Large energy provider achieves 97% chemical inventory compliance rate

hsi

Case Study

Company
Large Energy Provider

Solution
SDS Management
On-Site Inventory (OSI)

Industry
Public Utilities

Company Overview:

Frustrated by inefficiencies in its chemical reporting system, a U.S. utility controlling more than 19,000 megawatts of electrical generating capacity, partnered with HSI to implement a streamlined and efficient reporting solution.

Challenge:

The utility provider had an automated system to do its chemical and safety data sheet (SDS) reporting, but the existing solution was difficult to manage and use, and did not routinely maintain a level of compliance sufficient to meet necessary regulations.

Beyond improved compliance performance, the utility provider sought a reporting and management solution that could be easily integrated with existing systems and internal processes, including centralized management of compliance data and creation of OSHA- and GHS-compliant customizable secondary labels for chemical containers.

Solution:

A review of several chemical management vendors led the utility provider to HSI.

In phase I of the project, HSI conducted a comprehensive On-Site Inventory (OSI) audit of the provider's facilities that revealed a compliance rate of 25%.

Results in hand, HSI worked quickly and efficiently in cooperation with the utility and its team to acquire the necessary documentation to resolve this compliance gap.

HSI implemented a new SDS management system and monitoring services to ensure that the utility provider's SDS library would remain accurate going forward. OHSA- and GHS-compliant secondary container labeling and an automated materials approval process were also employed, creating tighter oversight of the chemicals entering the provider's facilities.

The process started with the integration of a new flat-file application, establishing a secure information exchange within the provider's Asset Suite. HSI then implemented an Application Programming Interface, or API, to replace the flat-file integration. The move eliminated the manual activity associated with the initial integration and allowed the utility to increase compliance through more efficient reporting and automation.

Why It Matters

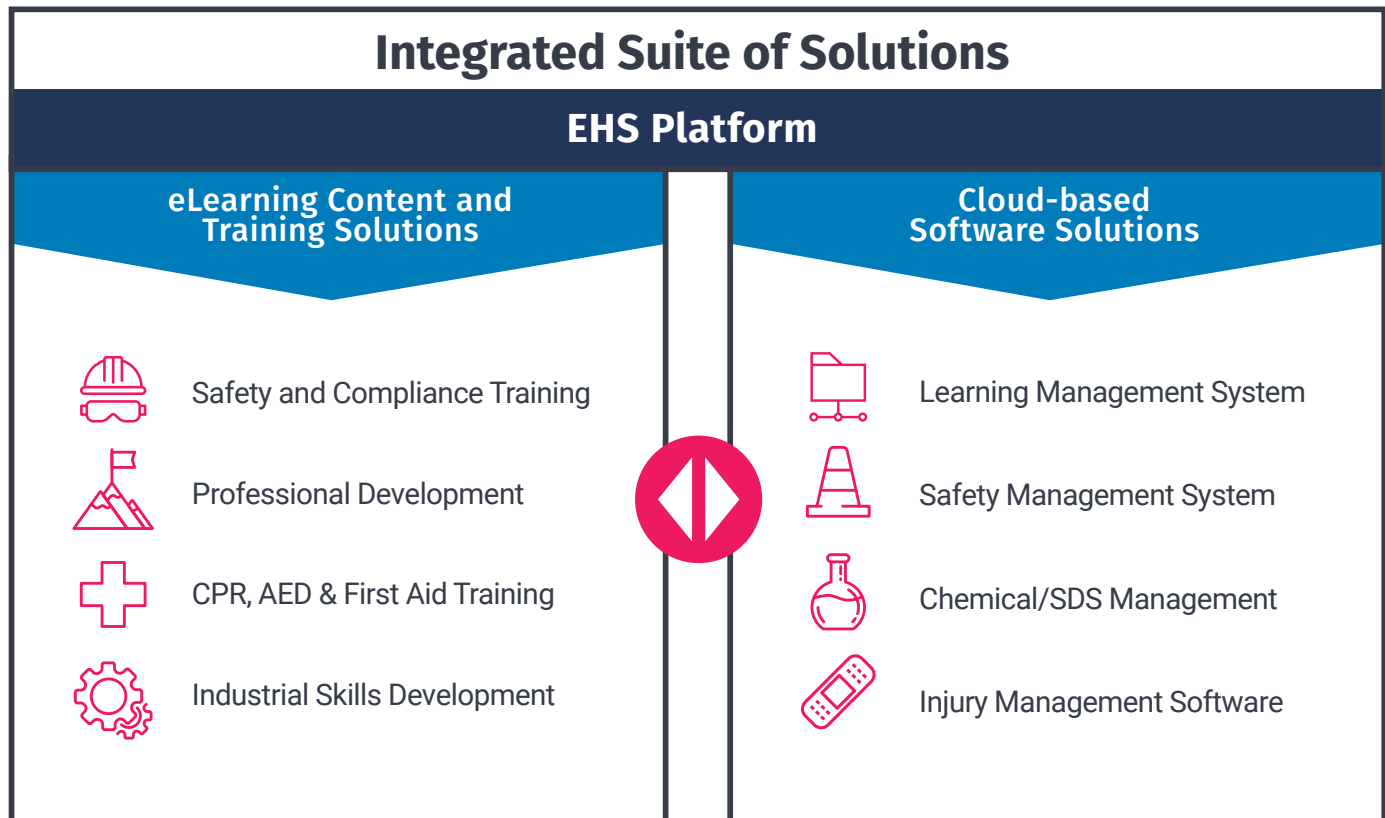Improved SDS compliance from 25% to 97%

Replaced burdensome and ineffective chemical management platform with one that works

Centralized management of compliance data integrated with existing systems

Results:

After introducing HSI's chemical management solution, an internal audit revealed the utility provider successfully increased its compliance rate from 25% to an astonishing 97% across the organization.

After introducing HSI's suite of reporting and management solutions, a system audit revealed the utility provider successfully increased its compliance rate from 25% to an astonishing 97%.

Integrated Suite of Solutions

EHS Platform

eLearning Content and Training Solutions

- Safety and Compliance Training
- Professional Development
- CPR, AED & First Aid Training
- Industrial Skills Development

Cloud-based Software Solutions

- Learning Management System
- Safety Management System
- Chemical/SDS Management
- Injury Management Software

About HSI

HSI is your single-source partner for EHS, Compliance, and Professional Development solutions. HSI provides integrated e-learning content, training solutions, and cloud-based software designed to enable your business to improve safety, operations, and employee development. Across all industries, HSI helps safety managers, and technical employees, human resources, first responders, and operational leaders train and develop their workforce, keep workers safe, and meet regulatory and operational compliance requirements. HSI's focus is on training, software, and services for safety and compliance, workforce development, industrial skills, and emergency care. HSI is a unique partner that offers a suite of cloud-based software solutions including learning management, safety management, chemical SDS management, and more, integrated with content and training so businesses can not only monitor and manage multiple workflows in one system, but train employees via one partner.

For more information, visit hsi.com