SONICU™
The Leader In Monitoring

OUR GOAL:
Your Peace of Mind

Enterprise Healthcare

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

Hospitals are filled with crucial areas that must be maintained at proper temperature and environmental conditions.

From the operating room to the cafeteria freezer, consequences of a broken freezer or compromised clean room can range from the loss of tens of thousands of dollars in inventory **(the average pharmacy/hospital fridge contains $25,000 in perishable assets)** to serious injury or death of a patient.

Your team requires coordination across the entire organization, complex protocols and much more in an ever-changing environment.

Can you afford to risk the efficacy and safety of your vaccines and medications due to human error or oversight in monitoring?

Integrating technology into today's healthcare system can help you automate your most tedious and burdensome compliance requirements.

Continuous temperature and environmental monitoring technology is essential to any healthcare facility – from a remote rural clinic to the most complex urban hospital – to protect the safety of patients and reduce the stress of regulatory compliance.

Instances of temperature excursions and deviations in healthcare facilities have led to millions of dollars in financial losses and regulatory penalties.

What if your fridge shuts down in the middle of the night with thousands of vaccines inside and you do not have a 24/7 control monitoring system?

Without the proper monitoring, critical changes in environmental conditions may go unnoticed, leading to inefficiencies, and delays in patient care delivery.

All stand in the way of exemplary patient care

MONITORING MADE EASY.

HOSPITALS   CLINICS   SURGERY CENTERS   SENIOR LIVING   HEALTH DEPARTMENTS

Considering an Enterprise Monitoring Package?

What is your staff manually logging that a sensor could automate and save staff time to focus on more mission critical or revenue-generating activities.

ASSESSMENT

Thinking about an Enterprise Monitoring Package? Let's take the first step with this self-evaluation of all points of monitoring that Sonicu could automate for your enterprise. Afterwards, reach out to one of our friendly representatives at info@sonicu.com for more information!

Temperature Monitoring

Medication Fridges

Medication Feezers

Blanket Warmers

Fluid Warmers

Walk-in Coolers

-80 Freezers

Cryogenic Storage

Kitchen Warmers

Lab Warmers

Heating Blocks

Incubators

Hydrocollators

Pipe Temperatures

Temperature Monitoring

Ambient Temperature

Humidity

Air Velocity/ Air Changes

Oxygen Levels

Air Quality

Pressure Differential Monitoring

Clean Rooms

Surgery Suites

Isolation Rooms

Sterile Storage Rooms

Soiled Utility Rooms

Fire Stairwells

Status Change Applications

Water Rope/ Leak Detection

Door Open/ Door Close

Room Occupancy

Tank Level

Dry Contact

Status Change Applications

MRI Machine Status

Chiller Machine Status

Vibration

Light

Power: AMPs, Volts

Trusted by the finest names in healthcare, Sonicu monitors their most valuable assets

~18,000 users from ~600 customers:
From Canada to the Caribbean and all 50 states

