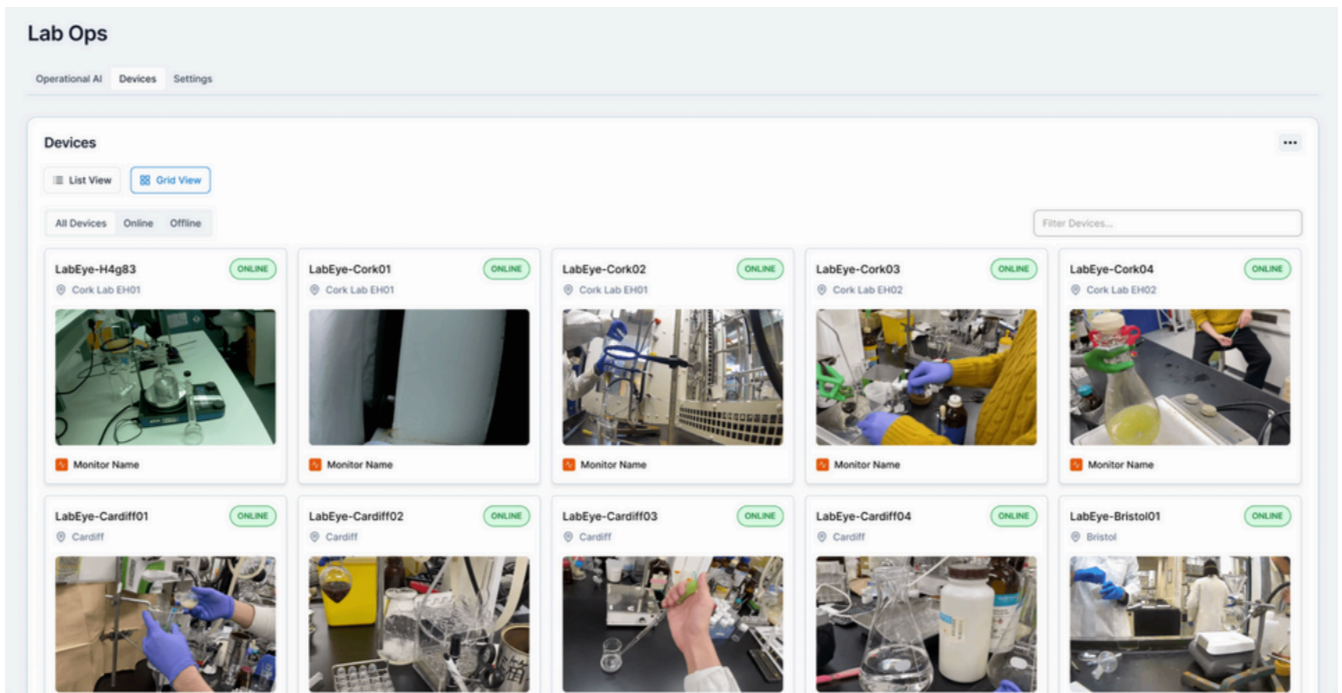# LabOps

eLuminate the limitations in your lab & get scientists back to science with LabOps

LabOps is designed to streamline laboratory operations, focusing on efficiency and precision. With continuous real-time monitoring, Lumi ensures data accuracy, process control, and timely interventions to prevent downtime.

The safety and event alert system enables early detection of issues, prioritises responses, and generates insights from alert patterns. LabOps optimises lab management, enhances safety, and gets scientists back to science, to focus on more critical and advanced tasks.

LabOps

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Lab command centre

- Setup in minutes with centralised configuration for seamless intelligence deployment.
- Unified status reports on a single page with key event indicators for quick lab process insights.
- Enhanced video logs that spotlight critical observations, streamlining event review.

Continuous monitoring

- Elevated data accuracy with consistent, evidence-backed entries for enhanced audits, quality assurance, and traceability.
- Enhanced process control for precise maintenance of experimental conditions with real-time data flow for immediate adjustments.
- Timely interventions and predictive maintenance with customizable alerts for prompt corrective actions, minimising downtime and preventing data loss.

Safety & event alerts

- Early issue detection with real-time tracking of malfunctions and deviations, ensuring immediate response before problems escalate.
- Optimised time utilisation by enabling unattended experiments and parallel runs, freeing lab personnel for other tasks.
- Prioritised alerts ranked by severity and impact, ensuring a more organised and effective response strategy
- Insight generation through analysis of alert patterns and outcomes to provide valuable insights.

lumi.systems