



ProSource
we clean the cloud.

AIR QUALITY MONITORING

ThinkLite 

Continuous Air Quality Monitoring for Data Centers



Continuous Monitoring + Air Treatment + Critical Cleaning

ProSource now offers a more complete indoor air quality support program for mission critical data centers through our partnership with ThinkLite Air.

Protect your critical environment with a bundled program that helps you continuously monitor airborne conditions, respond to elevated particulate and VOC levels, and maintain cleaner operating conditions in sensitive data center spaces.

This solution combines continuous IAQ monitoring, active air treatment, and specialized contamination control cleaning support into one managed service relationship.





Why ProSource + ThinkLite Air

ProSource specializes in cleaning mission critical data center facilities across the United States. We bring decades of specialized experience, flexible service delivery, trained technicians, and a quality focused process built specifically for critical environments.

Now, through our partnership with ThinkLite, ProSource can help customers do even more by adding continuous air quality visibility and active response options to existing critical cleaning programs.

Why Now for HPC Environments

As data halls become more dense, high-performance environments depend on clean, controlled airflow to support equipment reliability, cooling performance, and long-term infrastructure protection.

When airborne particulate or VOC conditions rise, operators need better visibility and a practical response path.

Our bundled solution helps customers by combining

- Continuous monitoring of conditions
- Data analytics and trend visibility
- Active air purification as required
- Cleaning support for critical environments



Why Continuous Monitoring is Important

The link between high concentrations of very small particulate matter and hardware failures in data centers is often missed, with compromised indoor air quality frequently the culprit.

Maximize Efficiency and Performance

GPU manufacturers have strict source air requirements including maintaining particle counts below specific levels to avoid the negative impact they have on equipment performance and life cycle.

Extended Equipment Life Cycle

Continuous air monitoring with autonomous air purification correction yields extended equipment life cycles.

Warranty Compliance

Manufacturer's eligibility for warranty claims based is based on exposure to particulate contamination. Continuous monitoring provides historical data to successfully validate warranty claims.

Continuous monitoring with real-time alerts and autonomous purification offers greater protection for equipment compared to annual compliance and spot checks.



What We Provide

ProSource combines important capabilities into a coordinated program that can be bundled as one managed service.

Continuous Air Quality Monitoring

ThinkLite equipment continuously monitors indoor air quality in designated critical spaces, providing better visibility into airborne conditions inside data halls.

Air Quality Data Analytics

Air monitoring dashboards help manage indoor air quality, providing clear insights and actionable data to enhance critical environments.

Air Purification Treatments

When monitoring reveals elevated particulate or VOC conditions, air purifiers can be incorporated as an active air treatment measure to help improve conditions.

Contamination Control Cleaning

ProSource supports critical environments through specialized contamination control cleaning services designed to safely remove contamination buildup.



Flair Indoor Air Quality Monitor



- Continuously detects, analyzes, and reports indoor air quality metrics from critical locations
- Counts and logs particles of all sizes to ensure 24/7 compliance to 14644-1 Class 8 standard
- Integrates with Building Management Systems (BMS) for autonomous air purification correction
- Covers up to 5,000-10,000 sq feet

Flair Outdoor Air Induct Monitor



- Continuously monitors the primary source of contamination from outdoor air economizers
- Integrates with Building Management Systems (BMS) to adjust ventilation to limit outdoor contamination
- Based on real-time site-specific outdoor air data versus the nearest meteorological site.
- INstalled in the supply air ducts.



Airlytics® Air Quality Analytics Dashboard



- Comprehensive reports to help you gain insights to make data-driven decisions
- Identify variations and patterns from multiple Flair IAQ monitors to effectively optimize your indoor air quality
- Set and monitor personalized Key Performance Indicators to meet your unique air quality goals
- Receive notifications for device status and air quality metrics to ensure prompt response to any issue
- Data security and privacy with robust encryption protocols

ICON M Air Purifier



- 99.9999% medical-grade air purification to 0.1 micron
- Prevents sulfur contamination (copper sulfide, Cu₂S)
- Prevents silver contamination (silver chloride, AgCl)
- Treats up to 5,000 sq feet with 5 air exchanges per hour
- Portable, free standing unit and takes up < 2.5 sq feet

Flexible Service Options

Monitoring Only

Continuous IAQ monitoring, equipment lease, installation and commissioning, and dashboard visibility.

Monitoring + Air Treatment

Monitoring plus the ICON M air purifier for customers who want both visibility and a direct response option when conditions indicate a need for improvement.

Monitoring + Air Treatment + Critical Cleaning

A complete monitor, treat, and maintain program delivered through one managed service relationship.

Benefits

- Respond when particulate or VOC levels trend upward
- Support cleaner air conditions for sensitive equipment
- Integrate monitoring into existing maintenance plan

Schedule a Critical Environment Site Assessment

Let ProSource review your data hall environment, discuss your current cleaning and contamination control practices, and recommend the right monitoring, air treatment, and cleaning support program for your facility.