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."
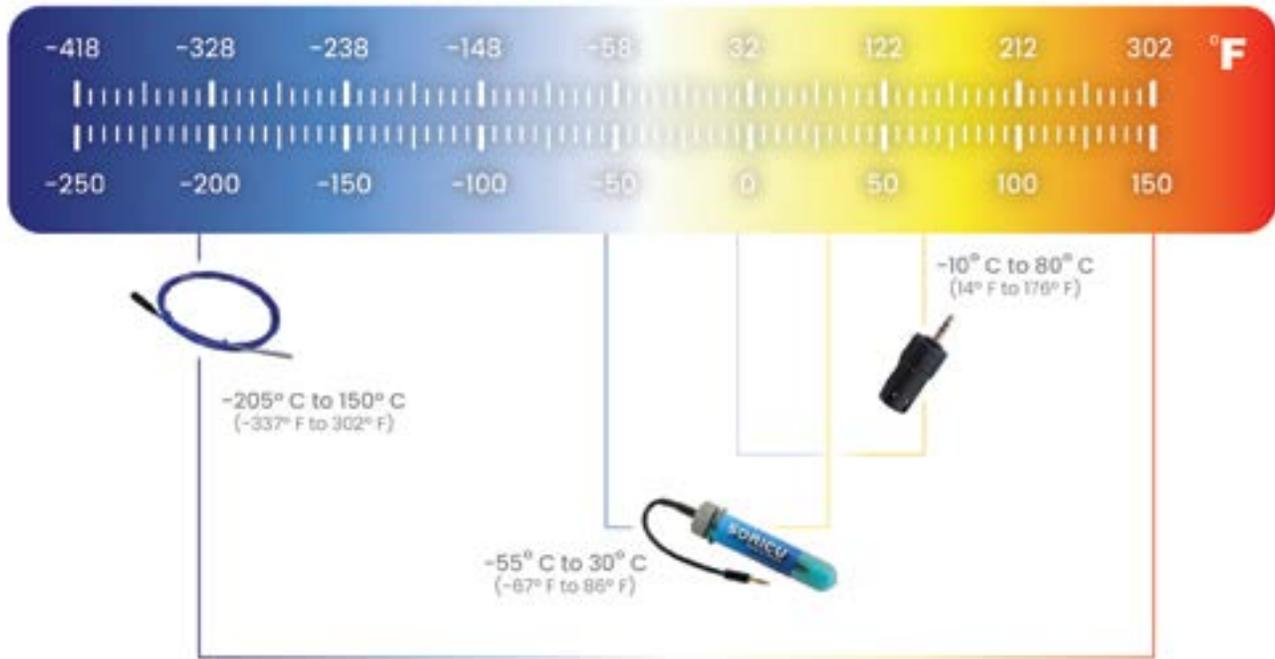
Indiana University Health

Facilities Supervisor
IU Health

READ CASE STUDY

PEACE OF MIND:
Wireless, Simple & Affordable

Ranges of Temperatures

-205° C to 150° C
(-337° F to 302° F)

-55° C to 30° C
(-67° F to 86° F)

-10° C to 80° C
(14° F to 176° F)

Typical Applications include

TEMPERATURE	TEMPERATURE	HUMIDITY	DIFF. AIR PRESS.	CRYOGENIC	INCUBATOR
Refrigerators	Blanket Warmers	Compounding Rooms	Compounding Rooms	Cryogenic Freezers	Incubator
Freezers	Incubators	Warehouses	Surgeries and Isolation Rooms	Liquid Nitrogen	Life Science
Walk-In Cooler	Food Warmers	Clean Rooms	Clean Rooms	Dewars	Research
Refrigerated Warehouse	Food or Livestock Producers	Surgery Rooms	Construction Sites	Cryotherapy	
Cold-Chain Distribution	Industrial Applications	Research Labs	HVAC Systems	Biologic In-Vitro	
				Flash Freezing	

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

From occupancy to water leaks, we can help you with simple and affordable solutions to better monitor your mission-critical facilities.

AFFORDABLE AND SIMPLE
Enterprise Monitoring:

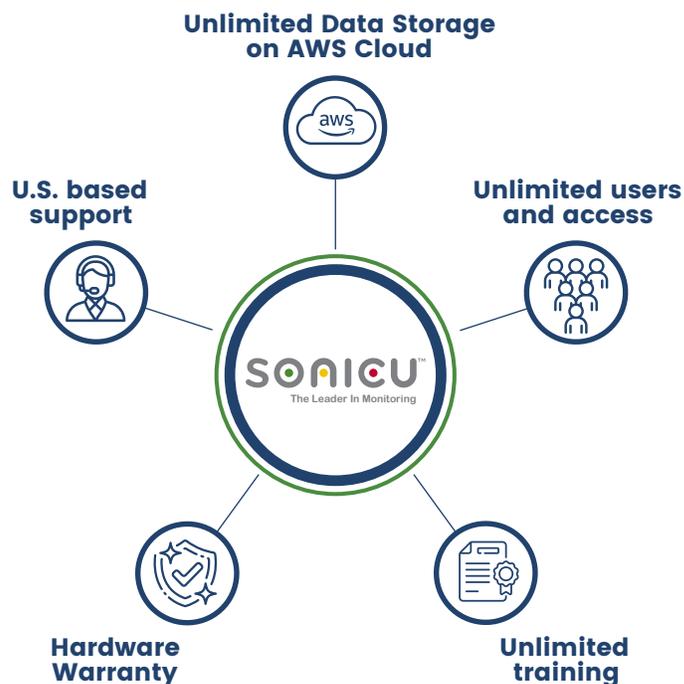## Trusted, Proven and Reliable

Sonicu´s Enterprise Monitoring system is the most comprehensive and streamlined solution for hospitals.

Once all the monitoring points for temperature, humidity, and air pressure differential 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 monitor system, you can have peace of mind knowing that any temperature fluctuations or equipment malfunctions will be detected immediately.
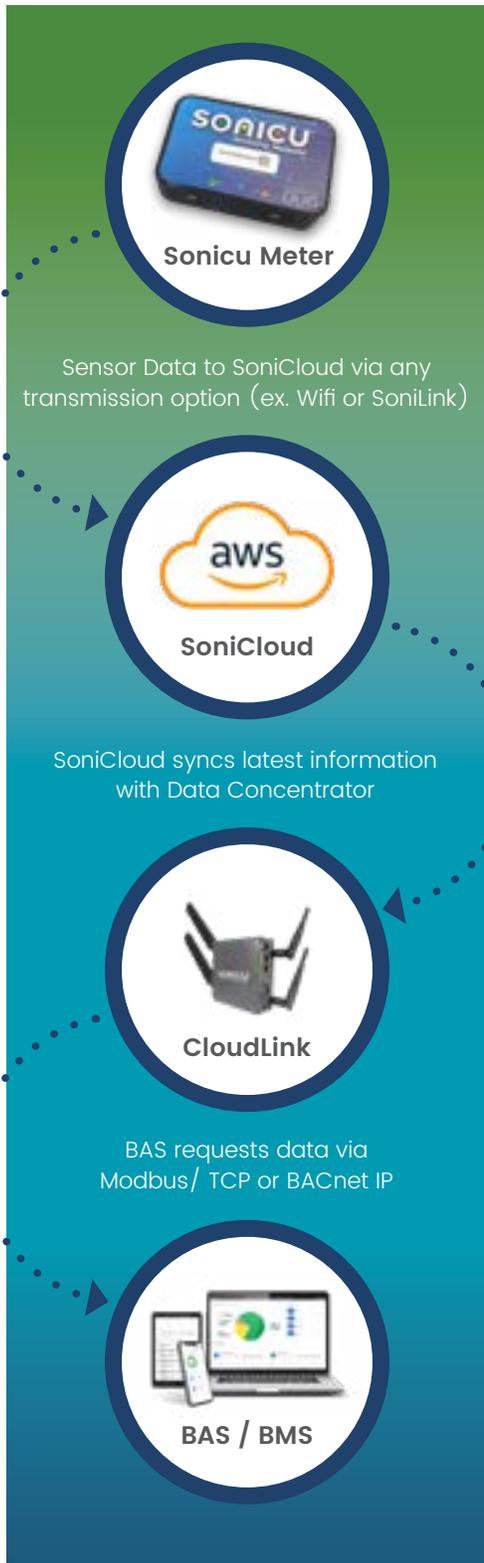

Unlimited Data Storage on AWS Cloud

U.S. based support

Unlimited users and access

Hardware Warranty

Unlimited training

SONICU
The Leader In Monitoring

" *Speed is so important to us, and Sonicu has made everything fast and easy. It's two minutes to install a probe, and then easy to connect to cellular and add my users in a few more minutes. I can get my teams up and running fast.* "

Justin Reife
Cold Chain Manager
Nomi Health

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The Leader In Monitoring

844-4SONICU • 317.468.2345 • FAX 317.586.4804
www.sonicu.com • info@sonicu.com

SEE YOUR CONDITIONS ACROSS YOUR FACILITY:
Smarter management tied to your BMS

Your bird's eye view on threats to your operations and revenue:
Available anywhere, anytime.

