SONICU™
The Leader In Monitoring

OUR GOAL:
Your Peace of Mind

**Forensic Laboratories
and Evidence Storage Monitoring**

COMPLIANCE.
SAFETY.
And Reduced Manual Processes. Our commitment to your team.

Environmental monitoring is an essential aspect of research laboratories across various scientific disciplines.

In a forensic setting, it is used to ensure that evidence, ranging from human samples to fibers or objects, are kept in a state of preservation that allows them to be examined and re-examined without compromising the integrity of the sample.

Law enforcement and crime investigation labs are subject to regulatory requirements and accreditation standards, such as those outlined by ISO/IEC 17025. Environmental monitoring helps demonstrate compliance with these standards by providing documented evidence of the laboratory's adherence to proper environmental conditions

Environmental monitoring can help provide an objective record of the environmental conditions in which evidence has been stored and transported, contributing to the chain of custody documentation. This documentation is critical in legal proceedings.

Most forensic laboratory and storage facilities have thousands, if not tens of thousands, of important samples that if lost, could jeopardize an investigation, leading to reputational harm and possibly lead to a wrongful conviction or exoneration.

By implementing environmental monitoring in law enforcement and crime investigation labs, these benefits contribute to maintaining the accuracy, reliability, and integrity of forensic analyses, ensuring justice is served and supporting the investigative process.

How many years of evidence could you lose if even one freezer breaks? Can you afford to suffer such an incalculable loss?

How many guilty criminals will walk free, or innocent people will remain incarcerated, if you lose evidence due to an accident?

When the stakes are this high, you need to have a plan in place.

YOUR MONITORING MADE EASY.

ARE YOU PREPARED FOR A SURPRISE AUDIT TOMORROW?

How much time are you spending on manual processes?
How would you explain the loss of samples to your team?

Facilities that store and analyze evidence typically house a range of sophisticated and expensive equipment, such as:

- refrigerators
- freezers
- high-precision equipment such as mass spectrometers or electron microscopes

Leveraged across research for:

- sample storage
- sample identification and analysis
- DNA analysis

Environmental monitoring ensures that your samples maintain their integrity and that your instruments operate optimally, maximizing their efficiency, longevity, and accuracy.

Additionally, environmental monitoring can assist in providing early detection and warning of any malfunctions or deviations in equipment performance, allowing for preventative maintenance or repairs.

Can you afford to lose your accreditation?

Can you afford to risk severe, and possibly irreversible, reputational damage caused by the loss of evidence?

Environmental fluctuations can also pose safety risks within a laboratory setting. Certain materials may become unstable or hazardous at specific temperatures, potentially leading to accidents, fires, or chemical reactions.

Regular environmental monitoring helps identify any deviations from safe temperature ranges, enabling prompt corrective actions to prevent accidents and maintain a secure working environment.

Moreover, environmental monitoring is often a regulatory requirement in research laboratories, ensuring compliance with industry standards and guidelines.

SONICU™
The Leader In Monitoring

The finest names in life sciences and healthcare trust Sonicu with their most valuable assets.

