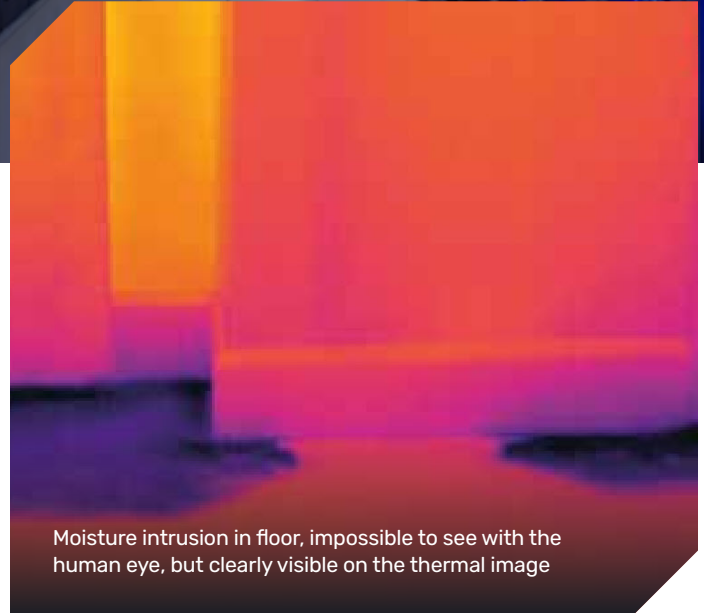


Keep Your Data Center Running Longer, Safer, Stronger

Over 70% of outages in data centers stem from preventable power and cooling failures.

At MultiSensor AI, we focus on eliminating those risks through multi-sensor condition monitoring with reliability ideology—bringing together sensors, software, and service into one connected platform.

With more than 30 years of condition-based-monitoring experience, MSAI helps data centers proactively identify threats, improve safety, and extend asset life through the only multi-sensor condition-monitoring platform proven at global scale.



SUCCESS STORY

Hyperscale Data Center

After a \$3.4M thermal event, a hyperscale data center implemented the MSAI Solution across UPS corridors and switchgear. 14 FMX-400 cameras, linked through the MSAI Hub and MSAI Connect, now deliver real-time anomaly detection and automated maintenance alerts.

Results:

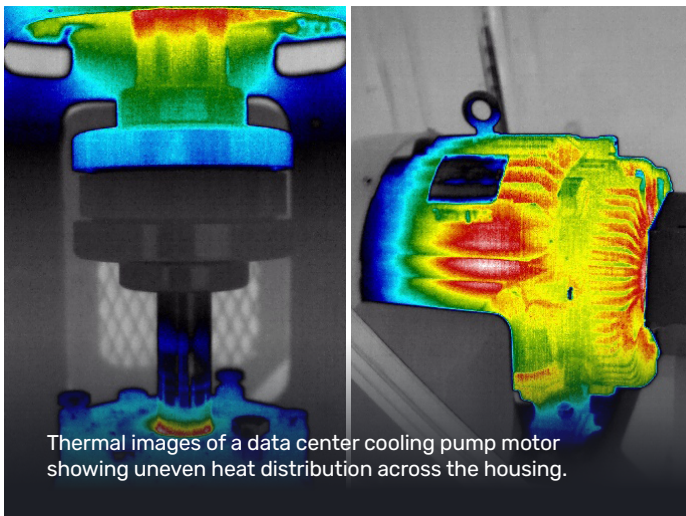
- Zero thermal incidents since deployment
- 11.4x ROI in the first year
- 15% lower insurance premiums from verified risk reduction

Advanced Early Detection Capabilities

- Detect small liquid-cooling system leaks before they become catastrophic failures.
- Identify overloaded or overheating electrical systems before they escalate into fire hazards.
- Detect inefficiencies or leaks in air-cooling systems that increase operating costs and reduce thermal efficiency.
- Detect leaks in liquid-based or alternative backup power systems that can lead to costly downtime.
- Identify fuel storage tank leaks that pose safety and operational risks.
- Detect humidity or condensation anomalies that threaten sensitive IT and electrical equipment.

MSAI Condition-Based Monitoring Solutions for Data Centers

Our technology protects critical infrastructure for Fortune 500 operators in logistics, manufacturing, and data-center environments—where uptime is mission-critical. Within data centers, MSAI monitors the systems that keep servers powered and cooled: electrical panels, UPS batteries, chillers, CRAC units, pumps, and backup-power assets. A dedicated Data-Center Reliability Engineering team ensures every deployment delivers measurable ROI, safety, and uptime gains.



Early Threat Detection Solutions: Detect moisture, heat buildup, smoke, or fire hazards before they escalate. MSAI's multi-sensor condition-monitoring platform continuously scans power supplies, electrical equipment, cooling systems, cable trays, battery banks, and server racks to detect anomalies before they become significant issues impacting operational uptime.



Electrical Panel Monitoring (EPM) Solutions: Continuously monitor energized panels and switchgear—detecting thermal anomalies, arcing, and overloads remotely without the need for periodic inspections.



Reliability Maintenance Engineering: Predict mechanical and electrical degradation before failure. 24/7 condition-based insight replaces routine inspections with data-driven maintenance—extending asset life and cutting reactive repairs by up to 40%. In data center environments, this leads to a measurable ROI by virtually eliminating downtime.

Why Data Centers Choose MultiSensor AI

- **Multi-Sensor Integration:** Thermal, optical gas imaging, and visual data – unified in one platform.
- **AI + Human Insight:** Person-in-the-loop validation ensures actionable alerts, not noise.
- **Fast Deployment & Time-to-Value:** Typical installation under four weeks; ROI within two months.
- **Reliability Partnership:** Our reliability experts guide customers from design all the way through deployment and optimization.
- **Proven at Global Scale:** Deployed across numerous hyperscale, colocation, and enterprise sites.



About MSAI. MultiSensor AI builds and deploys intelligent multi-sensing platforms incorporating edge and cloud software solutions that leverage artificial intelligence. MSAI's integrated solutions utilize data generated from an array of sensors and sensor modalities including high-resolution thermal imagers, visible and acoustic imagers, as well as vibration and laser spectroscopy sensors, to protect customers' most critical assets. MSAI's platform combines condition-based monitoring data with proprietary edge and cloud software to generate actionable insights that, we believe, minimize unplanned downtime, reduce maintenance costs, prevent hazards, and extend asset life.

Detect Sooner. Respond Faster. Perform Stronger. [Book a Demo](#) | www.multisensorai.com