



Health & Safety Compliance Made Easier With AI





Regulation Complexity Is on the Rise

As the world becomes more interconnected and complex, so do health and safety regulations. COVID-19 has led to even greater concerns about the health and safety of employees and contractors in every sector. So, the government moves to protect those workers. It costs more time, effort, and money to maintain compliance every day.

New guidance from the United States Federal Government, specifically from the Occupational Safety and Health Administration (OSHA), aims to unify the existing patchwork of recommendations from the Centers for Disease Control and state and local authorities, which of course adds new layers to existing complex, sometimes confusing, regulations. The National Council on Safety notes that “One national standard will establish one level of safety for all workers at this time when we need it most.” But in the meantime, it’s on employers to navigate existing regulations.

With employee safety and health of paramount importance, speed in interpreting regulations and complying with them is ever more critical. Companies trying to do more with less need to improve their processes and increase efficiency; the right tools and technology will help them achieve that.

“I want to help my team improve workflow processes to be more efficient.”



"I need to know what the requirements are I need to comply with."

Importance of Health & Safety Compliance

While environmental regulations are about protecting places and resources, health and safety regulations are about protecting people. What's the difference between health and safety in this context?

- Safety regulations focus on mitigating short-term risks: the job-site accident, the slip and fall.
- Health regulations focus on long-term issues employees may face from working in an environment: black lung disease, chemical exposure, radiation and more.

The onus of complying with health and safety regulations is on the employer. While environmental regulations are often enforced

through pre-project permits and permissions, health and safety compliance is an ongoing endeavor that must begin before employees or contractors are hired. Often those regulations are unclear, because they aren't always industry-specific.

Incidents, accidents and notices of violations often happen because companies don't know what they need to do to be compliant. Maybe they're following out-of-date rules or growing too fast to keep pace with the latest health and safety directives. But ignorance of the rules and regulations is no excuse if an employee sustains short or long-term injury due to employer negligence.

Because that burden is on the employer, staying on top of the latest compliance directives is critical. That's a lot to manage, and compliance teams are feeling the pressure.

Proactive vs Reactive Compliance Efforts

When approaching compliance, employers can take a proactive approach or a reactive one. The right proactive approach can make reactive efforts unnecessary.

Reactive approaches are the ones most people think of when discussing compliance: an inspection by OSHA or a state or local authority finds a problem, and the business has to correct it. This is common in all types of high-risk industries. Low-risk businesses, such as data centers, software companies and other office spaces, aren't as frequently subject to such outside inspections. But once an outside inspection triggers the need for corrective action, then audits — both external and internal — follow.

The alternative to waiting for problems to crop up and reacting to them is to be **proactive**. Implementing **self-auditing through a management system** at the beginning of operations is the most effective way to be proactive in health and safety compliance.

Companies that are developing or have developed and implemented a management system are better prepared to conduct those internal audits and correct any uncovered risks.

While management systems used to be voluntary, many industries now require them. Complying with OSHA and EPA requirements are no longer the sign of being an industry leader. A management system, which is a set of policies, processes and procedures that define and improve the health and safety risk, is the next step for today's industry leaders.



Management Systems Include Documents That

1. Identify risks to employee health and safety
2. Establish procedures to mitigate those risks
3. Measure the success and impact of those procedures
4. Continue to improve those procedures
5. Repeat this process

Software tools can help make this process easier and more efficient, including Intalex, Cornerstone and others.

Health and safety compliance is complex. It may be tempting to hope for the best rather than invest in the costs and time involved in compliance. But that's a dangerous proposition.

In addition to employee illness, injury or even death, risks of inaction on health and safety compliance include costly fines, operational shutdowns, loss of business, poor image, and other interruptions. Injuries due to accidents will raise insurance premiums for worksite and worker's compensation coverage. Investing in health and safety now will save time and money in the long run, as well as protecting everyone involved in your business.

"I need a compliance management solution that enhances accuracy and consistency of analyses to ensure systems and staff remain compliant."





Ensure Compliance in Less Time

For the business trying to do more in less time, compliance can be burdensome. Thousands of pages of documents, constant changes and updates to those documents, and even shifting political winds can make it hard to know what needs to be done and keep up. What's the solution for a company that wants to accelerate that process?

Artificial intelligence and machine learning are able to extract data from those lengthy, complex documents and turn them into actionable items for any compliance team. Data from the documents can be uploaded to a company's choice of management software to create tasks. Creating checklists for self-assessments, inspections, and internal and

external audits will help compliance teams dot the i's and cross the t's to keep all employees, contractors and public, healthy and safe. Those AI and ML tools can also help ensure that existing written procedures match the requirements a company needs to meet.

ehsAI combines AI and ML with optical character recognition and natural language processing to take the process to new heights. It learns as it goes, gradually improving its efficiency and accuracy along the way. The transformation of reams of regulatory documents is automated without guidance or interference from a human operator. It's a smart interface that turns confusing documents into practical actions.



Compliance teams can **save up to 80% of their time and costs by leveraging the power of ehsAI**. ehsAI integrates with popular management software, making compliance both easier and faster. Because many large companies span continents, ehsAI can analyze documents in a number of languages, including English, Spanish, Portuguese, French, German and Dutch, with more to come, adding to its practically endless value.

ehsAI lets companies upload, scan, analyze, implement and act on the most up-to-date regulations and guidelines for every industry, all in a matter of minutes instead of days. The earlier a compliance team embraces ehsAI, the more quickly the compliance program will move forward.

[Contact ehsAI](#) today to learn more about how this revolutionary approach can work for your business.



About ehsAI

ehsAI is an AI-powered software that extracts accurate data from your EHS compliance documents, reducing the operational time from days to hours. We're not about losing human touch—we value freeing EHS businesses up to spend time on what really matters, like sustainability, growth, and ESG. ehsAI was created by EHS professionals for EHS professionals. Expediting and enhancing your critical compliance processes drive everything we do.



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