~18,000 users from ~600 customers:
From Canada to the Caribbean and all 50 states
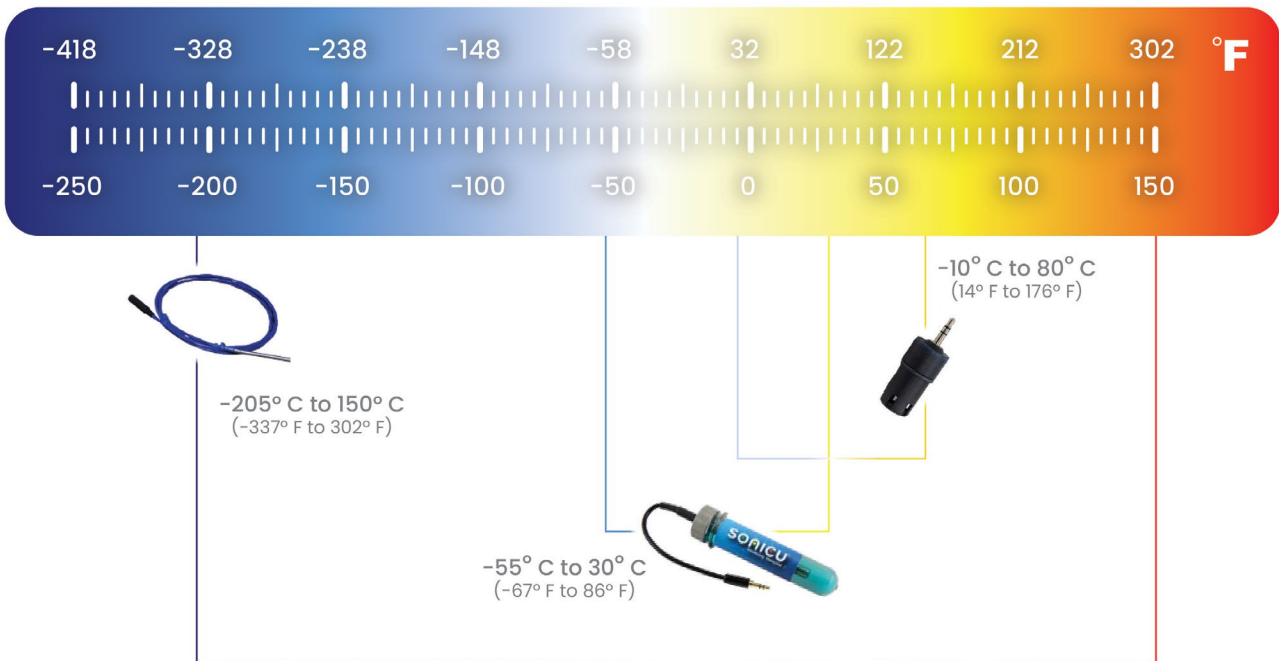
PEACE OF MIND:
Wireless, Simple & Affordable
Your samples: Connected and Protected

Typical Applications include

TEMPERATURE

Refrigerators
Freezers
Walk-In Cooler
Refrigerated Warehouse
Cold-Chain Distribution

TEMPERATURE

Blanket Warmers
Incubators
Food Warmers
Food or Livestock Producers
Industrial Applications

HUMIDITY

Compounding Rooms
Warehouses
Clean Rooms
Surgery Rooms
Research Labs

DIFF. AIR PRESS.

Compounding Rooms
Surgeries and Isolation Rooms
Clean Rooms
Construction Sites
HVAC Systems

CRYOGENIC

Cryogenic Freezers
Liquid Nitrogen Dewars
Cryotherapy
Biologic In-Vitro
Flash Freezing

INCUBATOR

Incubator
Life Science
Research

Ranges of Temperatures

| -418 | -328 | -238 | -148 | -58 | 32 | 122 | 212 | 302 | °F |

| -250 | -200 | -150 | -100 | -50 | 0 | 50 | 100 | 150 |

-10° C to 80° C
(14° F to 176° F)

-205° C to 150° C
(-337° F to 302° F)

-55° C to 30° C
(-67° F to 86° F)

AFFORDABLE AND SIMPLE MONITORING:
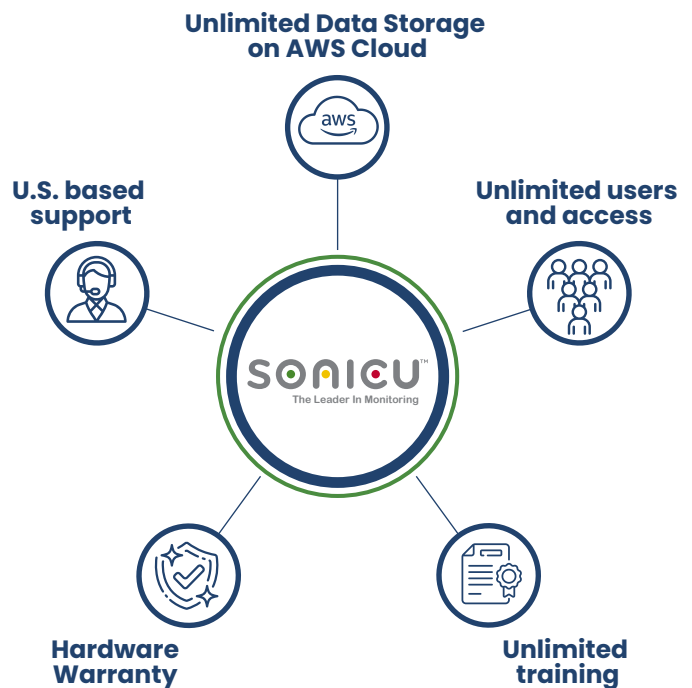## Trusted, Proven and Reliable

Sonicu's Enterprise Monitoring system is the most comprehensive and streamlined solution for warehouses and cold chain operations.

