

REPORTS

ESAMS contains many reports to aid users and administrators in finding and compiling data. ESAMS report categories include all of the following:

- Basic (including Command Safety Summary)
- Training
- Class & Instructor
- Training Trends
- Inspections
- Deficiencies
- SF-91 MVAR
- Personnel
- Motorcycle
- Mishaps
- Mishap trends & Analysis
- Medical Surveillance
- Self Assessment
- Safety Manager Surveys
- Equipment Tracking
- Unsafe/Unhealthful Reporting
- Hot Works (Fire)
- NFIRS (Fire)

10239 Technology Drive
Knoxville, TN 37932

Business Phone: (865) 288-7899
Fax: (865) 288-7897

ESAMS Help Desk Phone: (865) 288-7898
ESAMS Help Desk Fax: (865) 288-7896

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www.hgwllc.com



ESAMS[®]

GENERATION II



Enterprise Safety Applications Management System

ESAMS Help Desk:
(865) 288-7898

Fax: (865) 288-7896

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GENERATION II

An Enterprise Solution to Safety Program Management

HGW has developed a fully integrated and powerful web-based system composed of interactive modules, the Enterprise Safety Applications Management System (ESAMS). Through the use of interlinked modules, ESAMS facilitates the sharing of information among functional areas. ESAMS is a web-based Risk Management Information System that facilitates multi-level program management and provides aggregate reporting, tracking, and trending of electronic data. ESAMS provides a mechanism for management to ensure compliance with applicable directives, and conduct analysis using real-time data.

ESAMS applies web-based technology that further enhances system integration by providing a user-friendly interface and a means for storing, accessing, and manipulating large volumes of data across functional areas. Access to ESAMS is structured to accommodate a tiered approach which allows users to create, view, or edit data at their assigned level by automatically configuring the screens and menu selections.

Benefits

- Assists with the VPP Process
- Supports mishap reduction initiatives
- Provides career life data management
- Provides a top-down view of data for managers
- Generates safety metric reports
- Creates OSH Report Cards
- Sends auto e-mail notifications
- Supports real-time data management and analysis
- Provides historical trend analysis
- One system used to support the requirements of many programs, eliminating redundancy
- Works across diverse functional areas

Key Features

- Manpower efficient—does more with less
- Web-based—no software installations or upgrades required and NMCI supported
- Mishap reports able to be sent to WESS II
- User friendly interface
- Dynamic and scalable
- Seamless application updates
- Available world-wide 24/7
- Field tested and deployed

ESAMS

Personnel and supervisors can view their respective data and that of their Direct Reports including administrative information, duties/tasks, medical surveillance, mishaps, upcoming requirements, and training history. ESAMS distributes the responsibility for safety to the employee, supervisor, manager, and the Occupational Safety and Health (OSH) Office.

Access to information is controlled at multiple levels: individual, supervisor, department, program, command, etc. This, combined with module-specific access, provides the maximum flexibility and security in user accessibility to data. At higher access levels, summary reports can be generated. Real-time data is summarized and presented in tabular and graphic formats. The summarized information displayed has drill-down capability providing granularity and detail.

Web-based training is available 24 hours a day, seven days a week. A partial list of web-based courses includes Employee and Supervisor Safety Orientation, Hearing Conservation, Back Injury Prevention, Ergonomic Awareness, ESAMS for Supervisors, Asbestos Class IV, HAZCOM, etc.

Resource material is available to supervisors for On-the-Job Training. Supervisors can also record OJTs that they provide to personnel. There are over fifty OJT courses and the list is growing. Some functional areas include:

- Monthly Safety Talks
- HAZCOM Training
- PPE-Related Training
- Physical/Chemical Hazard Training
- Traffic Safety Training
- General Military Training
- Recreation and Off-Duty Safety Training

