



Satisfying Hospitals, Medical staff and Patients alike.

IndoorPlus⁺

Real-Time Remote Patient Monitoring Solution

Hospital efficiency, clinician trust, and patient peace of mind.

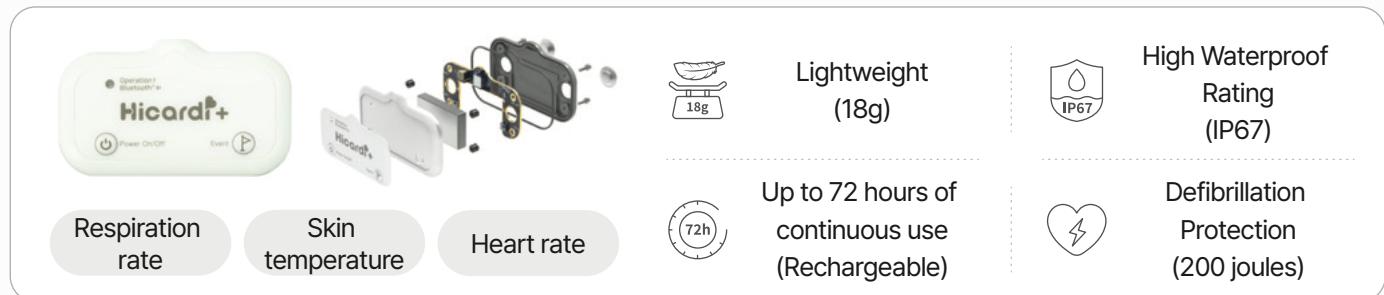
A smart hospital enabled by 24/7 real-time monitoring.

This material is intended for informational purposes for healthcare professionals and medical institutions only.

Solution Overview

The IndoorPlus+ real-time patient monitoring solution is deployed on-premises, ensuring high security and stability, as well as seamless integration with existing EMR systems. The CPU embedded in Hi-cardi performs primary processing of sensor data, enabling uninterrupted real-time monitoring even during network disruptions.

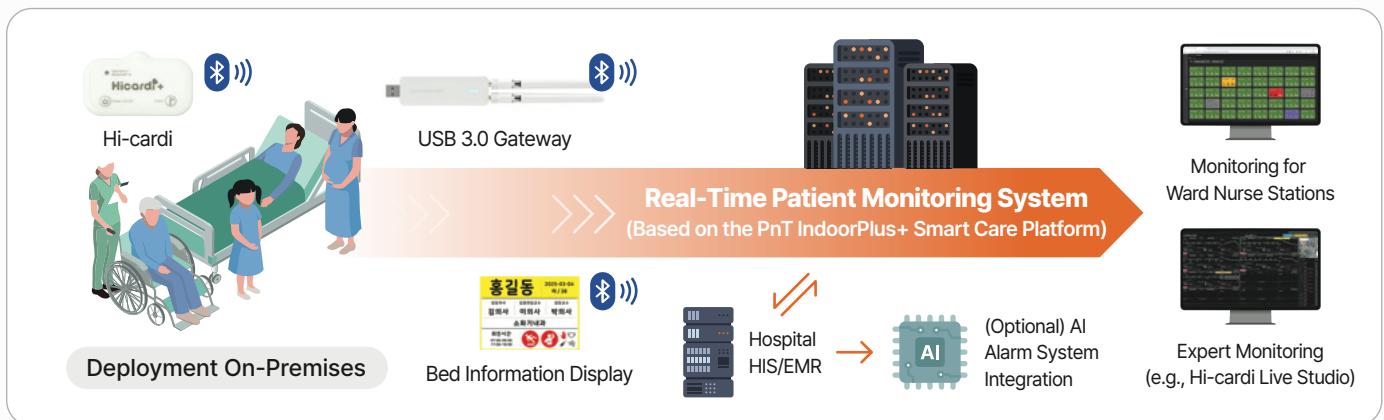
Hi-cardi Plus (Bedside ECG Monitoring Device)



