

Knowledge Management System Software Suite, KMS.net™

Within industries that face increasing government-compliance regulations and shareholder pressure to increase transparency, progressive companies recognize the need for leading indicators, decision support and visibility into their organizations' performance. As they work to improve process safety and process-safety management, they are looking for the best technology on the market to support their efforts.

The fully-integrated, web-based Knowledge Management System Software Suite, KMS.net™, provides the information and visibility needed to remain competitive and compliant.

Using insight gained through delivering enterprise environmental, health & safety (EH&S) information management systems to leading Fortune 500 customers around the globe, Optimized Systems and Solutions (OSyS) has developed KMS.net™ to help companies manage risk. By automating critical business processes, KMS.net™ reduces the time required to manage change, track corrective/preventive actions, conduct process hazard analyses (PHAs), audit facilities and manage incident investigations.

KMS.net™ aids efforts necessary to comply with the U.S. office of Safety and Health Administration's (OSHA's) Process Safety Management (PSM) Standard and the U.S. Environmental Protection Agency's (EPA's) Risk Management Program (RMP) Rule. It also helps companies address the requirements of API RP-75, OSHAS-18000, ISO 9000 and ISO 14000.

A mature, proven solution that has been in use for more than a decade, KMS.net™ is frequently updated to stay current with technology and industry needs. The latest version of KMS.net™ includes the following elements.

Resolution Tracker™

Resolution Tracker™ has the exceptional ability to track all recommendations, regardless of source or purpose, from inception to closure. Unlike other solutions, Resolution Tracker allows you to manage in one module the entire universe of corrective action, both "in-kind" and "not-in-kind" change. Ad hoc recommendations that do not fit your management of change (MOC) definition can be managed from collection to execution using your current work process.

Ideas and recommendations can come from a variety of sources such as meeting minutes, operating ideas, PHAs, corporate audits, incident investigations and safety suggestions. With Resolution Tracker, you are able to monitor all of them through completion; they will no longer "fall through the cracks."

Electronic Management of Change (eMOC™)

When an idea or suggestion meets your MOC definition, eMOC™ automates your process to reduce the paper trail and simplify tracking, communicating status and closure while allowing each of your facilities to use existing workflow and process. Of course, integrated pre-startup safety review is included to ensure your MOC process is working as you intend.

Recurring Activities™

This module allows you to manage known, time-sensitive tasks such as PHA revalidations, inspections, audits and meetings. By tying into your e-mail system, it also provides reminders of impending tasks.

Investigator™

Investigator™ is a management tool designed for recording, analyzing, and sharing lessons learned from near-misses, actual incidents, or other unwanted events. Defined in terms of asset unavailability (reliability), safety, environment, quality, or security, these or any other events from which you want to document lessons learned can be leveraged for better future performance. Investigator has many user-defined “picklists” and screens that can be used to log all incident data, including tracking safe and unsafe acts, safety tenets or other EH&S checklist items. Corrective actions from Investigator are seamlessly transferred to Resolution Tracker where they can be tracked to closure as recommendations or MOCs.

OI&I™

OI&I™ is a safety management tool that tracks OSHA-required case data around occupational injury and illness (OI&I) and generates OSHA 300 logs.

Auditor™

An audit management tool, Auditor™ is designed for planning, conducting, and documenting any type of audit, review, inspection, or surveillance program under your current protocols. Corrective actions from Auditor are seamlessly transferred to Resolution Tracker where they can be tracked to closure as recommendations or MOCs.

PHA Workshop™

Used by consultants and in-house experts since the late 1980s, PHA Workshop™ has provided risk assessment on thousands of processes worldwide. This tool facilitates recording PHAs, including hazard and operability analyses (HAZOPs), checklists and what-ifs. Corrective actions from PHA Workshop are seamlessly transferred to Resolution Tracker where they can be tracked to closure as recommendations or MOCs.

Strategic Value

Organizational Efficiency and Effectiveness

- Broad, real-time, proactive sharing of reliability and EH&S information and knowledge
- Ability to manage to results as an integrated component of enterprise decision support

Business Process Improvement

- Standardized, automated processes
- Consistent information
- Reduced workflow cycle times

Tactical Value

Maximize Production

- Reduce outages
- Leverage collective process and operational wisdom

Minimize Regulatory and Legal Exposure

- Avoid cost
- Maintain an auditable environment

Reduce Costs

- Increase efficiency of personnel and assets
- Maximize performance
- Minimize process overhead

Enhance Technology

- Minimize support necessary through standardized tool
- Maximize the web using Microsoft.net framework
 - Deployable inside your firewall
 - Available for external hosting

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