

# Healthcare's Trusted Negative Pressure Room Monitoring

## Differential Air Pressure Monitoring for Clinical Environments

Prevent airborne contagions from circulating your healthcare facility with 24/7 electronic hospital room pressure monitoring. Often used in key compliance areas such as isolation rooms and surgery suites, audible and visual alerts immediately notify staff of any unsafe conditions.

Request a Demo View Solution Brochure

Actively and reliably monitor for unsafe changes in differential air pressure for infection control and compliance

Through wireless LCD display sensors and real-time alerting functionality (email, text, visual and audible indicators on the device, etc.), CenTrak's DAP monitoring solution facilitates immediate corrective action by staff if environmental conditions begin to destabilize. Keep patients, staff, and visitors safe through proper containment of dangerous airborne diseases.

Manually monitoring and documenting air pressure changes is time-consuming and can put your facility at risk

Manually recording DAP measurements is not precise or timely enough to inspire confidence that your facility is compliant with all room pressure guidelines. It is also time-consuming for staff who could otherwise be focused on value-added tasks.

CenTrak's always-on automated DAP monitoring solution gives you the accuracy and reliability you need

CenTrak's environmental monitoring solution provides the continuous DAP data needed for an effective infection prevention strategy. Our enterprise-wide, end-to-end solution includes LCD-display sensors, comprehensive software applications, and NIST certification services. Automatically build compliance reports and reliably measure differential air pressure, temperatures, and ambient humidity levels throughout your facility.

With CenTrak we always have immediate insight into how our negative pressure isolation is working.

Join the hundreds of healthcare facilities who've made the switch

See how CenTrak can help.

Request a Demo

Stay on top of DAP measurements

Ensure patient and staff safety from infectious pathogens.

Safety Monitoring

Real-time alerts for immediate corrective action.

Reliable Alerts

Multi-year battery life with single AA with low battery warnings.

## Unmatched Precision

NIST traceable calibration by CenTrak staff of certified partner.

## Simple Implementation

Easily installed on the exterior of the monitored room.

Integrate your environmental monitoring with a single enterprise solution

Optimize monitoring of hospital room environments with CenTrak's wireless, real-time differential air pressure monitoring system. Receive immediate notifications when conditions change and take action to protect patients and staff.

### - Differential Air Pressure Sensors

Reduce infection risks to patients and staff members

Often used in patient isolation rooms, surgical operating rooms, and sterile processing departments, Differential Air Pressure sensors provide real-time monitoring of airflow to detect pressure changes between adjoining rooms or hallways. This prevents airborne pathogens from circulating the facility to reduce infection risks.

- Dual-port pressure sensor to accurately monitor pressure between adjoining areas
- Built-in LCD display allows for immediate data viewing, alarms, and local alert settings.
- Configurable reporting & measurement rates (5 to 60 minutes)
- 2-year battery life with low-battery alert feature

## Request Sensor Samples

- Real-Time Alerting

Continuous visibility into critical care and other sensitive areas

Alert notifications are based on sensing values, sensor status (probe disconnect, low battery), and process breakdowns. Real-time alerts and custom escalation paths enable staff to take action when conditions begin to fall outside of safe parameters. Corrective actions performed are automatically logged in the system for sensor and alert management. With an Active Directory integration, notifications can be routed based on staff scheduling and user permissions. Rapidly configure hundreds of sensors, alerts, and users through a simple import/export tool. Alerts are sent via:

- SMS/MMS
- Email
- Phone Calls
- Alarm, Lights, Strobes

## Request a Demo

- Regulatory Reporting

Auto-generated compliance reporting frees up staff from manual monitoring tasks

CenTrak software automatically and reliably generates a variety of compliance reports and sensor history audit logs, based on a custom grouping (i.e., departmental views) or individual devices. Eliminate the need for costly manual documentation and the potential for human error with automated temperature and environmental monitoring solutions for healthcare.

- Joint Commission
- State Board of Health
- FDA 21 Code of Federal Regulations (CFR), Part 11

Request a Software Demo

- Environmental Monitoring Technology

Scalable technology platform to support the enterprise

The system can operate under various network configurations, such as CenTrak UHF (i.e., 900 MHz) and/or Wi-Fi (Cisco CCX, Aruba ACX, UDP) including support for WPA2 Enterprise deployments. Sensors support over-the-air firmware upgrades, are fully configurable in the field, and feature BLE connectivity to support a simple setup process.

Request a Demo

CenTrak technology also supports:

- Asset Tracking and Management
- Clinical Workflow Automation
- Staff and Patient Safety
- Differential Air Pressure Sensors

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What are you waiting for? Schedule a demo today.

With the industry's most scalable and robust Real-Time Location System (RTLS), CenTrak has helped over 2,000 world-class healthcare facilities increase productivity, streamline workflows, drive higher patient and staff satisfaction, and reduce costs.

First Name \

Last Name \

Email \

Phone Number \

Company Name \

If part of a healthcare network, please also include the facility name

Company Type \

Select an option  
End-User Partner A&E/Consultant Vendor Other

Questions/Comments

Submit