SONICU
CloudLink

Sonicu Meter

Sensor Data to SoniCloud via any transmission option (ex. Wifi or SoniLink)

SoniCloud

SoniCloud syncs latest information with Data Concentrator

CloudLink

BAS requests data via Modbus/ TCP or BACnet IP

BAS / BMS

How does it work?

The Data Concentrator solution requires two steps:

1. In coordination with Sonicu, a customer establishes a profile including which points of monitoring should be reflected on the Data Concentrator.

    a. This includes setting up 'slot mapping', indicating which point of monitoring in SoniCloud should be replicated to which 'slot' in the Modbus/BACnet memory map.

    b. The customer programs their BAS/BMS to connect to the Data Concentrator via either Modbus/TCP or BACnet IP.

2. They can query the Data Concentrator for temperature and environmental monitoring data, translate the data into the format desired for their system, and load the data into their BAS/BMS.

All of Your Healthcare Environmental Monitoring
CONSOLIDATED ON ONE PLATFORM

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.

Pharmacy

Need to keep medications at a certain temperature? Not doing so could drastically reduce their effectiveness, cause severe loss, and lead to regulatory issues.

Sonicu covers all pharmacy needs - from ambient temperature monitoring to humidity and differential pressure.

Laboratory

Some of the most crucial assets to a hospitals enterprise 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!
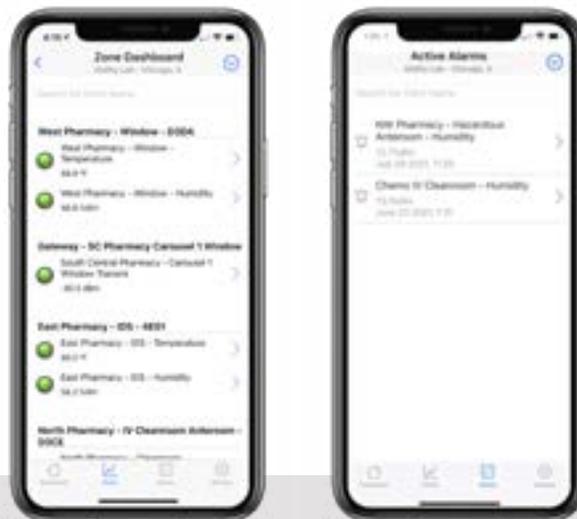
Tim Livesay
Pharmacy Director
Hancock Regional Hospital

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."

Healthcare 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, giving you easy access from anywhere.

Surgical Rooms

These rooms are among the most regulated environments in the world. Failure to maintain surgical rooms in pristine condition can result in lost revenue, time, and jeopardize patient safety. Sonicu monitors pressure differentials, humidity, and temperature as well as equipment such as sterilizers and fluid warmers.

Vaccine Clinics

Vaccine compliance is a critical role for pharmacists, because failure to handle and store them properly can be detrimental to the effectiveness of drugs and can cost thousands if they become unusable. Sonicu helps you monitor these vaccines and alleviate the burden of reporting. You'll save more vaccines along the way with our alarm and notification system.

Patient Areas & Nursing

Nurses wear many different hats, from caretaking for patients to logging temperature data from fridges in their unit. This can burden staff that are already balancing many responsibilities. Sonicu is the bridge between patients, nurses, and technology.

Dining & Nutrition

Anything a patient consumes while under your care is required to be monitored to ensure quality and safety. Our automatic temperature monitoring system and reporting can help you reduce the risks of infections and diseases among patients.

