

## Environmental & temperature monitoring

Several departments within healthcare facilities, biotechnology, and pharmaceutical companies must ensure compliance with a broad range of regulatory requirements. CenTrak's Environmental Monitoring Solution is designed to ensure critical items are stored at desired temperatures, humidity levels and differential air pressure, while eliminating the need to take 24/7 continual manual measurements.



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## At a glance:

**Vaccines** – Always meet CDC vaccine recommendations.

**Pharmacy** – Ensure pharmaceuticals are maintained at proper storage conditions.

**Clinical lab** – safeguard valuable clinical samples and reagents.

**Blood bank** – maintain precise temperature and humidity conditions to meet AAB standards.

**Sterile processing** – protect important aseptic equipment.

**Network & data closet** – effectively manage critical IT equipment conditions.

**Food service** – achieve safety and quality based on HACCP standards.

**Operating room** – ensure patient safety with OR condition monitoring.

- Reliable and accurate wireless temperature, O2, CO2, humidity and air pressure sensing 24/7.
- Generates automated compliance reports for any time period.
- Sends alerts when measurements are sensed above or below set parameters.
- Leading digital sensing and NIST certification technology enabling simple on-site probe exchange.
- Dual zone temperature probe monitoring.
- Communicates with existing Wi-Fi infrastructure and CenTrak-installed dedicated network.
- On-board storage for data (1 month) even when out of network.
- Covers a broad range of temperatures from -200 °C to 200 °C; 0.5 °C accuracy.
- Visual or audible alerts on board sensor.
- Multiple buffer types and probe lengths.
- Door ajar, dry contact liquid LN2 level alerting and 4~20Ma connectivity.
- Temperature and environmental sensors offer extreme battery life, are fully configurable in the field, and allow for wireless upgrades.
- With CenTrak's Internet of Things (IoT) sensing solution, healthcare facilities that implement environmental monitoring can easily scale to CenTrak's other Enterprise Location Services™.



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## Core Outcomes

- Reliable and accurate information.
- Recording and tracking data provided remotely eliminates the need for manual processes, enabling greater staff efficiency.
- Healthcare facilities are provided with the ability to leverage one network to ensure all departments meet compliance standards and prevent product loss.



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Find out more

Visit website: [CenTrak](#)

Literature: [Environmental Monitoring](#)

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