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System-wide Sound and
Temperature Monitoring Programs*

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Labs
Asset Protection
HCAHPS
Patient Safety
Patient Experience
Regulatory Compliance
Sound
Lighting
Temperature
Pressure
Power
Vaccines
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CRITICAL AREAS

- NICU/ICU/CCU
- Patient satisfaction
- Patient experience
- HCAHPS improvement

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Healthcare sound reduction is a process

It takes more than sound monitoring equipment to effectively reduce hospital noise. It takes more than a graph illustrating how loud it is to really make things quieter.

Understanding why it's too loud is what it takes to make things quiet. It takes data-driven sound management.

Reducing hospital noise requires a comprehensive sound monitoring program that includes leading-edge technology paired with a proven strategy to provide precise data and an authentic capability to effect change.

Sonicu's sound monitoring program is the only system in the industry that empowers healthcare leaders with insight and intelligence to assess, improve and manage their sound environment.



HEALTHCARE IS A NOISY PLACE

It's a known fact that hospitals are noisy. It's also known that despite significant effort toward hospital noise reduction, they're not getting any quieter.

For years, studies have shown hospital noise levels continue to exceed virtually all recommended guidelines with a general trend toward increasing noise during daytime and nighttime hours.

The bottom line: Healthcare has a noise problem, and it doesn't know how to fix it.

The fallout from all the noise is not good. Significant physiological reactions in premature infants; increased patient cardio-vascular stress; increased analgesic and sedation medication; higher readmission rates; reduced HCAHPS scores and reimbursements are all side-effects of a healthcare noise epidemic.

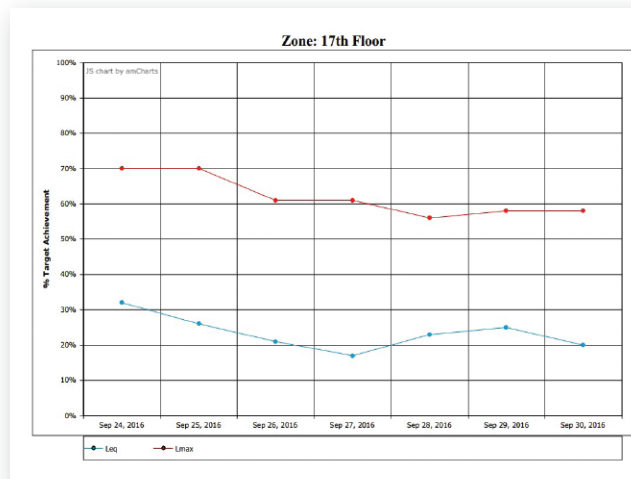
But there is a cure.

It really is that simple

Sonicu sound monitoring is easy to install and implement. It can work independently of existing IT infrastructure, and it is fully scalable to grow with enterprise needs.

Sonicu's Sound Monitoring Program is everything healthcare leaders need to reduce noise while keeping patient satisfaction and revenues up.

SONICU'S SOUND MONITORING PROGRAM



Sonicu sound monitoring provides a complete sound-squelching program that includes patented Sound Indicating Meters (SIMs), a cloud-based software program and a robust Sound Target Achievement Report (STAR) reporting package unmatched in the industry.

Sonicu Sound monitoring softens a strident sound environment in three easy steps.

ASSESSMENT

- Sonicu's wireless SIMs monitor sound 24/7 with precision and accuracy. Without relying on subjective opinion and random spot-check sound audits, Sonicu determines decibel levels at precise times and locations.
- Sound data is sent via WI-FI or cellular modem to Sonicu's cloud-based software platform where decibel levels can be viewed in real time and analyzed with Sonicu's proprietary STAR reports.



SMART ALARMING Sonicu's provides 24/7/365 alarming to any PC, smartphone or web-based device. Alarms can be set to user-defined parameters and tailored to urgency levels for automatic escalation and forwarding.

Sound Target Achievement Report (S.T.A.R.)

Top 10 Sound Events for Friday, September 30, 2016					
L _{eq} Events			L _{max} Events		
Device Name	L _{eq} (dBA)	Time	Device Name	L _{max} (dBA)	Time
9N 23B	77.7	23:45 - 23:50	9N 21A	91.4	18:30 - 18:35
9N 23B	77.7	05:50 - 05:55	17W Hall	91.0	11:10 - 11:15
9N 23B	77.7	05:55 - 06:00	17W Hall	86.8	11:15 - 11:20
9N 23B	77.7	06:15 - 06:20	17E Hall	86.1	11:10 - 11:15
9N 23B	77.7	20:10 - 20:15	17N Hall	83.7	11:10 - 11:15
9N 23B	77.7	20:15 - 20:20	17E Hall	83.7	11:15 - 11:20
9N 23B	77.7	06:00 - 06:05	9N 23A	83.6	20:35 - 20:40
9N 23B	77.7	05:45 - 05:50	9N 26	83.4	17:10 - 17:15
9N 23B	77.7	05:10 - 05:15	9N 25	83.3	18:05 - 18:10

• STAR reports, designed with the input of national healthcare leaders, show daily top 10 sound events by time and location and allow managers to drill down five minutes before and after the events to determine why they occurred. The reports also show rolling average sound levels over five-minute periods throughout the day.

• After an assessment cycle with Sonicu STAR reports, enterprises begin to understand their sound issues: Where noise is occurring, when and for how long, how loud it is, but most importantly, why the sound is occurring.

IMPROVEMENT

• Actionable STAR report data promotes noise reduction strategies to eliminate peak sound events and reduce overall rolling average sound levels. Sound target goals based on reliable data begin to control or eliminate noise spikes, quieting the overall sound footprint.

• Adjusting to STAR report data fosters institutional, behavioral and system changes that create a quieter, healing environment.

MANAGEMENT

• As daily Sound Target Achievements are reached over time, continued monitoring and management refine the process until noise levels are optimized for a given area, unit or enterprise.