"*We knew we needed technology like Sonicu to help compensate for the gaps in our system. Our people were doing a solid job of manually logging temperatures but they also get called in a lot of directions and sometimes a log gets missed and that's simply not acceptable because you always knew in the back of your mind that's a risk for the patients*"

Martha Rardin
Director, Nutrition,
Hendricks Regional Hospital

WATCH VIDEO

INFECTION PREVENTION:
## More than just monitoring, Improving patient care

CONNECT, DETECT & PROTECT
SoniShield View
DIGITAL METER WITH POWERFUL MOBILE APP

Compatible with Sonicu's NIST certified room condition monitoring digital sensors, including temperature, humidity, and differential pressure, the View uses advanced wireless technology for an efficient and easy-to-use wireless monitoring experience.

The SoniShield View display delivers real-time room monitoring and the powerful SoniCloud Mobile app wirelessly configures the View in seconds.

POSITIVE PRESSURE ROOM

CLEAN

+

NEGATIVE PRESSURE ROOM

DIRTY

—
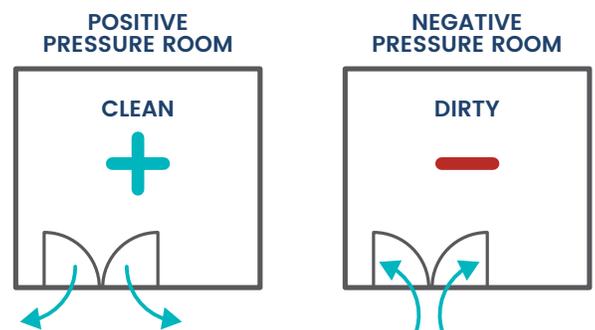
SEE YOUR ENTERPRISE:
Improve your safety and compliance.

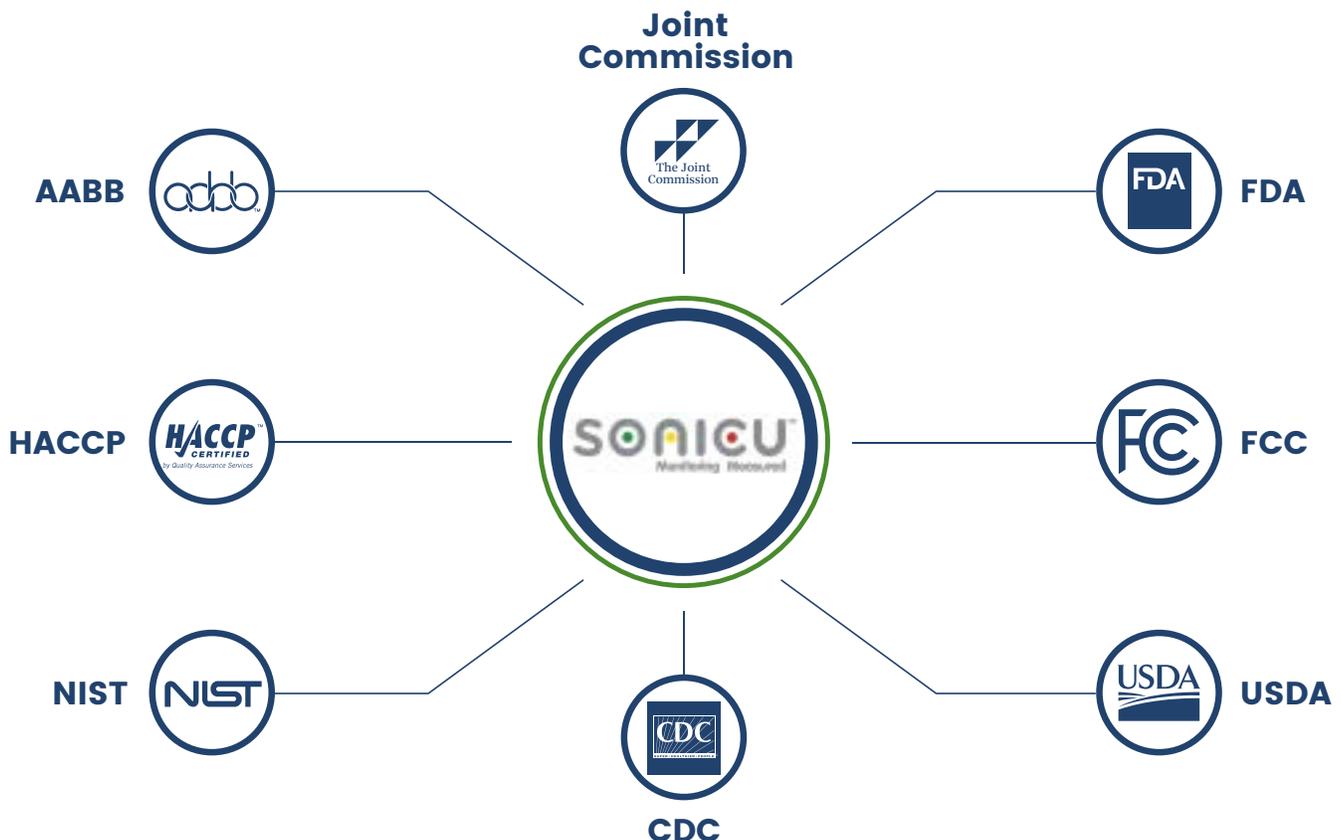### Status Summary and Enterprise Dashboard

