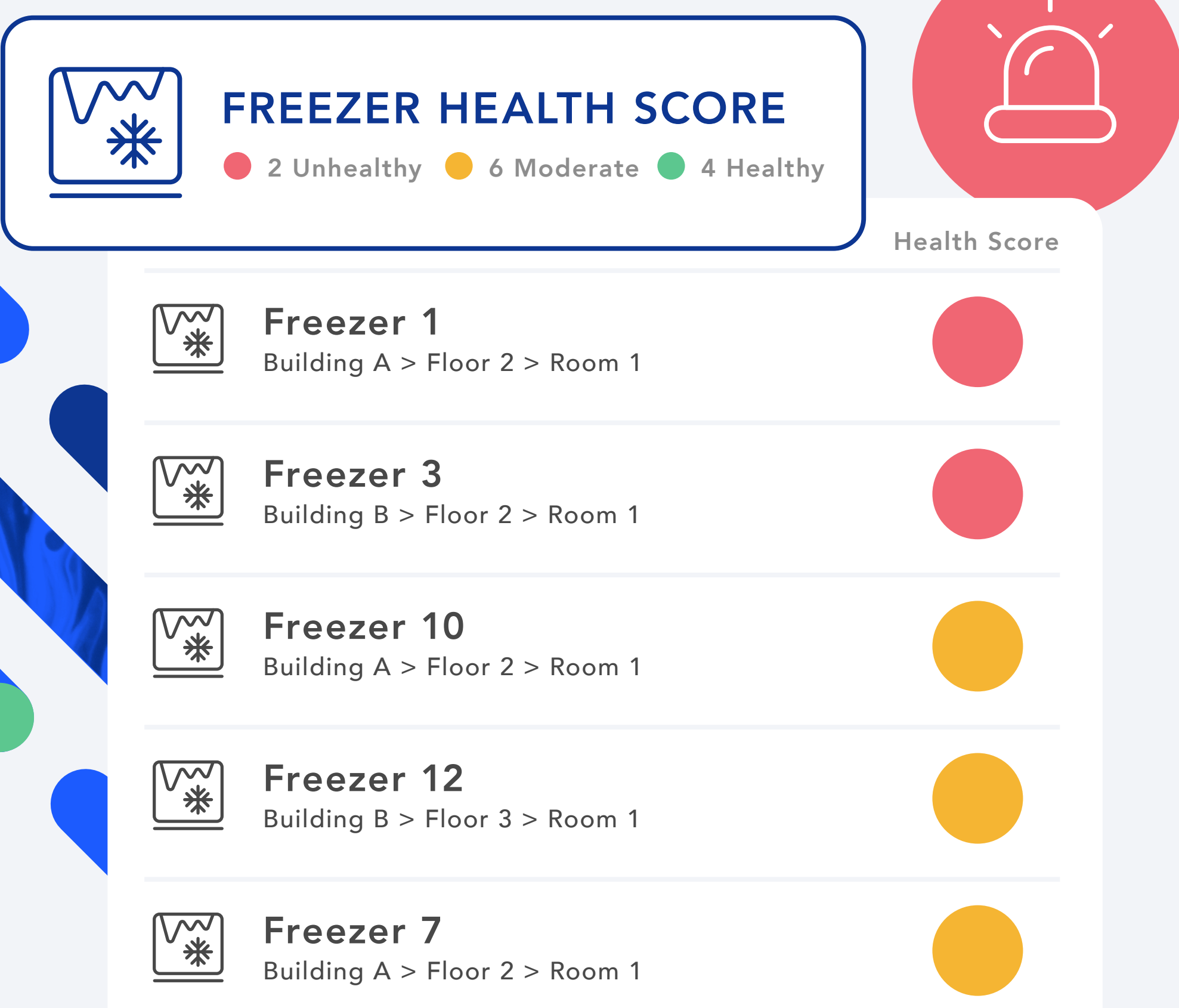


Elevating Equipment Health With AI



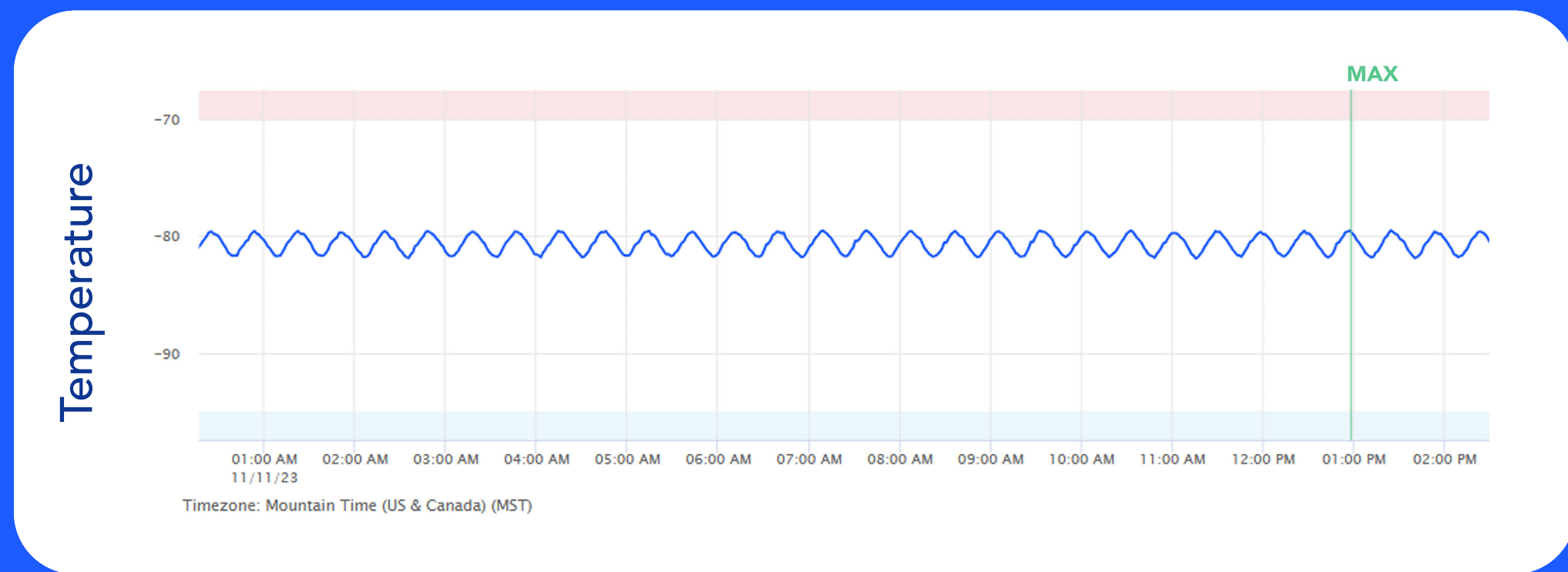
A Closer Look at Elemental Machines' Health Score

In scientific research and manufacturing, the performance of your equipment can be the linchpin of operational efficiency and reliability. When equipment performance begins to deviate from optimal, you need to know ASAP — before the consequences start piling up.