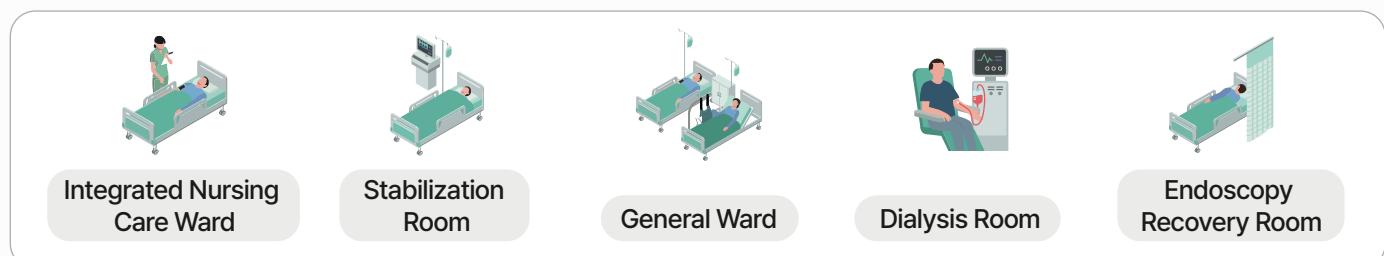
Nonin Oxygen Saturation



Integrated management from Patient Room to Central Station



Optimized for diverse hospital environments



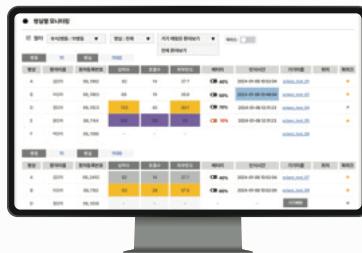
Key Features

With an intuitive dashboard and detailed reports, patient condition changes can be identified at a glance, while risk alerts and history management enable faster and more accurate responses.

Provides customized real-time monitoring views for patient rooms, wards, and specialized monitoring centers.



Patient Card Monitoring Dashboard



Room-by-Room Monitoring



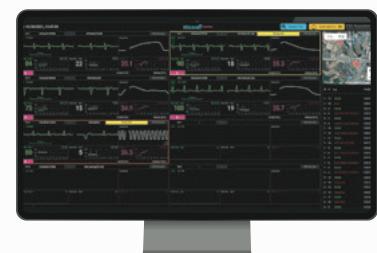
Patient Vitals Data Details



Emergency Alert Window



Emergency Event History



Central Monitoring for Clinical Experts

Dashboard Monitoring

- Enables integrated monitoring of all patients' vital data on a single screen.
- Real-time monitoring of key vital signs such as heart rate, respiratory rate, and body temperature.

Vital Data Analysis and Reporting

- Patient-specific vital signs are visualized through numerical values and graphs, enabling quick assessment at a glance.
- Daily and weekly reports are provided to facilitate analysis of patient condition trends.
- Patient data can be shared in real time across multiple hospital departments, creating an environment that supports collaboration.

Device Mapping and Management

- Simple device mapping enables easy connection and management of monitoring devices for each patient.
- Real-time checking of device status and battery levels.
- Uninterrupted monitoring, allowing all patients to be easily identified on the screen and mapped as needed.

Emergency Alerts and History

- Immediate alert pop-ups and event history logging when critical situations occur.
- Customizable warning thresholds and event alert settings based on patient condition.
- Configurable alert exclusion zones by hospital environment to reduce false alarms.
- Historical data is provided in report form to support effective patient management by medical staff.

Implementation Benefits

Enhanced clinical efficiency for physicians and innovation in patient management.

By optimizing nursing workflows, physicians' clinical efficiency is enhanced and the quality of patient care is improved, ultimately contributing to the delivery of better healthcare services.

Can be combined with independent national health insurance reimbursement codes to generate **Direct Medical revenue**

By reducing nurses' workload, near real-time access to patient information is enabled, contributing to faster clinical decision-making and **improved focus on care**

With shorter workflows and reduced movements, medical staff communication is strengthened and enables faster, **more effective teamwork**

Focused nursing care ensures that changes in patient conditions are not missed, contributing to accurate diagnosis and treatment planning, and **improving the overall quality of healthcare services**



Transforming the core of nursing workflows!

By saving nurses' time and energy, it enables them to focus solely on patient care.



Real-time visibility into patient conditions enables
accurate and rapid response

By reducing the risk of patient falls and cable entanglement, it creates a safer environment that
alleviates nurses' psychological burden

By reducing unnecessary movement, **workflows are significantly streamlined**

Minimizing repetitive tasks enables higher-quality work with
greater focus on patients

Differentiation

As a vendor-neutral platform that flexibly adapts to hospital environments without restrictions on equipment or manufacturers, fast and efficient deployment is enabled by fully leveraging existing infrastructure. By integrating patients' vital signs with location and movement data, a stable and continuous monitoring environment is provided throughout the entire inpatient journey.



Interoperable with a wide range of medical devices in a vendor-neutral manner

As a vendor-neutral platform independent of any specific manufacturer, a free selection and integration of a wide range of medical devices and wearable equipment is allowed. A stable monitoring environment is ensured, even when patients are on the move.



Easy Installation with Plug-in Gateways

Using a plug-in method that connects directly to USB ports of existing hospital infrastructure (such as Wi-Fi access points and nurse call systems), fast and simple installation without the need for additional construction is possible.