Floorplan

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

YOUR COMPLIANCE:
Simplified two-click regulatory readiness

Compliance and Operational Reporting

Joint Commission

AABB

FDA

HACCP

FCC

NIST

CDC

USDA

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

Excursion Report

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
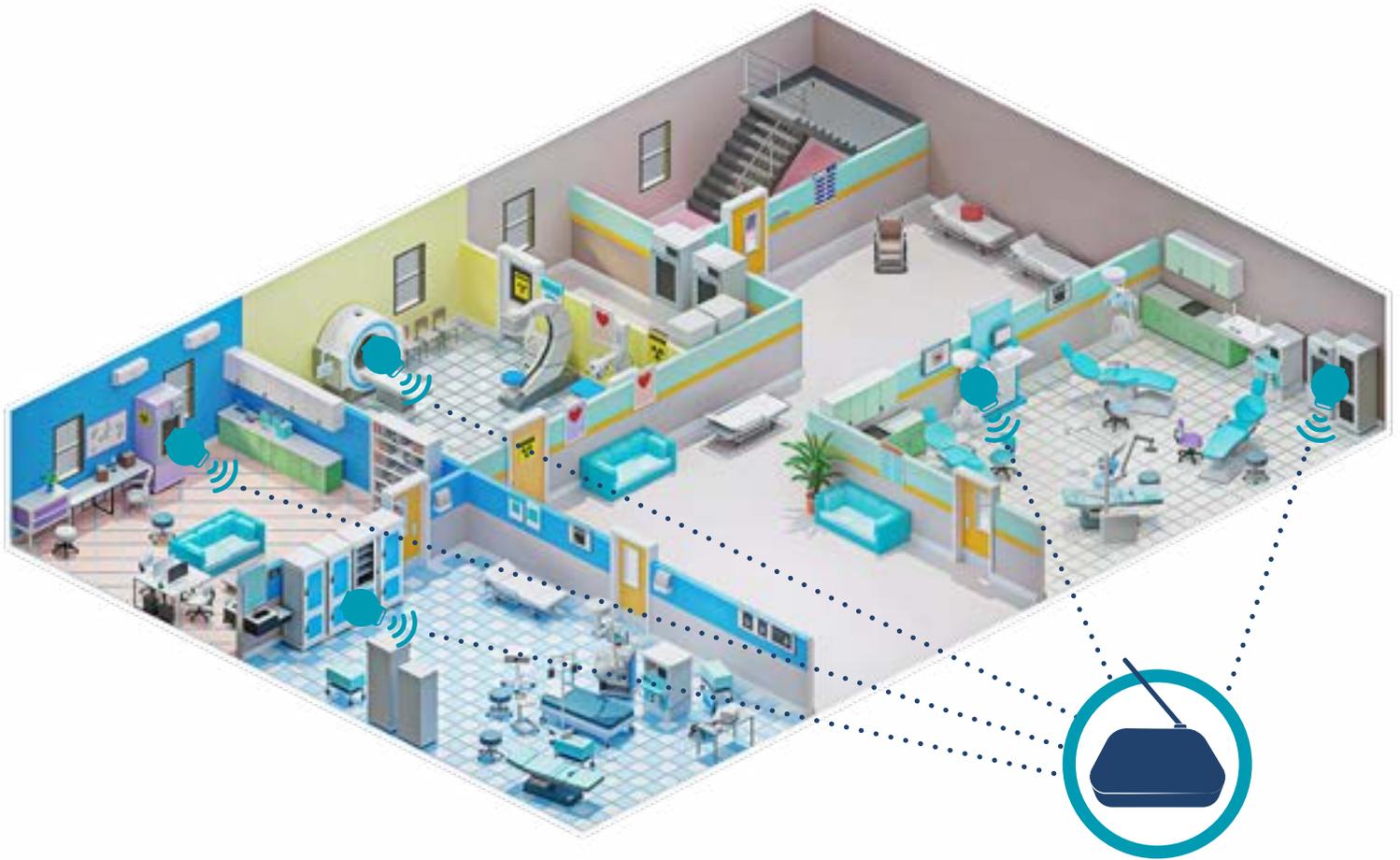
BMS/BAS data sharing