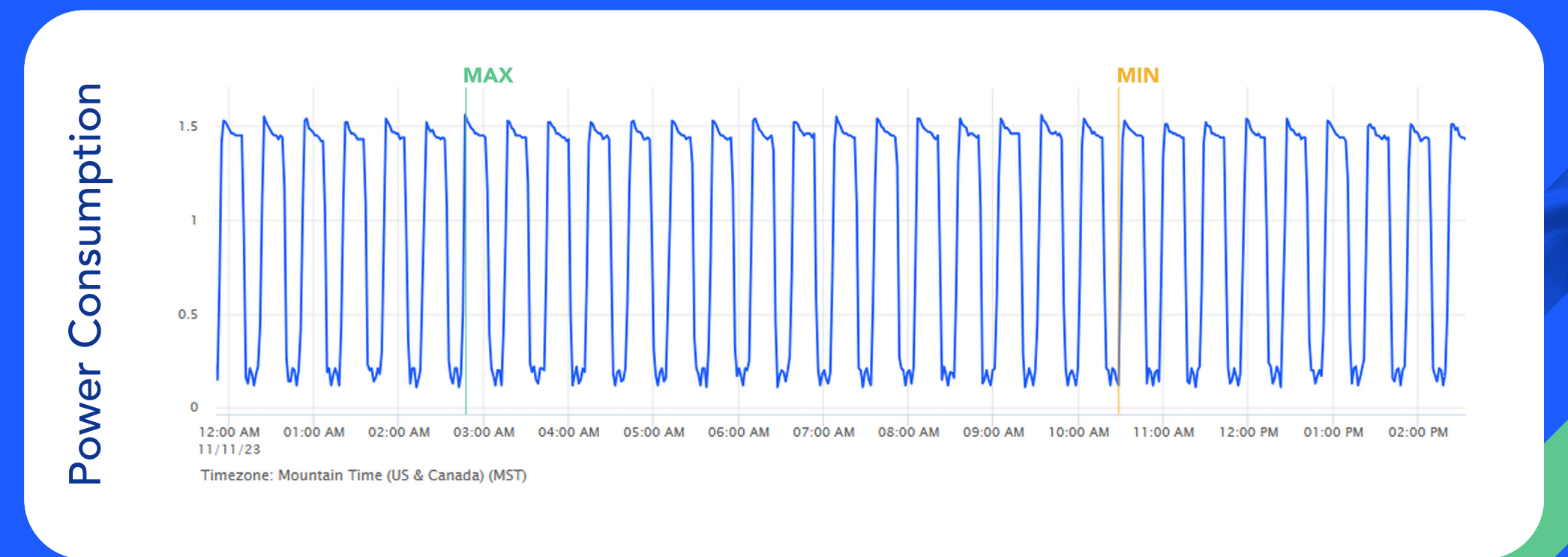
Elemental Machines' AI-Driven Predicted Health Score is designed to safeguard your progress by offering an unprecedented view into the health of your equipment, enabling optimized calibration cycles, condition-based maintenance, and more. Because so much hangs in the balance, -80°C freezers (ultra low temperature) are the perfect model for the impact of our Health Score monitoring capabilities.