Once all the monitoring points for temperature, humidity, and other conditions are consolidated into our SoniCloud platform, your organization will have unparalleled operational visibility and peace of mind.

Our system is designed to be easy to install and simple to use, save money, and automate regulatory compliance.

With Sonicu you can customize your needs, such as unique floor plan layouts or specific cybersecurity requirements.

With our advanced temperature monitoring system, you can have peace of mind knowing that any temperature fluctuations or equipment malfunctions will be detected immediately.

Unlimited Data Storage on AWS Cloud

U.S. based support

Unlimited users and access

SONICU™ The Leader In Monitoring

Hardware Warranty

Unlimited training

"There's no way we can't have this sort of system, so then it comes down to ease of use, support and cost... It's very convenient and affordable for us how anyone can monitor diverse conditions in one software system."

Misa Hata
Laboratory Director and Regulatory Affairs Coach
Ohio University Innovation Center

SONICU PROVIDES A FULL SUITE OF MONITORING SOLUTIONS.

Research facilities need a system in place to monitor temperature, pressure, humidity and more.

If you are still using manual processes to complete these tasks, you could be saving time, money, and other precious resources. Sonicu automates these tasks for you, storing your data securely and giving you easy access from anywhere.

Sonicu's life science sector monitoring solutions consolidate all monitoring, reporting and management applications into one platform, providing superior operational visibility and uniform implementation with one cost-effective solution.

SoniCloud, Sonicu's cloud-based software platform, enables real-time access to and viewing of all monitored points in various locations throughout an entire system via a client-specific, customizable dashboard. Constant monitoring, tiered alarming, and automated logging and reporting are standardized across your entire enterprise.

"Cost competitiveness, great customer service, great control over the monitoring system, and low maintenance. You can't beat that."

Misa Hata
Laboratory Director and Regulatory Affairs Coach
Ohio University Innovation Center

WATCH VIDEO

MONITOR VIRTUALLY ANYTHING:
We help clients connect their organization to the cloud for improved operational visibility

Light Monitoring

Occupancy Monitoring

Current Monitoring

Vibration Monitoring

Leak Detection Monitoring

IAQ Monitoring

Door Close Monitoring

O_2 Detection

Refrigerant Leak Monitoring

From occupancy to water leaks, we can help you with simple and affordable solutions to better monitor your critical facilities.
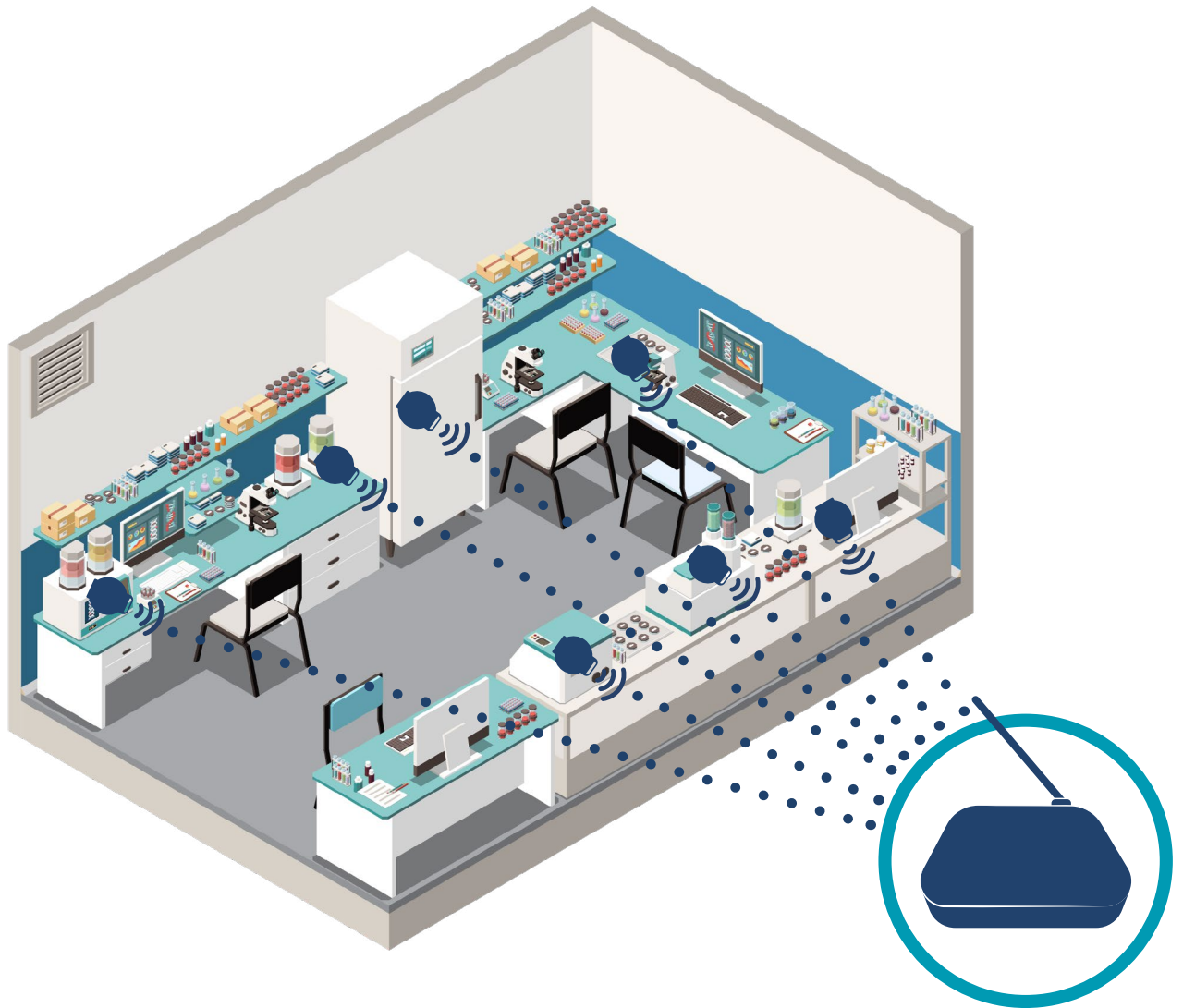
- 100% Wireless temperature (humidity available) sensor - Installs in seconds with no tools needed

