

Lab Monitoring From Incubator to Enterprise:

Control Your Research, Control Your Science,
Control Your Results

10 Things to Know Before You Leave the Incubator

Moving from an incubator space to your own facility is a major milestone — a sign your research and business are gaining momentum. But without the right lab monitoring and device management plan in place, it can also put your research at risk. In fact, the most common (and costly) mistake that companies make is neglecting monitoring altogether after they move out.

Here, we provide the [lab monitoring](#) steps that every life sciences startup should take to preserve data integrity, maintain business continuity, and avoid preventable losses during this transition.

From Incubator to Independence: 10 Steps to Protect Your Science

1. Keep Monitoring Continuous

Monitoring protects your research from unexpected losses due to power failures, equipment issues, or environmental fluctuations. For cold storage alone, the cost of failure can be catastrophic, potentially costing months of work or hundreds of thousands of dollars in reagents, samples, and data.

2. Plan Your Setup Early

Take advantage of expertise. A quick 15-minute meeting with an Elemental Machines team member will share:

- How simple it is to install and configure your devices
- Set up new, customizable alert rules
- Wi-Fi network settings requirements
- How to set up and customize your dashboard for your new environment

3. Explore Community Support

Tap into industry LabOps networks and communities for practical insights and peer-to-peer support. We recommend joining [LabOps Unite](#), a global community where LabOps professionals across industries come together to trade ideas, offer guidance, and share resources.

4. Prepare for Power Outages

Even brief outages can lead to big losses, so make sure your most critical equipment stays protected:

- Know which equipment should go on emergency power (hint: [cold storage](#) first)
- Remember that gateways include a 6-hour battery backup to help maintain monitoring during outages





5. Know What You'll Need

You may need to purchase gateways or additional hardware that were previously provided by your incubator. Talk to us for a hardware checklist, so you'll know what you need and when.

6. Export Your Data Before You Leave

Download your device names, alert rules, and historical data as a CSV file before moving to avoid loss of configuration and visibility.

7. Install Smart, Stay Flexible

Ease of use matters. At Elemental Machines, our magnetically mounted, battery-powered devices make it simple to install without tools. Thermocouples can thread through door hinges, so you can monitor sealed environments without compromise.

8. Stay Connected

Ensure you have your new Wi-Fi network name, password, and visibility status prior to moving to streamline device reconnection (most important for Element-C and Element-D).

9. Set Priorities

Not everything needs monitoring right away. Start with what would devastate your research if compromised (e.g., freezers, incubators), then add coverage for secondary assets.

10. Understand Your ROI

Monitoring might cost a few hundred dollars per unit. Replacing lost samples or research? Tens of thousands. The value of monitoring far outweighs the risk of going without it.

Moving Doesn't Mean Starting Over

Elemental Machines has helped hundreds of early-stage companies make the leap from incubator to independent lab without missing a beat. It's part of our design: [Our platform](#) is purpose-built to scale with your science from incubator to enterprise.

Want Lab Monitoring Support for Your Move?

Schedule your pre-move consultation today.

[Get Support](#)

About Elemental Machines

Elemental Machines' Intelligent Operations Platform leverages the best of Internet of Things (IoT) technology and custom hardware/software solutions, delivering actionable insights to operators in life sciences, biopharma labs, biobanks, analytical labs, and manufacturing facilities. By connecting the physical and digital worlds, the platform simplifies, optimizes, and augments operations. Leaders in science, facilities, and technology trust Elemental Machines' ecosystem for insights that accelerate innovation, predict outcomes, and shift from reactive to proactive management. With scalable solutions from incubator to enterprise, custom integrations to fit each operation's unique needs, and a wide ecosystem of partnerships, Elemental Machines ensures operational excellence and the future-proofing of lab and manufacturing processes.