Ideal Freezer Performance

Temperature Profile — A clean, tight, and periodic pattern indicates optimal freezer health



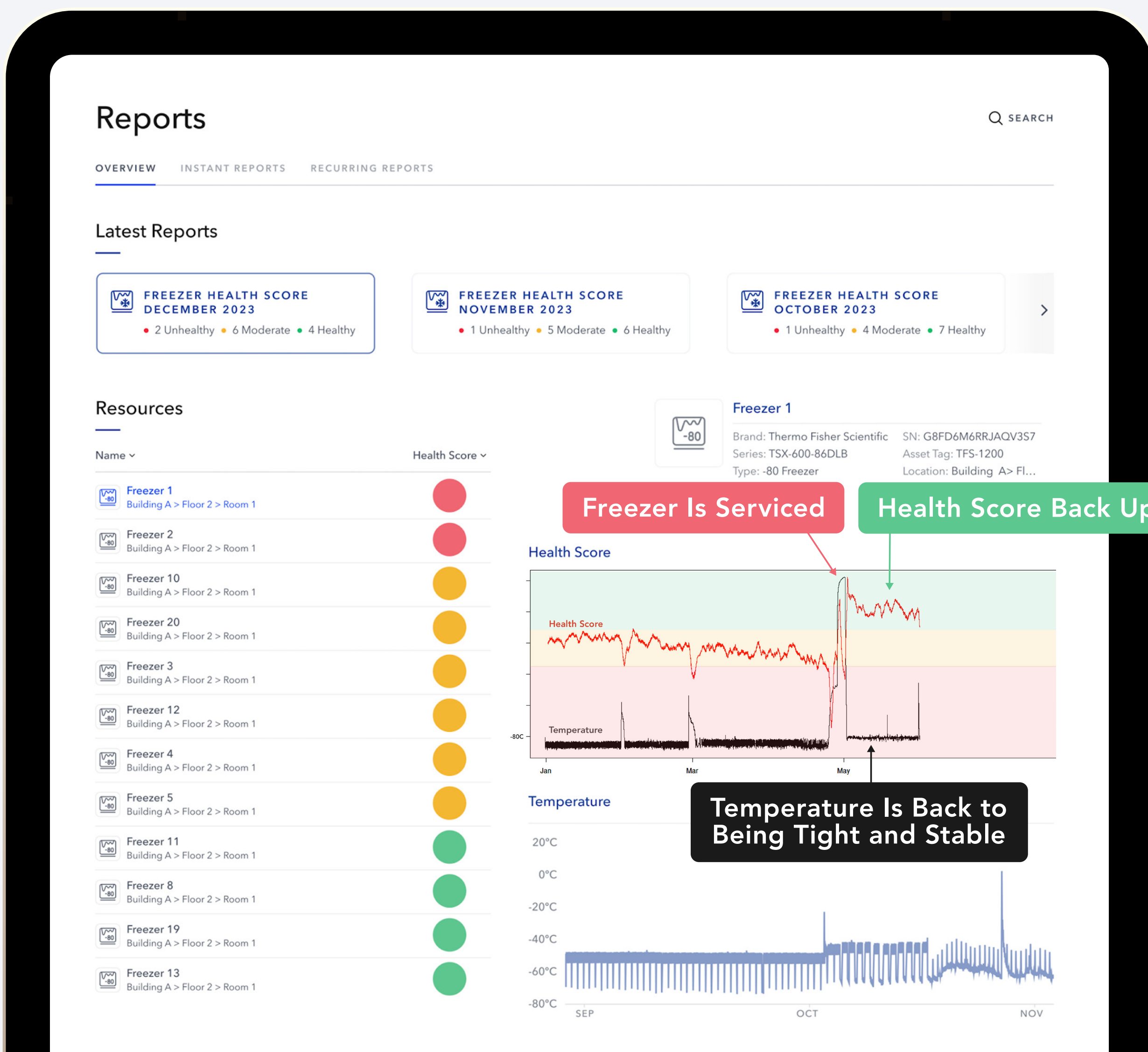