**Calibration Certificate**

Customized dashboard

- 100% Wireless temperature (humidity available) NIST sensor

- Installs in seconds without tools

- IP-67-rated for cold storage environments

- App-based implementation Wizard

- Water Leak Detection, Door monitoring, CO2 and IAQ monitoring seamlessly

Hundreds of facilities rely on us to mitigate expensive operational errors and enhance preparedness for compliance requirements. This ensures the comfort and safety of patients, employees, suppliers, and visitors and enables pharmaceutical storage facilities to function correctly.
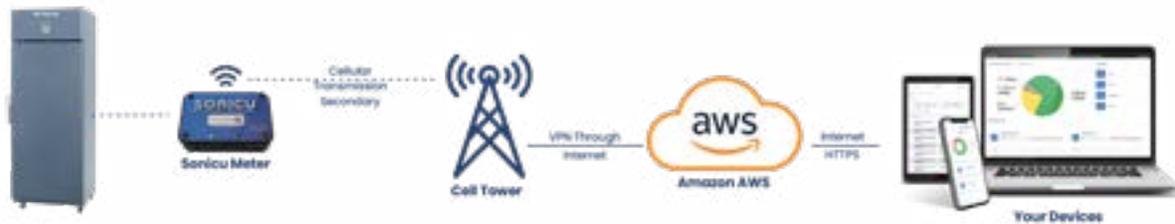
Our system automates data collection, monitors critical parameters, and generates detailed reports, making compliance management efficient and stress-free.

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
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Satisfy your compliance in a SNAP

View, download, or print calibration certificates online in PDF format instantly from any web browser

Our SNAP Calibration program assures that your temperature and environmental monitoring sensors are accurate, properly calibrated, and meet regulatory compliance without the need for conventional recalibration.

This program is designed to provide our clients with minimal risk, loss, disruption and non-compliance when one or more of our sensors are not working properly.

This process is easy, Sonicu provides new sensors with NIST traceable calibration certificates prior to your current expiration date. Sonicu will remove the old sensor and snap the new sensor into place!

What does Sonicu's SNAP Calibration program provides?

- Easy & cost effective way to maintain regulatory compliance without the hassle of conventional recalibration.

- Everything from alarming and protecting to logging and reporting depends on proper data from precise, properly calibrated sensors.

- Ensures your temperature sensors are accurate, properly calibrated, and meet regulatory compliance.

- Sonicu adheres to strict quality controls and maintains ISO 17025 compliance.

How are you benefiting from our SNAP Calibration program?

- Remove administrative burden, uncertainty, and worry about required, recurring sensor calibration.

- Eliminate downtime associated with conventional recalibration.

- SNAP Calibration is far less expensive than traditional recalibration services.

