THE ENGINE

The Engine Accelerator Takes Off

ChemTracker elevates the management platform to support "tough tech" innovation and growth

The Engine Accelerator (https://engine.xyz/) bridges the gap between discovery and commercialization for promising breakthrough inventions, ensuring they don't get stuck inside a lab.

Their mission is to provide founders with access to the infrastructure, resources, and community they need to scale their companies. They create co-working spaces for early-stage companies in the creation phase, so these companies don't have to worry about the overhead of leasing and building out their own space.

Over the last six and a half years, The Engine Accelerator has experienced significant growth and success, rapidly scaling two separate functions under one organization.

With growth, it's essential to make sure your organization can scale. To be a home for "tough tech," having software to automate and organize your company foundation is crucial.

Since implementing SciShield, the Engine Accelerator has grown from 10 to 50 laboratory resident companies.

// We've replaced Excel, paper, and Access databases with efficiency, turning manual tasks from **hours into minutes."**

Coordinating compliance across companies

One of the complex parts of the Lab Operations team's responsibilities is coordinating between dozens of different resident companies, ensuring they have everything they need to perform cutting-edge research while maintaining compliance.

This includes everything from de-risking the organization from fines, proving the research environment is safe, and falling within the lines of regulations set by local ordinances and federal regulations.

Previously, Lab Operations relied primarily on Excel spreadsheets to manage these complexities.

With ChemTracker, The Engine Accelerator lab operations team has transformed inventory management: "We've replaced Excel, paper, and Access databases with efficiency, turning manual tasks from hours into minutes."

Automating manual inventory processes

Understanding information about chemical inventory, such as the location of compressed gasses, allows Lab Operations to make informed decisions about where resident companies should be located.

"We get really weird chemicals and mixtures, and you can find them in ChemTracker most times."

// Quantifying all chemicals by hazard class can be a demanding process. Without the resources available within ChemTracker, Lab Operations would spend unknown hours collecting this information at their current scale."

Minimizing time-intensive compliance reporting

One of the most time-intensive responsibilities for Lab Operations is maintaining compliance with various permitting obligations.

With ChemTracker, Lab Operations has increased efficiency so much that The Engine Accelerator expanded their offerings to permits that they otherwise wouldn't be able to support.

With the bandwidth to offer rDNA permits, The Engine Accelerator has "added 25 companies performing work with genetic engineering technologies to our portfolio."

Hours turned into minutes!

For their customers that used Excel, paper, and Access databases, after the implementation of ChemTracker, they experienced an efficiency improvement for identifying hazard information for resident companies, locations, and individuals from several hours to less than 5 minutes.

" The time spent identifying hazard information for resident companies, locations, and individuals shrank from several hours to **less than 5 minutes**."

Increased confidence in data and safety

Using ChemTracker has increased confidence in Lab Operations in their knowledge of the presence of hazardous chemicals, the accuracy of their data, and their preparedness for regulatory audits.

More efficient and effective information management has translated to organizational success. The streamlining of burdensome permitting and reporting processes ultimately allowed for growth and portfolio expansion at scale.

Extended success

The benefits of ChemTracker also extend to Residents at The Engine Accelerator. They can quickly determine how many chemicals are in inventory, locate digital SDS instead of relying on paper binders, and have greater awareness of the hazards present in their labs.

"ChemTracker is like their very own shopping cart," said the lab operations team. Researchers know what chemicals are undercounted, overcounted, or unaccounted for to help them be more sustainable with ordering for their next big project.

With SciShield powering chemical inventory management, The Engine Accelerator is supporting Resident teams with the infrastructure to handle complex scientific tasks, and helping them focus on innovation instead of logistics. It's a big boost for startups looking to make major technology leaps.

THE ENGINE   +   SciShield℠

ABOUT THE ENGINE

The Engine Accelerator is a public benefit corporation that convenes the Tough Tech community, offering access to the specialized labs, equipment, tools, space, and infrastructure as well as the resources and services necessary to build transformative technologies as economically and efficiently as possible.

ABOUT SCISHEILD

At SciShield, we reduce the burden on scientists worldwide while improving safety, regulatory compliance, and operational efficiency in their organizations through our modular, enterprise software solutions.

Mitigating risk while increasing productivity has never been easier. **Unlock the possible scishield.com/demo**