- IP-67 Rated, ideal for cold storage environments

- Highly Cost-Effective - Easily scales across your facility(s)

- App-based implementation Wizard - Easy to setup

- Available w/NIST Certification - Maintain Compliance

All of Your Forensic Labs Environmental Monitoring
CONSOLIDATED ON ONE ECOSYSTEM

Sonicu provides a full suite of monitoring solutions, fully automated 24/7 remote monitoring, alarming, and reporting for cold-chain, room conditions, and virtually any custom monitoring application.

Our cloud based software, Sonicloud, gathers data to a single dashboard, giving you web-based access to critical information from anywhere.

Facilities

Alerts and alarms to you, your staff, and your facility manager via text, email, push notifications and calls.

Alert hierarchies can be customized based on your needs, whether it be a change in personnel or scheduling. Sonicu provides a wireless monitoring ecosystem to keep your organization running.

Keep your team equipped with the monitoring tools they need to be successful.

Laboratories

Some of the most crucial assets to research facility are stored in their labs. Implementing our remote monitoring system can help your staff ensure everything is running properly. Sonicu supplies monitoring for cryogenic storage, -80F freezers, incubators, and more!
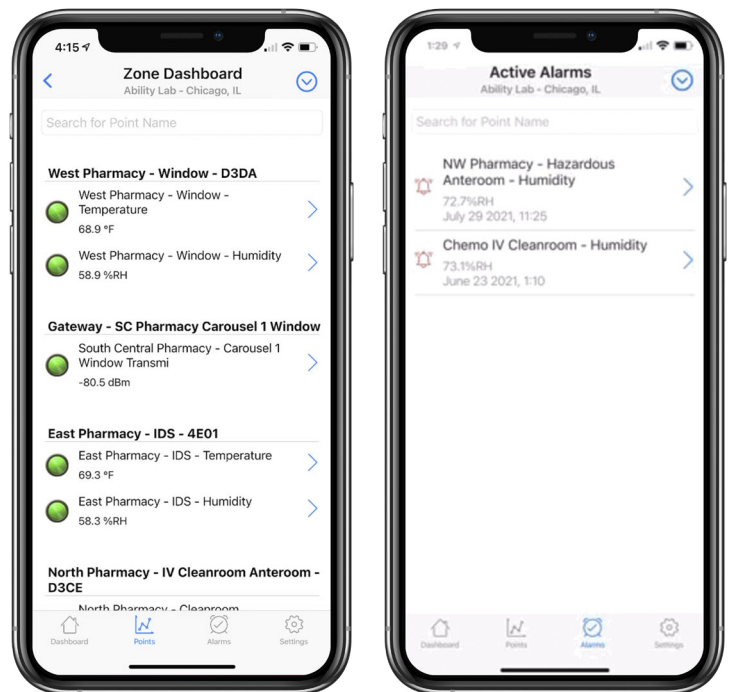
Tim Livesay
Pharmacy Director
Hancock Regional Hospital