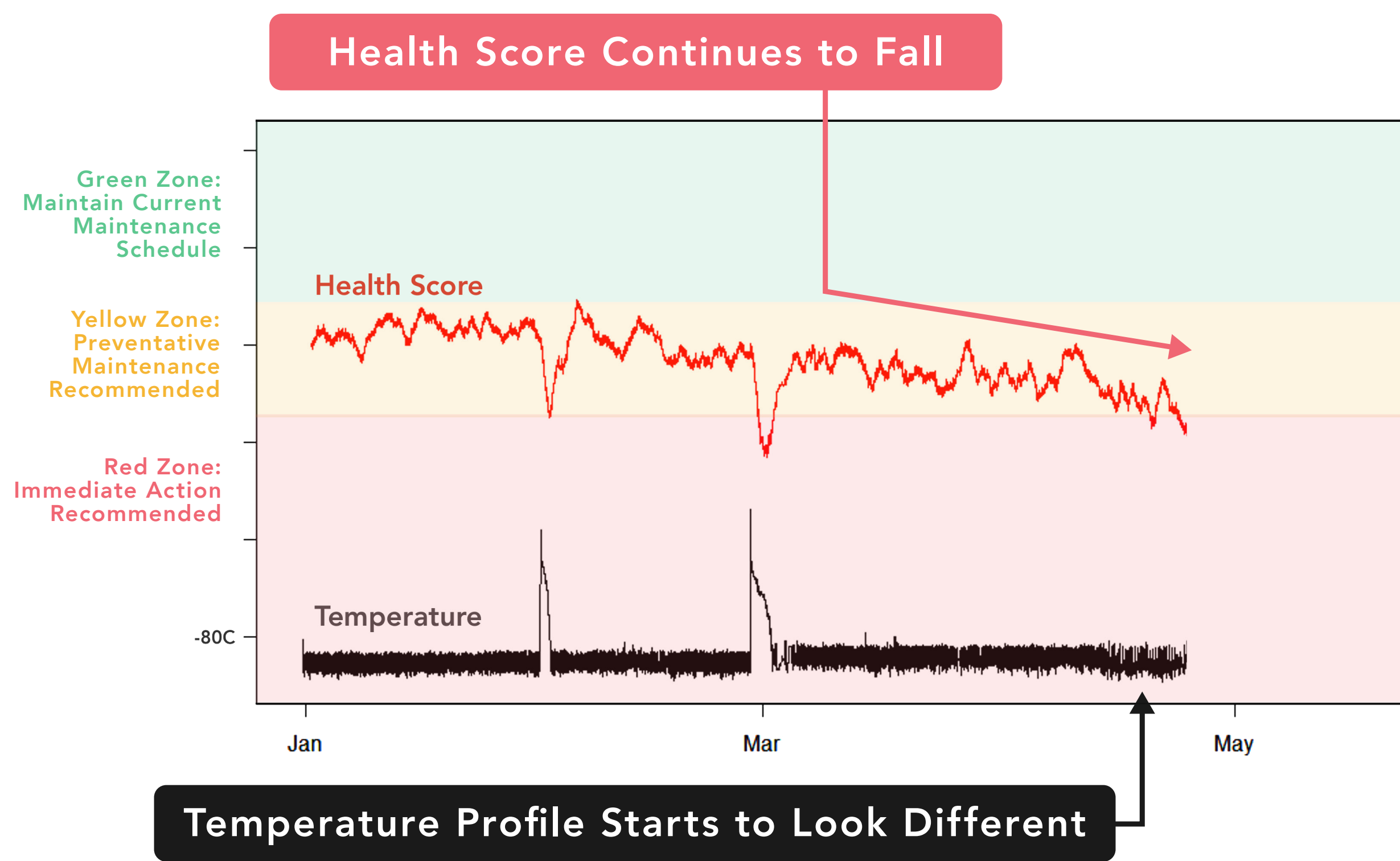
Compressor Power Profile — A reflection of energy efficiency and stable operation, following the temperature's periodicity



