



OPPORTUNITY

Neteera adapted contact-free vehicle monitoring tech for healthcare, easing staff workload and improving patient care.

INNOVATION

Neteera redesigned radar-on-a-chip for safer, low-power use and added AI supported by InterSystems IRIS to passively monitor patients with EMR integration.

SOLUTION

InterSystems Health Connect seamlessly integrates data from Neteera's system to an EMR.

IMPACT

Neteera's system supports nursing staff with contact-free monitoring, smart alerts, and seamless EMR integration—while preserving patient comfort.

Neteera Advances Early Intervention with Continuous, Contactless, Remote Patient Monitoring

Neteera is a pioneer in enhancing patient care through continuous and contactless monitoring. Neteera's opportunity for innovation arose from the technological gap between remote radar sensing used in the automotive industry versus the healthcare sector. While the automotive industry has embraced contactless monitoring technologies, healthcare has often relied on outdated methods that can be intrusive and less effective. Recognizing this disparity and leveraging **InterSystems® Health Connect**, Neteera saw an opportunity to bring innovative, real-time monitoring solutions to healthcare, which has the potential to dramatically improve patient outcomes and reduce the burden on medical staff.

Safe Radar Monitoring Leads the Way to Ambient Sensing with InterSystems Health Connect

Neteera's ambient sensing for patient monitoring is a revolutionary and contact-free solution that leverages low-power, high-frequency radar technology to monitor patients continuously. This system can detect and identify unique bio-signals and vital signs, such as cardiopulmonary indicators, without causing discomfort or requiring active patient participation. The technology integrates seamlessly with Electronic Medical Records (EMRs), providing real-time, AI-driven alerts and insights that help clinicians make more informed decisions. By reducing the need for consumables, wearable devices, and additional staffing, Neteera's ambient sensing technology addresses nursing staff shortages and burnout, while enhancing patient care and operational efficiency.

Approved for safety and efficacy: Neteera's 130H-Plus device is US FDA-cleared and EU CE-certified, ensuring its safety and efficacy for clinical use. Without physical contact, the device also poses no risk of infection or adverse contact reactions.





“The problem that we are trying to address is the need to improve patient outcomes without increasing the investment in human resources. So, how can technology help improve patient outcomes and reduce risks? Without adding more nurses on staff? This is the solution, one that does it without disturbing the patient.... It’s not just creating value. We are helping people in need.”

The Neteera team

Moving toward widespread adoption: Neteera’s technology is currently deployed in over 400 healthcare facilities and 35,000 systems across the US, rapidly becoming a standard of care in replacing episodic interventions with continuous patient monitoring.

Superior maintenance and privacy profiles: Neteera’s technology’s unique radar-based approach avoids the privacy and maintenance concerns associated with camera-based solutions, making it a preferred choice for healthcare providers. Neteera’s continuous, integrated, and smart monitoring ensures peace of mind for patients, families, and healthcare providers. Compliant with SOC 2 and ISO security.

Enhanced revenue opportunities: Neteera’s technology also opens up new revenue generation opportunities through remote patient monitoring and chronic care management programs.

An Unobtrusive Technology with a Profound Impact

Neteera’s ambient patient sensing technology enhances and simplifies patient care in healthcare facilities. By observing patient activities and vital signs without contact, the technology improves patient outcomes with safe, private, and continuous monitoring. It aids healthcare teams in addressing such significant risks and possible costs as patient falls and pressure ulcers. It alerts nurses if a patient leaves bed and doesn’t return or if they remain in one position for too long, allowing for timely interventions.

The integration of this technology with Electronic Medical Records (EMRs) through InterSystems Health Connect enables personalized alerts and care based on the patient’s medical history. This integration helps to prevent complications (costing from hundreds to tens of thousands of dollars) and reduces the risk of provider alert fatigue, ensuring that care is timelier and more effective. The system’s accuracy against false positives and negatives is at the mid-90% level or higher.

About the Winner: Neteera Technologies Ltd.

Neteera is a healthcare technology pioneer enhancing patient care through continuous, contactless monitoring. Their innovative solutions integrate seamlessly into healthcare workflows, providing real-time data to detect anomalies and enable early intervention. By focusing on patient comfort and privacy, Neteera’s technology is transforming the way healthcare is delivered in hospitals, senior living facilities, and post-acute care settings.

About the InterSystems Impact Awards, Selected by an MIT Panel

Each year select client organizations are recognized at the InterSystems READY conference for projects driving positive change. Nominations are evaluated by independent judges from MIT on three criteria:

- **Makes a significant difference**
- **Breaks new ground**
- **Sets an example**

To learn more about the InterSystems Impact Awards visit

<https://www.intersystems.com/intersystems-impact-awards/>.

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