



# Lab Intelligence You Can Act On

**Built for Science.  
Proven for LabOps.**

Leverage lab equipment data into decisions that protect assets, cut down time, guide capital planning, and keep you audit-ready.



# Make Data Useful. Take Confident Action.

Modern labs and manufacturing teams already produce mountains of data. But are they getting them with the right context at the right time?

Elemental Machines unifies signals from equipment and environments of all kinds, translating them into simple, shared, reliable views that help teams act fast, stay compliant, and keep their science moving forward.

## Making Lives Easier For:

### LabOps & Quality:

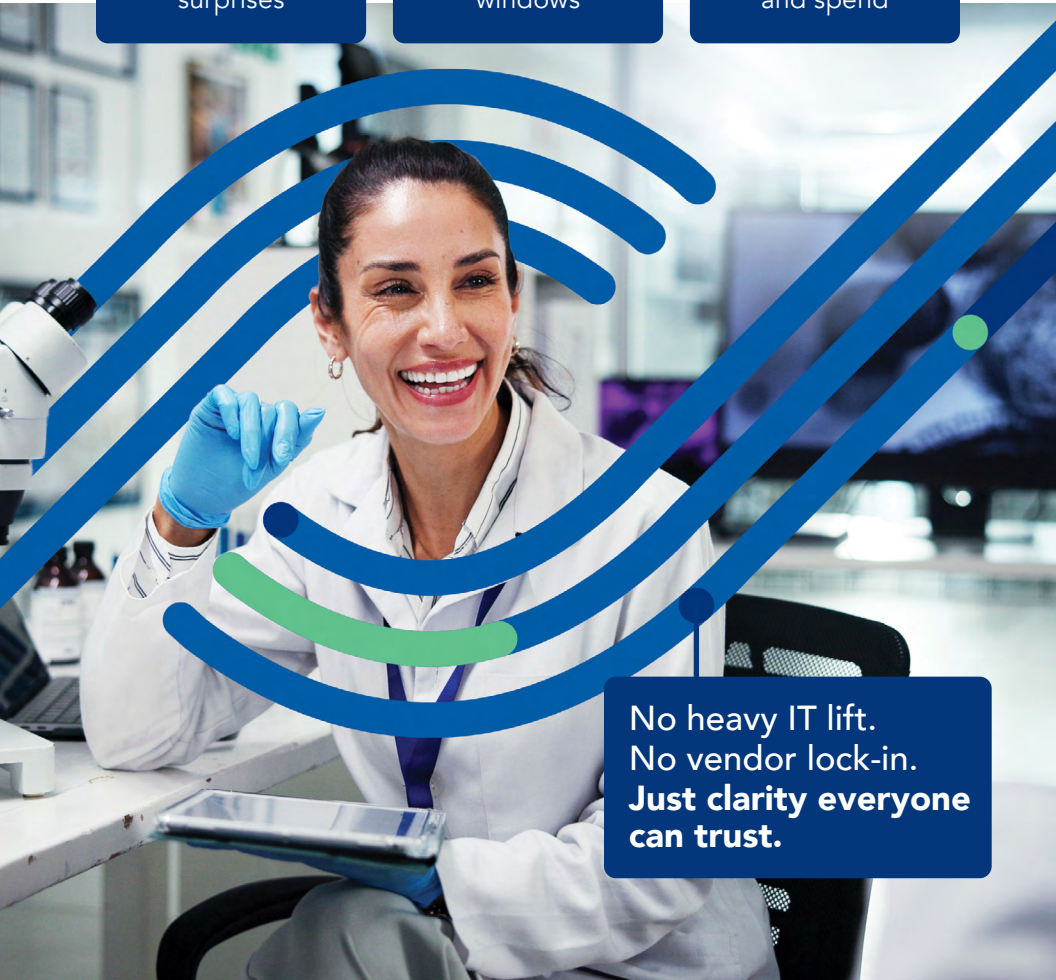
Clear, audit-ready records and fewer surprises

### Facilities:

Early warnings and smoother maintenance windows

### Leadership:

Evidence for smarter planning and spend



No heavy IT lift.  
No vendor lock-in.  
**Just clarity everyone can trust.**

# What We Deliver



## Monitoring and Asset Tracking

Keep critical assets safe with continuous, multi-metric coverage and configurable alerting you can trust:

- Monitor temp, humidity, CO<sub>2</sub>, differential pressure, vibration, light, and more
- Get audit-ready contextual alerts, histories, and notes that speed investigations
- Stay prepared using a GxP-ready system, with traceability and role-based access



## Equipment Utilization

Plan maintenance and capital spending based on real usage, not estimates:

- See run time, cycles, and idle/offline windows
- Find off-peak periods and shift loads
- Gain evidence for capital planning and contract decisions



## Equipment Criticality

Focus time and budget on what matters most to your organization's process:

- Evaluate assets by impact, redundancy, and risk
- Prioritize monitoring, preventative maintenance, and replacements
- Pair criticality data with trends to catch drift before it becomes downtime

# How Teams Use Our LabOps Solutions



## Cold Storage

Know when a unit is “in range” but not quite right. See asset behavior over time, triage risk, and [act before failure](#) with guidance from our AI-Powered Freezer Health Score.



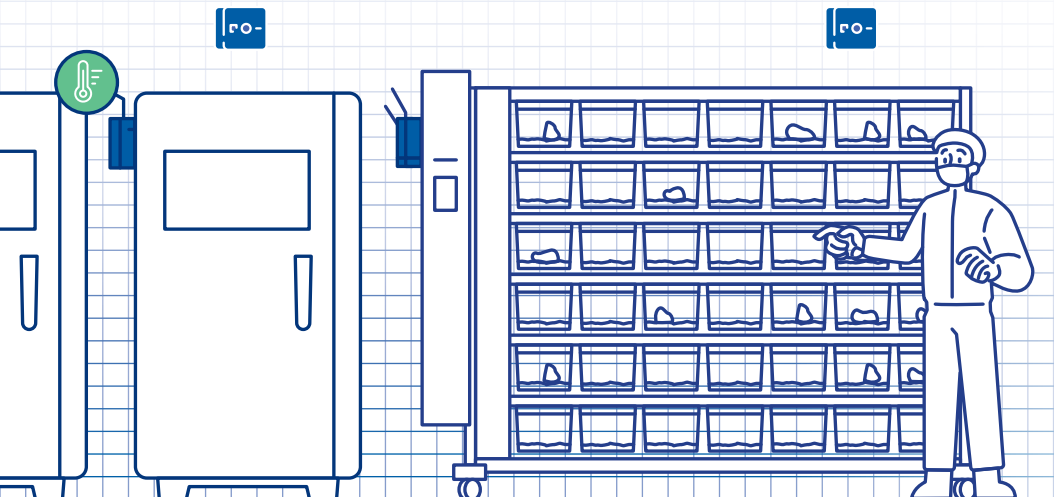
## Clean Rooms

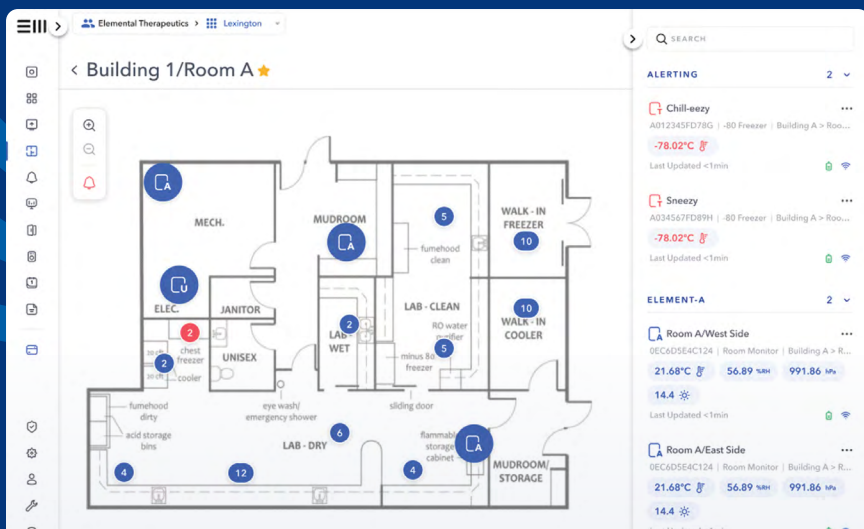
Track differential pressure, temperature, and humidity with clear alert paths and audit histories across rooms and sites.