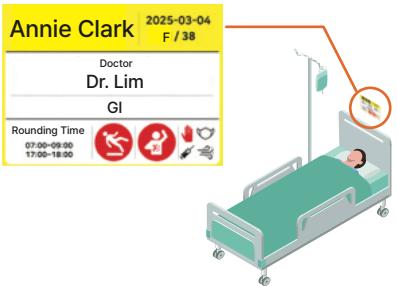
Integrated Monitoring of Vital Signs plus Location and Movement

In addition to patients' vital signs collected through various medical devices and sensors, location and movement data are also monitored, enabling comprehensive oversight of the entire inpatient journey, including bathing, examinations, and rest.

Return on Investment

Hi-cardi can be deployed using existing hospital infrastructure without the need for additional equipment or server installation. A revenue generation model through national health insurance reimbursement claims is possible and already enabled in South Korea.

100% utilization of existing hospital infrastructure, with no need for additional equipment or server deployment



BLE-embedded bed information display



Wi-Fi WPA2-Enterprise enhances security by compensating for Bluetooth Class 1 vulnerabilities through two-factor authentication (2-FA) and TTLS encryption, delivering a more robust security framework.

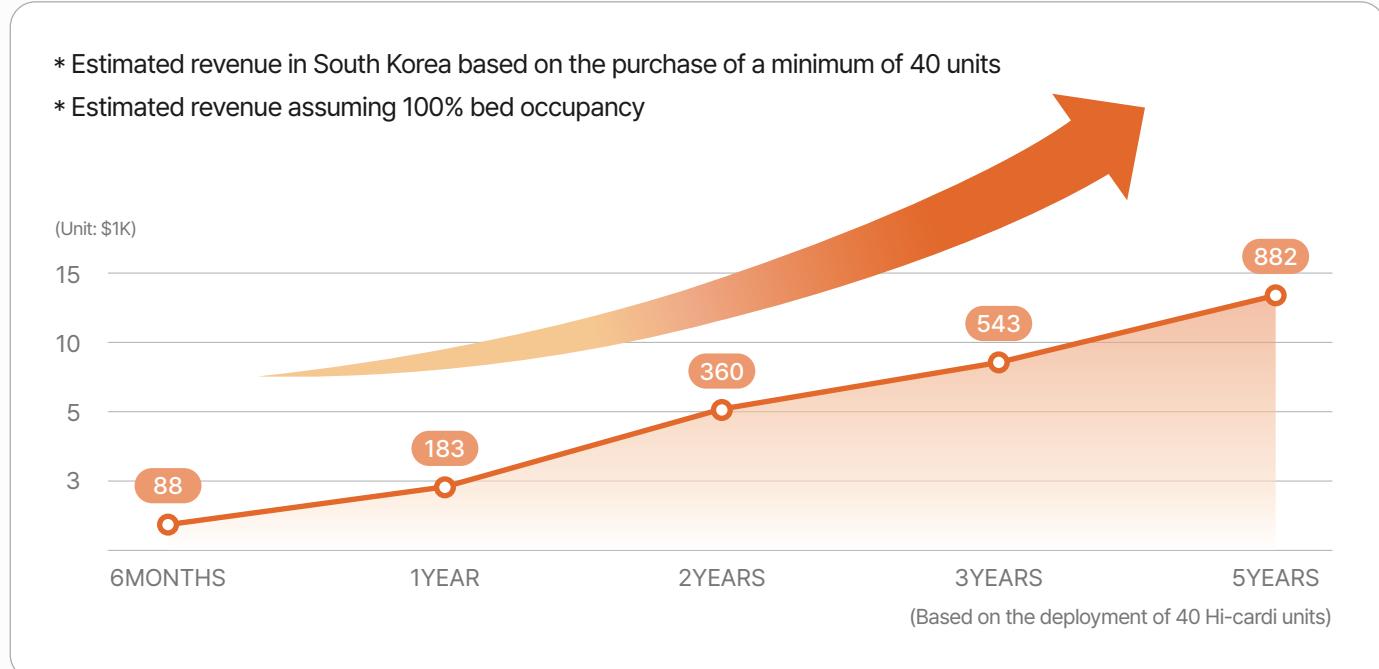


By leveraging BLE, IoMT integration and data collection become possible, reducing infrastructure investment costs. In addition, it provides the foundation for various smart hospital solutions—such as asset tracking—at no additional cost, further enhancing cost efficiency.



API Integration Method Fixed Gateway 3.0 Patient console power utilization

Revenue generation through health insurance reimbursement claims



Lorem ipsum

Operational Support

By minimizing unnecessary tasks and maximizing efficiency, it enables medical staff to focus on their core responsibility—patient care.

Dedicating every moment of medical staff time solely to patients



Inpatient Guide / Video Content Support

By providing inpatient guide messages and video content based on the concept of a 'wireless hospital, 24-hour smart hospital,' it reduces the burden on medical staff of having to explain procedures individually to each patient.