WATCH VIDEO

"Thanks to our monitoring and alerts with Sonicu, we saw that humidity levels in that new [oncology] building kept rising into areas that were unacceptable for the sensitive work underway...
"The advances in technologies for patient care in the past decades are nothing short of miraculous and technologies like Sonicu are very much part of our technology investment."

With various uses throughout your pharmacy, Sonicu is the simple, easy to use solution for your monitoring needs.

Evidence Storage

Forensic evidence, such as DNA samples, chemicals, and biological materials, needs to be stored under specific environmental conditions to maintain their integrity. Monitoring temperature, humidity, and light levels in evidence storage areas helps prevent degradation, contamination, or alteration of evidence.

DNA Analysis

DNA analysis is a fundamental component of forensic investigations. Environmental monitoring in DNA analysis areas helps maintain stable conditions to preserve DNA integrity. Temperature, humidity, and airborne particulate matter (e.g., dust) can impact DNA samples and affect the reliability of results.

Forensic Chemistry Laboratories

Chemical analysis is a critical part of forensic investigations. Monitoring the environment in chemistry labs, including temperature, humidity, and ventilation, ensures optimal conditions for accurate chemical reactions and stability of reagents and samples.

Cleanrooms and Sterile Areas

Forensic labs may have cleanrooms or sterile areas for sensitive procedures or analyses. These controlled environments require continuous monitoring of temperature, humidity, particulate levels, and air pressure to maintain sterile conditions and prevent contamination.
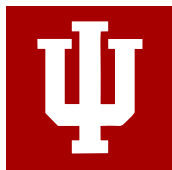
SCHOOL OF **MEDICINE**

UNIVERSITY OF GEORGIA
1785

"Sonicu gave us the ability to more easily put our head on the pillows and sleep easier at night knowing we had invested in a strong monitoring system."

Dennis Marchesi
Laboratory Director,
Xytex

READ CASE STUDY

OUR ECOSYSTEM
makes monitoring your facility easy.

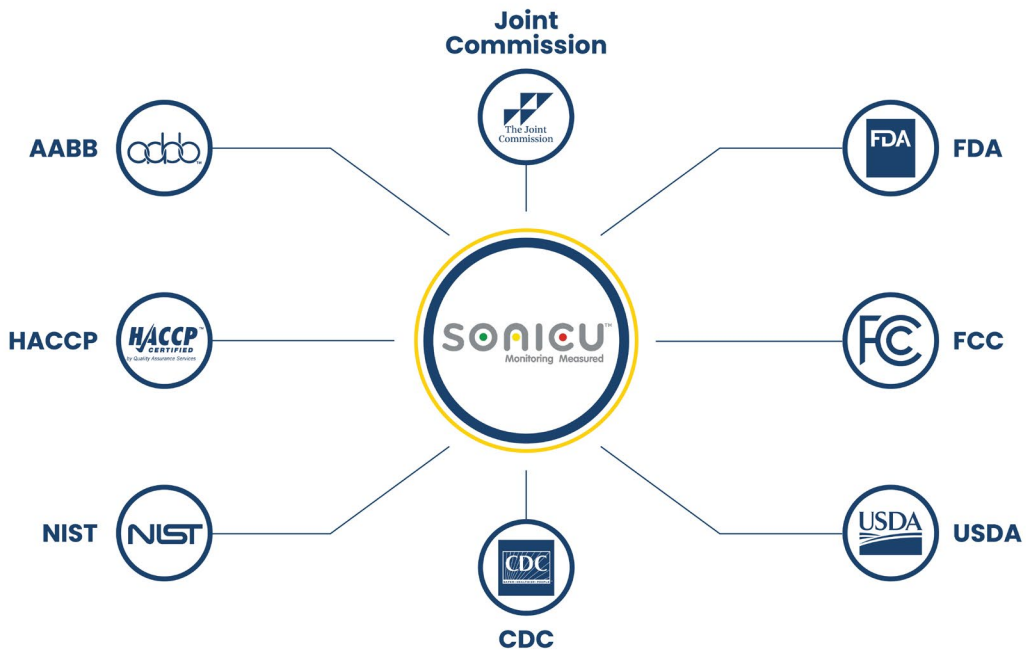## Status Summary and Enterprise Dashboard