ESAMS MODULES

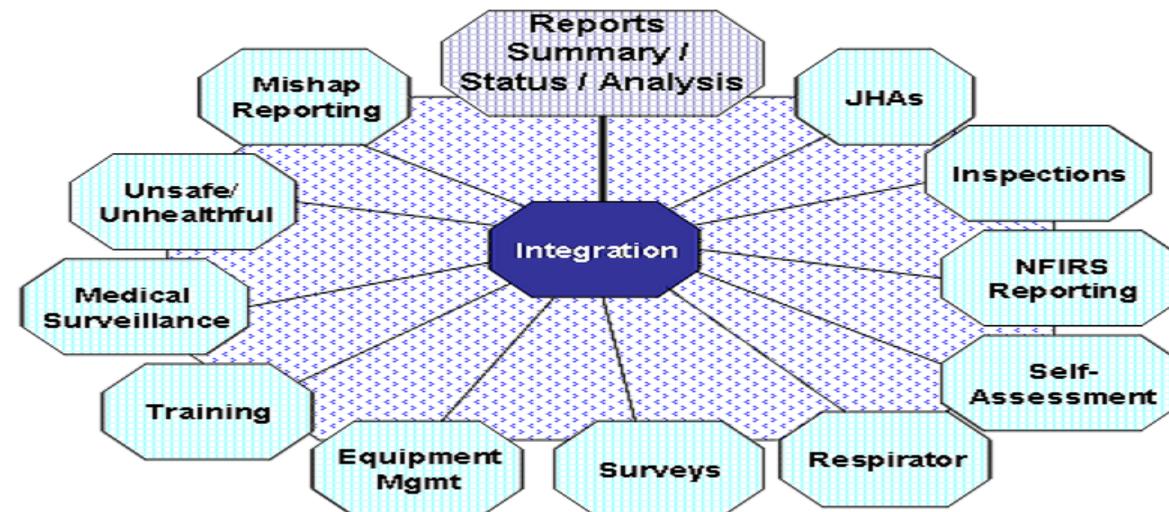
- **Personnel Administration (PA)** - OSH professionals, as well as other designated individuals, can administer personnel data; assign training, medical surveillance, and PPE by task; and assign roles/tasks to personnel.
- **Training Administration (TA)** - OSH professionals, as well as other designated individuals, can create class records and record training completion.
- **Supervisor Tools** - Supervisors can view and assign direct reports and associated duty/tasks. Supervisors can also view training and PPE requirements, an numerous other personnel records for their Direct Reports.
- **Inspection, Deficiency, & Abatement Tracking System (IDATS) (Inspection and Hazard Abatement)** - Inspections, deficiencies, and hazard abatements are electronically recorded and tracked. Inspection types tracked include OSH, high hazard, external, explosive, fire, etc.
- **On-Line Medical Surveillance** - Administrators can schedule and record cyclic medical examinations as well as record stressor-specific results.

ESAMS MODULES

- **Injury Illness Reporting and Tracking System (IIRTS) (Mishap Reporting)** - Supervisors can electronically submit a mishap or property damage report. Notifications are sent to Supervisors, managers, and the NAVOSH office. Medical personnel can input treatment information for personal injury reports. Administrators can use the IIRTS module to track mishap-prevention corrective actions. Trend analysis reports offer information on the number and types of mishaps for selected years. Administrators can also elect to transmit mishap reports to WESS II.
- **E-Tracker** - This module provides administrators with an area to track various physical elements of the OSH Program. E-Tracker is capable of tracking all types of hardware and/or physical spaces, alerting administrators of upcoming inspections, and logging results.
- **Self Assessment** - OSH managers can initiate, conduct, and complete annual self assessments, drawing data from pertinent ESAMS modules. The process identifies program deficiencies and drives improvements. The application supports simultaneous input from multiple personnel and a final review and approval by the safety manager.

ESAMS MODULES

- **Respirator Program Management** - This module integrates the Respirator Use Questionnaire, fit test results, respirator training, medical surveillance results, respirator and cartridge usage, and change-out frequency for respirator users.
- **Unsafe/Unhealthful (U/U) Employee Concerns** - Personnel can submit Reports of U/U Working Conditions directly to the safety office. The module automates the 1-, 3-, or 10-day investigation requirements, along with all interim and final response letters (if not submitted anonymously) depending on the hazard classification selected.
- **Job Hazard Analysis** - Personnel can create a new JHA, submit it for review and approval, record on-the-job-training for the JHA, and browse approved JHAs.
- **Root Cause Analysis** - OSH professionals can analyze incidents (mishaps, near miss events, or hazards) by completing concurrent basic root cause analysis investigations.
- **Safety Perception Surveys** - Employees, supervisors, and managers can complete on-line surveys. Data is automatically summarized for review.



Integrated System - Program Support

As seen to the left, the integrated applications of ESAMS help users make risk management decisions based on actual data, and the system supports requirements for recordkeeping and compliance.