed to helping you with your safety requirements.

PHAWORKS® 5

PROCESS HAZARD ANALYSIS (PHA) STUDIES

PHA (e.g., HAZOP, What-If, FMEA) studies have become easier, quicker and more cost effective with PHAWorks®. With the time and cost savings it provides, PHAWorks is a tool that is essential to your company. No program is used or trusted more throughout the world when completing PHA studies than PHAWorks. Thousands of studies worldwide have been completed using PHAWorks.

PHAWorks is a specialized tool for conducting PHA studies from the smallest to largest system. The design of the software allows you to start conducting studies straight out of the box, leading you through each step of required data for conducting PHA studies. Within minutes, your documenting your PHA studies more quickly and efficiently while keeping the team focused on the task at hand.

- PHAWorks designed for conducting PHA (e.g., HAZOP, WHAT-If, FMEA) studies, but includes the flexibility to customize the worksheet (add/delete/rename columns) for other uses.
- Using PHAWorks eliminates the IT requirement of supporting non PHA specific software.
- A consistent framework will help improve the quality of your studies.
- Create custom reports in HTML and PDF format.
- Use the free PHAWorks Viewer allowing anyone to view, but not edit PHAWorks projects.
- The design is based not only on feedback from customers, but by consultants and users who use the software as you would - facilitating PHA studies.
- The software not only leads you through the process of conducting PHA studies, but saves time and money.
- PHAWorks will not get in the way of conducting the study. It is a tool designed to help, not hinder the performance of the study.

TRACKER®

...complete the commitment

MANAGING ACTION ITEMS (TRACKED ITEMS)

Primatech's Tracker is designed to allow you to track recommendations, action items (Tracked Items) from conception to completion. Tracker provides a tool most companies are lacking – a consistent method for tracking items.

WHAT IS TRACKER AND HOW IS IT DIFFERENT?

Instead of having multiple hands involved, Tracker simplifies the flow, from conception to completion. Think of the Tracker user as someone who coordinates and is responsible for all Tracked Items, making certain all items have been completed. When Tracked Items are generated from multiple sources, the Tracked Items would be given to the Tracker user. The Tracker user can email those who have been assigned Tracked Items, asking for updates, process any replies received, provide status reports for management, etc.

With Tracker, only the user of Tracker has the ability to add, change, or edit any of the data for the Tracked Items, including marking the Tracked Items as completed. This helps assure data integrity with the Tracked Items, and controls who has the responsibility for making sure Tracked Items are completed.

OK, SO HOW DO OTHER PEOPLE WHO HAVE TRACKED ITEMS PROVIDE UPDATES, RECEIVE EMAILS, ETC.?

This is done by using Tracker Client. Tracker and Tracker Client are two separate programs that talk to each other via email. There might be hundreds of people that may have access to run Tracker Client. The user of Tracker would send an email asking for an update, and the user of Tracker Client can email back a response, updates, etc. for the item assigned to them.

The key is that the user of Tracker Client can only provide suggested updates, not edit the Tracker file directly. It is up to the Tracker user to review the response, and decide to accept or reject their suggestions. Tracker can even send a confirmation email back to the user of Tracker Client, noting what items were accepted or rejected.

Users can also enter Responses directly into the Tracker file using **Responder Mode**. This is a security setting in which a user logs into a file and can only see Tracked Items and Requests assigned to them. They can only add Responses and Suggested Updates for Requests similar to what they would have done using Tracker Client.

THE BOTTOM LINE

Instead of multiple people using multiple programs, files, and methods to make sure Tracked Items are completed, there is now one simple approach. Tracker allows you to use one tool to track all your action items effectively and efficiently.

AUDITWORKS™ 1

SAFETY, HEALTH AND ENVIRONMENTAL AUDITS

AUDITWorks® assists in the preparation and documentation of safety and environmental compliance audits. This software provides guidance in conducting audits, a framework in which to record audit results including data management capabilities, and protocols for evaluating compliance. A variety of checklists are available in AUDITWorks containing questions that can be used to audit various programs, including OSHA's Process Safety Management and EPA's Risk Management Program regulations. Audit against government regulations, industry standards or your company's own health, safety and environmental standards. AUDITWorks provides the means to facilitate all types of audits.

Built-In Compliance Checklists include:

- OSHA PSM Compliance Directive Audit Checklist (Instruction CPL 2-2.45A).
- OSHA PSM Standard Checklist (29 CFR 1910.119).
- Primatech OSHA PSM Checklist.
- EPA RMP Rule Checklist (40 CFR 68).
- You can also import and customize your own checklists.

AUDITWorks was designed to help you spend less time learning the software and more time conducting your audit. With its easy step-by-step approach of proceeding into the audit worksheet, you'll be conducting your audit within minutes. If you are already familiar with PHAWorks, you will find that AUDITWorks has similar functionality, so your transition will be easy.

LICENSES

- Single-User: Software can be used at multiple locations and for consulting work (internal and external).
- Site (default shipment includes six copies): Software can only be used at the purchasing site. The software cannot be used for consulting (internal or external). A site is defined as a location made up of any number of plants in one contiguous geographical location (limited to where the plants are located, not by city, town, suburb, etc.). It is possible to have multiple sites in one city. If you have multiple locations and/or need the software for consulting use, the Site license is probably not the best choice. Either a Single-User or Multi-User license will better fit your requirements.
- Multi-User (default shipment includes fifteen copies): Software can be used at multiple locations and for consulting work (internal and external). License is designed for companies that have multiple sites, own multiple companies, and/or require ten or more copies.
- Academic (default shipment includes a ten-user network license): Software may only be used at the purchasing academic institution and only for demonstration and instructional purposes. The software may be used for instructional lab exercises. The software is not to be used to conduct hazard analysis studies for outside companies or other third parties.

PRICING AND SOFTWARE ORDERING

Please see separate flier that includes prices and ordering instructions for our software.

ABOUT PRIMATECH

Primatech specializes in Process Safety, Security and Risk Management. We offer consulting, training and software (e.g., HAZOP Software - PHAWorks) to assist our clients in identifying and reducing the risks posed by hazardous materials.

Companies in a variety of industries choose Primatech to help them manage their risks. We help companies reduce the likelihood and consequences of releases, which helps protect employees and the public and prevent damage to equipment and the environment. Reducing these risks also improves productivity and quality. We help companies comply with OSHA's Process Safety Management (PSM) standard, EPA's Risk Management Program (RMP) regulation, and industry guidelines.

Our capabilities include:

- Process Hazard Analysis (PHA), e.g., HAZOP Studies
- Security Vulnerability Analysis for Deliberate Acts Including Terrorism
- Compliance Audits and Program Assessments
- PSM Program Development and Implementation
- RMP Program Development and Implementation
- Cyber Security Management
- Release and Spill Assessment
- Process Security Management
- S84 - Safety Instrumented Systems
- Layers of Protection Analysis (LOPA)
- Operating and Maintenance Procedures Development
- Mechanical Integrity Program Development and Implementation Guidance
- Human Factors and Human Error Analysis
- Facility Siting Analysis
- Dispersion and Consequence Modeling
- Probability Modeling
- Quantitative Risk Assessment
- Emergency Response Program Development and Implementation Guidance
- Expert Witness Testimony and Litigation Support

We specialize in serving the process industries, and have served hundreds of industrial facilities throughout the world. Our services and products enable our clients to achieve their risk, safety and security objectives faster and easier.

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