OHIO UNIVERSITY
Innovation Center Turns To Sonicu
for Trusted, Affordable Environmental Monitoring

iC

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

"*The Sonicu system provided an easier, faster solution, compared to existing systems like radio wave transmission signals. Now the cloud-based system is available, and the signal is faster and way easier to maneuver and control.*"

OHIO
UNIVERSITY

Misa Hata
Laboratory Director and
Regulatory Affairs Coach

READ CASE STUDY

KATHERINE SHAW BETHEA HOSPITAL
Pharmacy monitoring for Remote Clinics

"Once I did it once or twice, it was really no big deal to efficiently get in and out of each location without any hassle.

The mobile app installation (wizard) piece made it really easy to follow step by step and your team was great to work with to get the system set up the way we wanted."
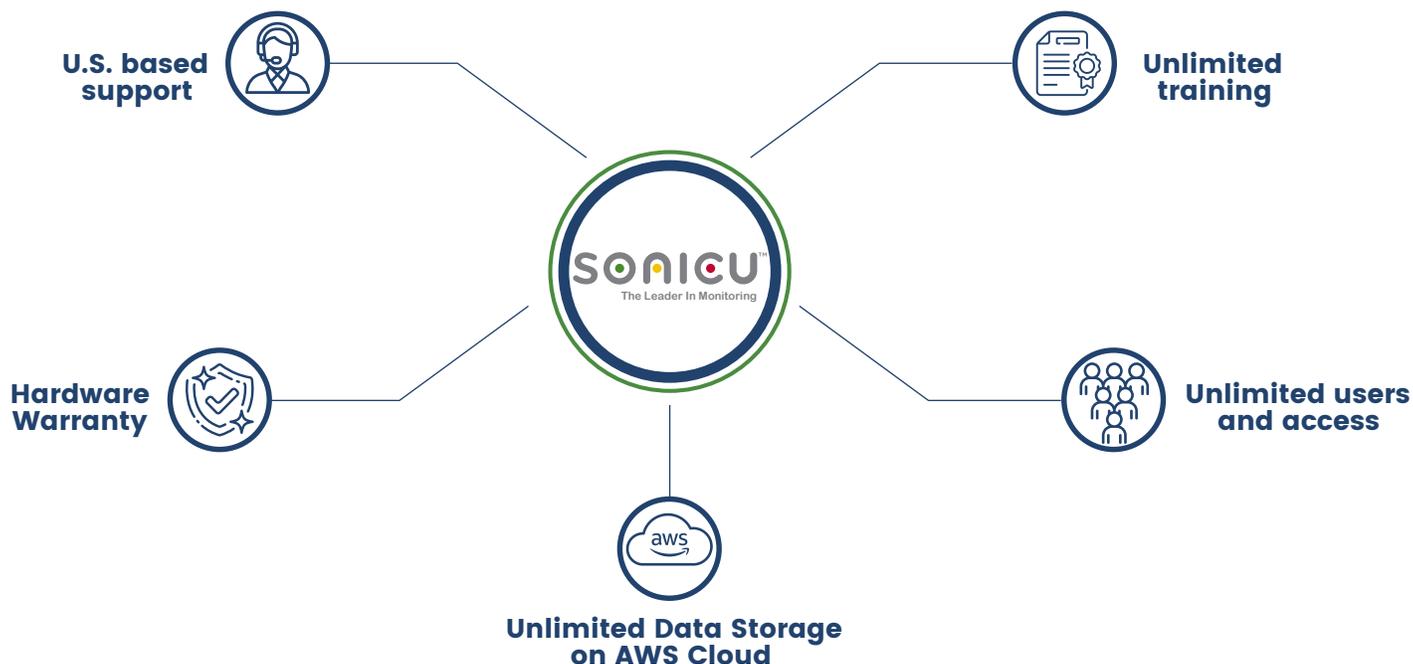
Luke Herbert
Pharmacy Director
Installed dozens of pharmacy temperature monitoring solutions at his remote Illinois clinics

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 Healthcare 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.

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