## Vivarium

Monitor environmental and light conditions 24/7 with custom views matched to your facility and protocols — support animal welfare and compliance.





## Floorplans & Dashboards

Put everything in one intuitive view: drop devices on a map, create custom dashboards by team or room, and discover the instrument(s) behind trends.



## Business Intelligence (BI)

Turn integrated lab data into practical answers you can act on:

- Detect usage patterns and plan preventative maintenance/staffing
- Compare run duration and utilization by category or instrument
- Share scheduled data summaries



## Built for Regulated Work

- GxP-ready time stamps, tamper-evident records, and access controls
- Connect with [MES](#), [QMS](#), [CMMS](#), [LIMS](#), [ELN](#), and [EBR](#)
- Tailor dashboards and alerts easily



## Get Connected in a Hurry

Our solutions work with what you already use:

- **Quality & production:** MES, QMS, LIMS, ELN, EBR, and CMMS
- **Data & analytics:** Export to warehouse/BI; schedule reports; share securely
- **Security & governance:** Role-based access, audit trails, and site-level controls

## Go From Reactive to Proactive

Start with live monitoring and simple alerts. Add utilization, criticality scoring, and BI views when you're ready.

***Advance with the same platform, same source of truth.***

# Outcomes That Matter

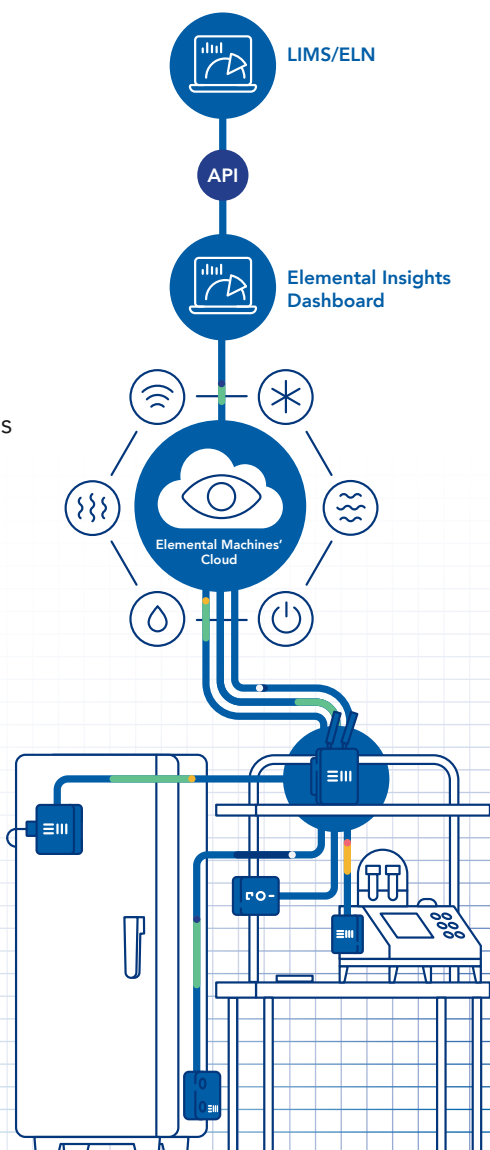
When the right context is visible, teams see gains such as:

- Earlier detection and better maintenance scheduling = less downtime
- Lower energy spend via off-peak power downs
- Faster investigations — shared histories tied to assets and locations
- Clearer capital planning with real utilization, not assumptions

## Why Leaders Choose Us

Enterprise teams pick Elemental Machines because we pair the realities of lab life with scalability:

- Built by scientists and engineers who know labs inside and out
- Vendor-agnostic connectivity across mixed fleets (brands and eras)
- Practical dashboards that move teams forward confidently



## Experience It Yourself

We put our money where our mouth is.

[Request a free demo kit.](#)





# Experience Elemental Machines' LabOps Solutions

See monitoring, utilization, and  
floorplans on your equipment, with your data.



[Get Your \*\*Free\*\* Trial Kit](#)

## Elemental Machines

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### Other questions?

[Talk With Our Team](#)

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