Patient-Friendly Guidance Materials

By providing simple Hi-cardi attachment guides and informational leaflets, it reduces patient inquiries and improves the efficiency of medical staff.

From stable system operation to full utilization



Customized Training for Medical Staff

We provide structured training programs—including initial usage guidance and manuals—so that actual users such as nurses and physicians can fully utilize real-time patient monitoring.

Continuous Technical Support

We provide fast and professional support for any technical inquiries or issues that may arise during system operation, ensuring stable performance without disruption to clinical care.

Company Overview

People and Technology leads the future of smart healthcare, guided by the value of technology for people.

Company Name

People and Technology Inc.

Date of Establishment

2013

Over 10 years of experience in field-proven RTLS, IoT, and AI technologies optimized for hospital, industrial, and urban environments.

Number of Clients

100+

Supplied to enterprises and institutions across diverse sectors, including healthcare, industry, public services, and defense.

**"Beyond the best in Korea,
Toward a world-class AI and DX solutions company."**



"People and Technology continuously researches and develops core digital transformation technologies including IoT, big data, cloud, and AI, addressing real-world challenges and unmet needs across diverse sectors such as healthcare, industry, defense, smart cities, and the public sector through deep understanding and practical solutions.

We go beyond simply providing technology; we are a partner that works alongside our customers to co-create solutions. By delivering DX-based solutions tailored to each customer's operational environment and requirements, and by jointly researching and developing Enterprise AI services that generate tangible value, we accompany our customers throughout their digital transformation journey.

Moving forward, People and Technology will continue to pursue innovation and growth, advancing as a specialized AI and DX solutions company that contributes to solving future societal challenges."

- Hong Seong-pyo, CEO

Key Milestones in the Smart Healthcare Sector

- **2025**
 - Deployment of a real-time patient monitoring solution at Yongin Severance Hospital
 - Deployment of a real-time patient monitoring solution at the National Cancer Center
 - Deployment at Incheon Sejong Hospital and Bucheon Sejong Hospital
 - Deployment at Changwon Jeil General Hospital
 - Deployment at Saegang Hospital
 - Deployment at Incheon Madi Hospital
 - Deployment at International Naeun Hospital
 - Deployment at BS General Hospital
 - Real-time medical device and asset tracking system at Korea University Ansan Hospital
 - Smart ID (electronic name badge) system at Keimyung University Dongsan Hospital
 - Selected for the 2025 Public AX Project: AI development and pilot project for infectious disease response
 - Launch of a 5G-based mobile smart hospital pilot project
- **2024**
 - Smart hospital implementation projects at 10 regional public medical centers nationwide
 - Selected by the Korea Health Industry Development Institute (KHIDI) for the “Digital Healthcare Global Expansion Support Program”
 - Recipient of the AloT Innovation Award (IndoorPlus+ SmartCare)
 - Launch of a real-time patient monitoring solution (with the Hi-cardi wearable device)
- **2023**
 - Smart hospital implementation at major tertiary hospitals
 - Deployment at Incheon Sejong Hospital and Bucheon Sejong Hospital
 - Participation in joint R&D for the Ministry of Health and Welfare-led “Virtual Environment-Based Hospital Operations Technology Development” project
 - Recipient of the 2023 KMETA Global Digital Transcendent Product Excellence Award
 - Recipient of the Minister of Health and Welfare Commendation
- **2022**
 - Awarded the “ICT Grand Prize” at the 2021 Korea Corporate Awards
 - Participation in the national R&D smart hospital implementation project led by the Ministry of Health and Welfare
 - Supply of the asset location tracking solution to Korea University Anam Hospital
 - Supply of the smart hospital asset management platform to Sinchon Severance Hospital
 - Contract signed to supply IoT solutions to Yongin Severance Hospital
- **~2018**
 - Recipient of the Minister of Science and ICT Award for contributions to IoT business activation and export performance
 - Development of Korea’s first BLE-based indoor navigation technology
 - Supply of an LBS solution to the National Cancer Center

**From small and mid-sized hospitals to large medical centers,
we smartly transform clinical workflows and add real value
for healthcare professionals.**



* (주)피플앤드테크놀러지와 함께한 의료 분야 주요 고객사

Enhance clinical efficiency and experience an innovative healthcare environment
that allows medical staff to focus more fully on patient care—with People and Technology.



Inquiries & Implementation Consultation

People and Technology – Medical AI·DX Business Division

- 📍 HQ 2F, 5F, and 8F, Youngchang Building, 27 Samseong-ro 95-gil, Gangnam-gu, Seoul, South Korea
- 📍 Sejong office Room 603, Madrid A, 13-5 Areumseo 1-gil, Sejong, South Korea
- ✉️ email sales@pntbiz.com
- 🌐 website www.pntbiz.com
- 📞 tel. 070-8650-3600