

Lab Equipment Management Made Easy With Floorplans & Custom Dashboards

Floorplans: Visualize Your Ecosystem in Real Time

Elemental Machines' new [Floorplan view](#) offers a top-down, 2D map of your lab for superior lab equipment management. Built for science and proven for lab operations, floorplans show you exactly where your equipment is and provide its real-time status. With this powerful and practical tool, there's no more searching for machines or cross-referencing alerts — everything you need is at your fingertips! Get the right data, at the right time, in the right context to transform equipment management from reactive searching to proactive intelligence. Upload custom floorplans, move equipment around, and grasp the totality of your lab operations with a single glance.



Core Features

- **Equipment at a glance:** Upload your lab's specific floorplan and place assets visually on the map
- **Real-time lab alerts in context:** Quickly identify alerting machines within your floor layout for faster response times — go beyond simple threshold-based alerts
- **Simplified collaboration:** Share equipment locations and statuses with lab staff, security, or maintenance teams
- **Audit-ready documentation:** Maintain complete traceability and visual records of equipment locations, status changes, and alert responses

Real-World Scenario

Imagine this: A lab manager gets an alert in the middle of the night that a freezer door was left open. Instead of rushing to the lab, they open the Floorplan view on their phone, instantly locate the freezer, and call the night crew to resolve the issue — no lost sleep or samples.

What Sets It Apart

- **Easy navigation:** Use intuitive zoom, pan, and click features to explore your lab layout
- **Pinpoint insights on the go:** Access precise equipment data — status, alerts, trends — wherever you are
- **Multifloor support:** Organize and switch between multiple floorplans, keeping a watchful eye on all your locations
- **Compliance-ready operations:** Automated logging and time stamping of all equipment interactions ensures you're always audit-ready with complete operational transparency

Custom Dashboards: Personalized Data for Every Role

With [Custom Dashboards](#), every user can create their own view that features the data they need most. Whether it's tracking freezer temperatures, battery status, or equipment alerts, these dashboards are designed to simplify data management and boost productivity. Move from reactive data checking to proactive intelligence at your fingertips.

Core Features

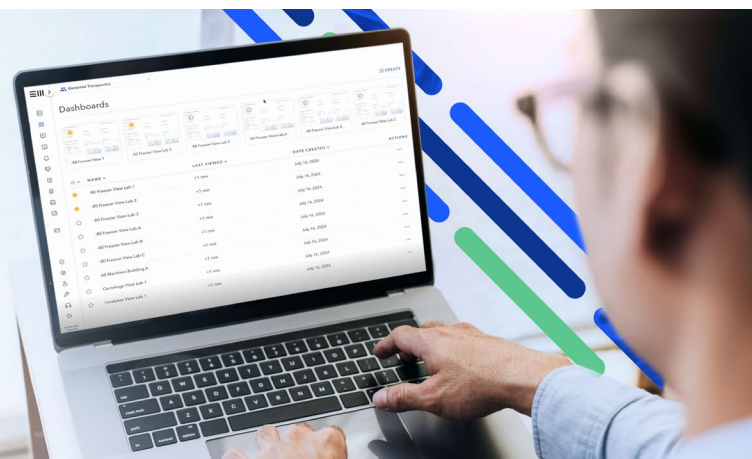
- **Flexible views:** Build dashboards to track specific assets or insights, including freezer performance, recent alerts, and environmental trends
- **All-in-one access:** View detailed tables, graphs, and status alerts for multiple machines on a single screen
- **Time frame control:** Adjust data time frames to spot trends and anomalies — 6-hour, 24-hour, even 30-day data windows, you name it!

What You're Going to Love

- **Quick monitoring:** Enjoy the time savings of scrolling through all equipment graphs without jumping between machines
- **Contextual alerts:** Dashboards flag battery issues or connection errors, ensuring nothing is missed
- **Collaboration made easy:** Dashboards can be saved, favorited, and shared with colleagues

Real-World Scenario

A team tracks multiple freezers on a Custom Dashboard, displaying real-time temperatures, alerts, and trends. Instead of clicking through individual machines, they can see all graphs and alerts in one place. When a temperature alert triggers, the dashboard highlights the affected freezer and identifies a low battery issue on one sensor. The team quickly shares the alert and data snapshot with on-site staff, ensuring the issue is resolved before any samples are compromised.



Powerful Tools, Powerful Results

Floorplans and Custom Dashboards are high-value additions for production or lab equipment management systems. Whether you're visualizing assets across multiple floors or configuring dashboards for your team's specific needs, our tools provide better intelligence, faster responses, and greater peace of mind.

Ready to take your lab management to the next level?

[Contact Elemental Machines](#) to explore how these new features can streamline your operations and optimize your outcomes.

About Elemental Machines

Elemental Machines' Intelligent Operations Platform transforms raw lab and facility data into intelligence you can act on. Built by scientists and engineers who understand the demands of modern research and manufacturing environments, we connect the physical and digital worlds to simplify, optimize, and future-proof operations. From incubators to enterprise-level sites, our ecosystem combines wireless sensors, utilization tracking, custom dashboards, interactive floorplans, business intelligence tools, and seamless integrations with systems like LIMS, MES, QMS, CMMS, and ELNs, giving teams complete visibility, predictive insights, and audit-ready compliance tools. Leaders in science, facilities, and technology worldwide trust Elemental Machines to help them act faster, reduce operational risk, and shift from reactive to proactive management. With the industry's most expansive integration library and a robust partner ecosystem, we empower organizations to accelerate innovation, ensure scientific integrity, and get more value from every asset.