Floorplan

Wherever you go:
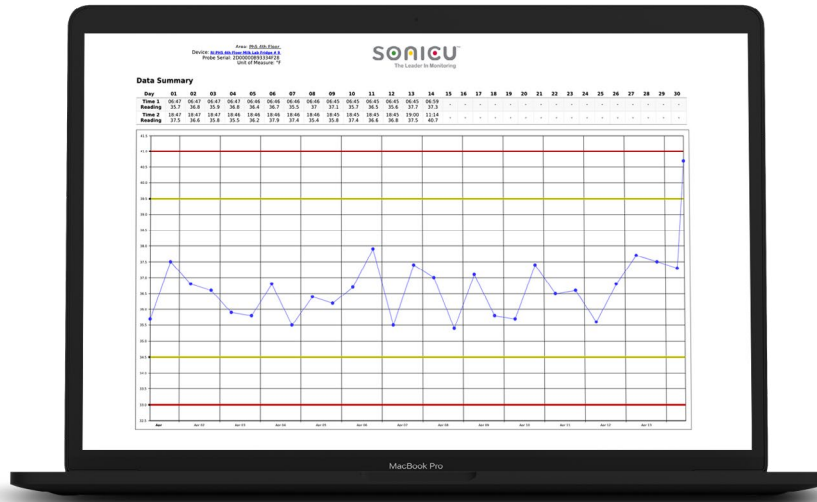## Stay connected to your critical assets and environments.

YOUR COMPLIANCE:
Simplified two-click regulatory readiness

Compliance and Operational Reporting

NEVER FRET AN AUDIT AGAIN:
Your reporting, your peace of mind

APPLICATIONS & INDUSTRIES

- Healthcare
- Food Service
- Research/Laboratories
- Industrial/Manufacturing
- Building Automation

CELL

WIFI

ETHERNET
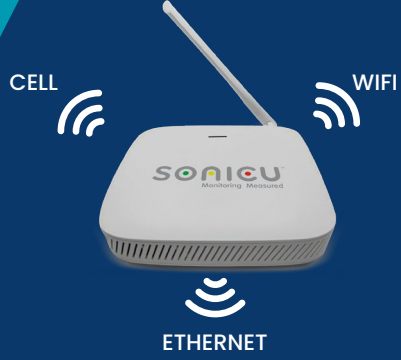
Sonicu provides access, alarming and archiving 24/7/365 via any internet-enabled device.

12 ESSENTIAL
SOFTWARE FEATURES
INCLUDED WITH SONICU

**Alarms and
notifications**

**Unlimited data
storage (AWS)**

**Compatible with
third-party sensors**

**21 CFR Part 11
Auditing**

**Access on any
smart device**

**Unlimited
users access**

**Automated
regulatory
compliance reports**

**Backup and
uptime guarantee**

**API for simple
data sharing**

**BMS/BAS
data sharing**

**Calibration
Certificate**

**Customized
dashboard**

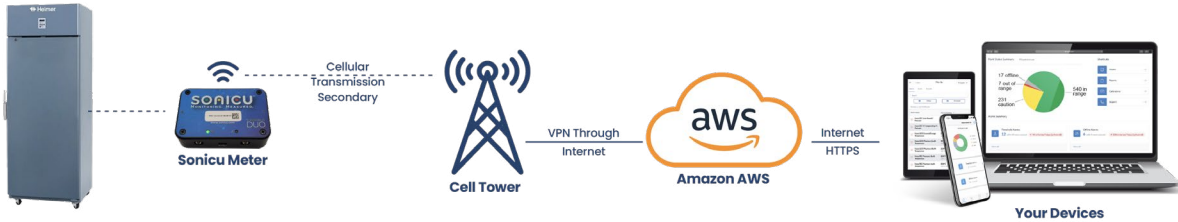Hundreds of businesses rely on us to mitigate expensive operational errors and enhance preparedness for compliance requirements. With Sonicu, you can achieve operational excellence, minimizing errors and inefficiencies that can lead to financial losses.

Our system automates data collection, monitors critical parameters, and generates detailed reports, making compliance management efficient and stress-free.