Proactive Maintenance With AI Predictions

Detecting Anomalies That Escape Threshold Alerts

While traditional alerts notify you when parameters exceed set thresholds, they can miss subtler signs and early indicators of impending equipment issues. Elemental Machines' Health Score delves deeper, utilizing AI to analyze data patterns and predict issues before they escalate, ensuring that your operations remain uninterrupted and efficient.



Recovery and Reporting

Restoring Equipment Health With AI-Powered Insights

Recovery is as crucial as detection, and our Health Score helps you achieve it. With AI-enhanced clarity, you cast your vision into the future, allowing you to service and restore full equipment functionality before costly outcomes occur.

Informative, Intuitive Reports

Elemental Machines' approach emphasizes not just the resolution of immediate issues, but the ongoing optimization of equipment health through improved calibration cycles and condition-based maintenance, enhancing your operational resilience and efficiency over the long haul.

Ensuring Uninterrupted Innovation With Elemental Machines' AI-Predicted Health Score

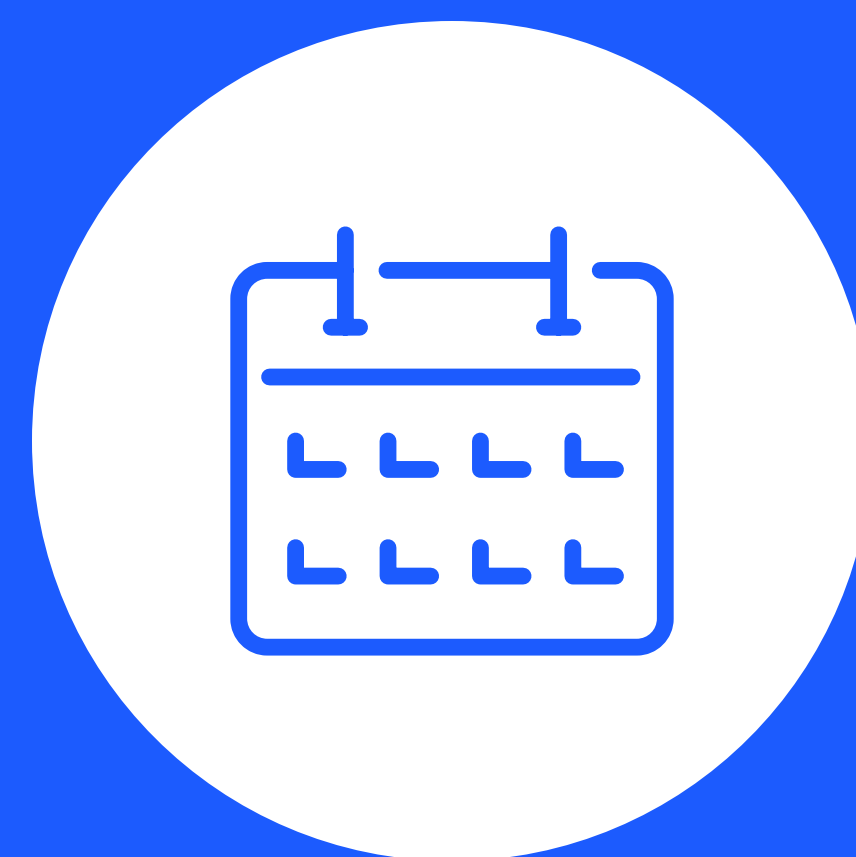
Proactive equipment care:



Prevents downtime and protects critical experiments



Safeguards valuable samples from unexpected equipment failures



Optimizes maintenance with predictive scheduling

Don't React. PREDICT.

Want to increase the performance and life span of your critical assets? Transform your approach to equipment health with Elemental Machines' Health Score. Secure your operations and drive innovation forward.

ELEVATE YOUR SCIENCE