At Sonicu, we empower businesses to reimagine their approach to compliance, quality assurance, and operational efficiency. We streamline and optimize how organizations collect data, monitor, and comply with regulatory requirements.
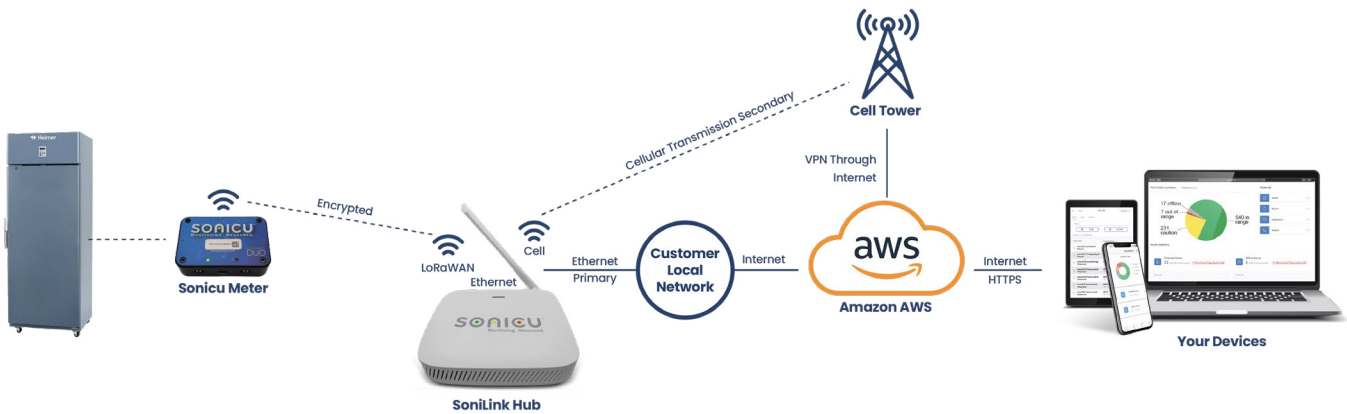
Wi-Fi – Cellular – SoniLink
Options to make data transmission easy

We invite you to experience the transformative power of Sonicu firsthand.
Let us help you unlock the full potential of your organization, enhance compliance, and drive operational excellence.

IMPLEMENTATION

PHASE 1:
Planning & Preparation

PHASE 2:
Installation

PHASE 3:
Training & Site Configuration

PHASE 4:
Ongoing

Bid Awarded ▶ Implementation Plan & Scope ▶ Hardware Installed ▶ Go Live ▶ Your Complete Satisfaction

1.a
Stakeholders identified

1.b
Requirements Confirmed

1.c
Scope of work complete

1.d
Kickoff meeting complete

1.e
Deployment Timeline Arranged

2.a
Physical installation completed per location

2.b
Monitoring site updated per customer requirements

3.a
'Go-Live' dates determined

3.b
Scheduling complete

3.c
Admin training complete per location

4.a
Support process identified

4.b
One year of Site Health checks complete

4.c
Account Management will be ongoing and continuous

SONICU™
The Leader In Monitoring

MiraVista DIAGNOSTICS

A highly respected diagnostics company that processes over 100,000 tests a year for customers across the US and Canada.

"*Sonicu costs are considerably more reasonable than our historic system, as well as other competitors on the market. The equipment is robust but simple to learn and utilize.*"

Zach Flohr
Production & Engineering Manager
MiraVista Diagnostics

READ CASE STUDY

CRYOPOINT
A premier global provider of comprehensive sample management and biological storage solutions.

"*In the cryo and ultra-low temperature industry, there's no room for error when it involves temperature monitoring. Sonicu's Temperature Monitoring Program provides Cryopoint peace of mind and bolsters our clients' confidence in what we do.*"

Tony Donofrio
Vice President of Operations
Cryopoint

READ CASE STUDY

Sonicu installed a complete 20-point monitoring solution that ensured temperature security at Cryopoint, added value to the company's services and reassured its clients.

Reliability and safety ensured with 24/7 temperature monitoring and instant, real-time alarming.

INDIANA UNIVERSITY HEALTH:
A Major Midwestern Hospital

"IU Health's program was implemented many years ago using a single, privately owned server located at the Methodist campus data center. While having a privately-owned server has its benefits, it also requires liability of all points being maintained in one place.

Consolidating with one provider helps us better manage our assets and our people, and gives us system wide visibility. Sonicu provides excellent customer service and is very user friendly."

Indiana University Health
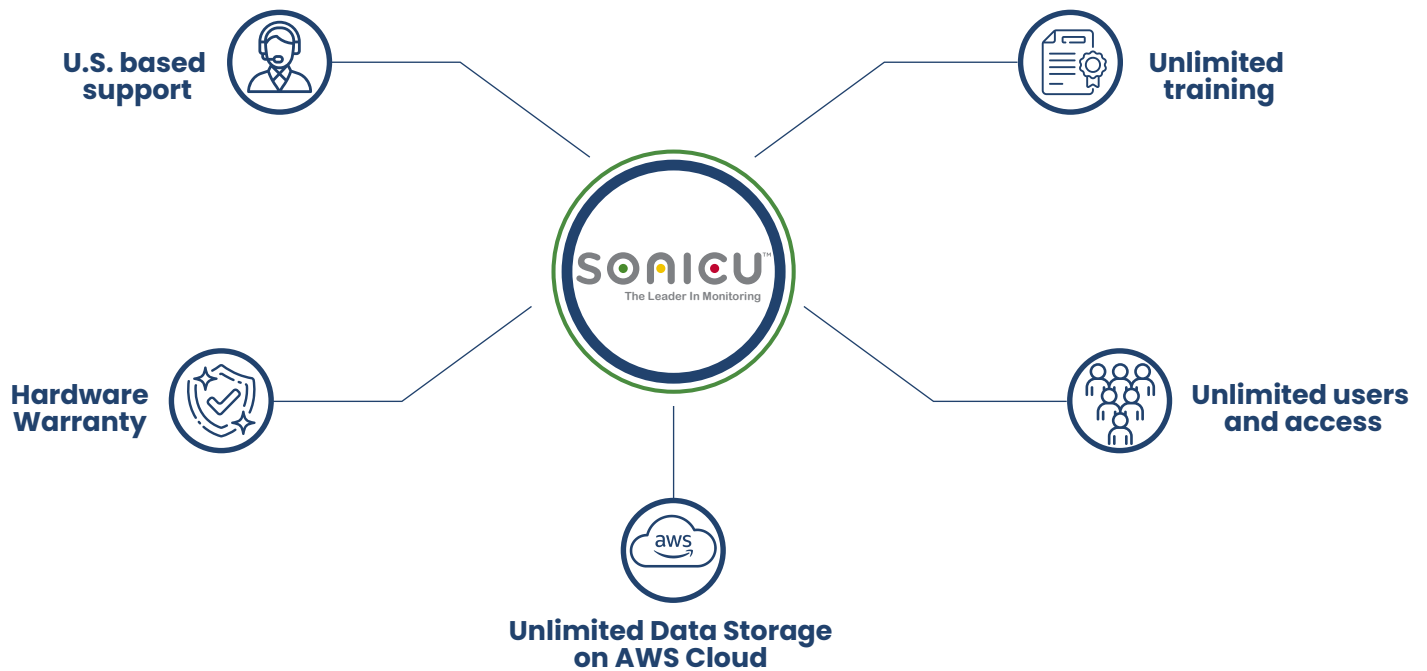
Facilities Supervisor
IU Health

READ CASE STUDY

BASED IN INDIANA:
Live customer support and training

Sonicu Monitoring Benefits

U.S. based support

Unlimited training

Hardware Warranty

Unlimited users and access

Unlimited Data Storage on AWS Cloud

Our Enduring Commitment to Every Customer:

- Hardware under warranty during subscription

- Sonicu Academy for unlimited training

- Your data stored forever without limits

- Share your monitoring with everyone on your team and create groups and zones for role and permission-based management

WATCH VIDEO

Julie Nagel
Immunization Coordinance,
Hamilton County Health Dept.

WHO WE ARE

Sonicu is a leading provider of innovative solutions that transform how organizations monitor and manage critical environments. We specialize in leveraging the power of IoT (Internet of Things) technology to provide real-time monitoring, data analytics, and actionable insights.

Our comprehensive range of solutions covers a wide range of industries, including healthcare, food service, pharmaceuticals, retail, hospitality, and more.

Sonicu's offerings include automated monitoring systems for temperature, humidity, pressure, air quality, and other vital parameters.

With Sonicu, organizations can proactively monitor their environments, ensuring compliance with regulatory requirements, optimizing operational efficiency, and safeguarding the quality and safety of their products and services.

Our advanced technology and intuitive platform enable businesses to make data-driven decisions, mitigate risks, and drive continuous improvement.

Trust Sonicu
to transform your monitoring practices and empower your organization with actionable insights for success.

SONICU™
The Leader In Monitoring