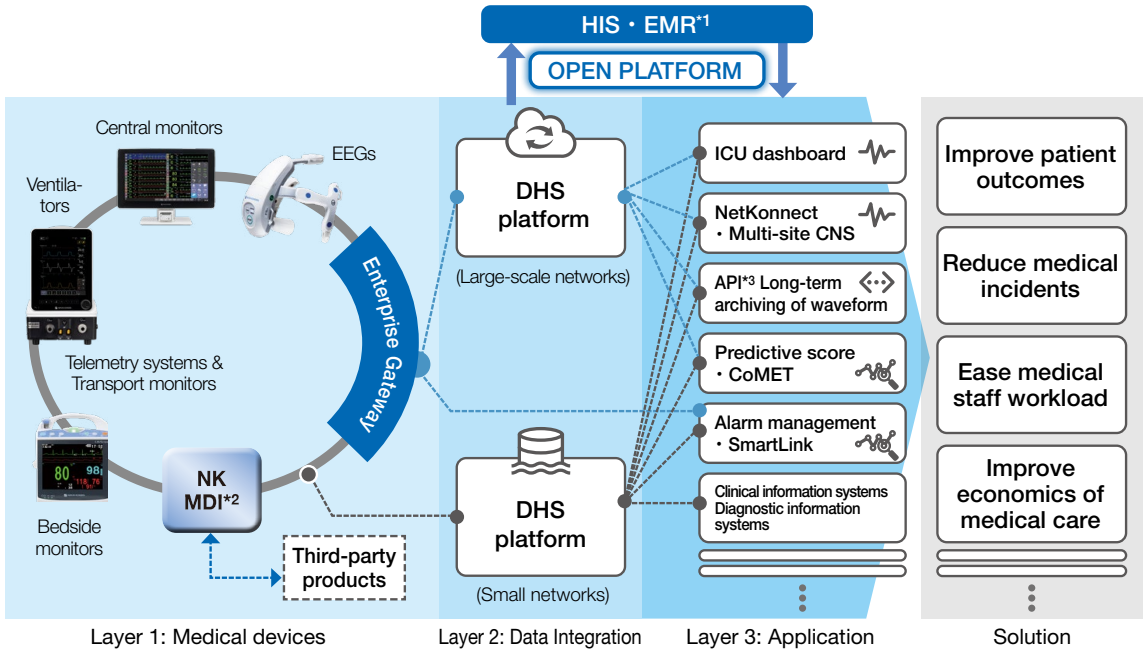
Development of Our Digital Health Solutions (DHS) Vision

Nihon Kohden is promoting the Digital Health Solutions (DHS) Vision to realize its Long-term Vision toward 2030, BEACON 2030.



Overview of our DHS Vision

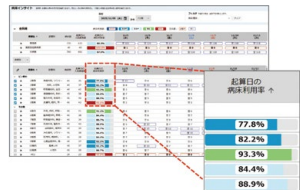
*1 HIS: Hospital Information System, EMR: Electronic Medical Record.
*2 MDI: Medical Device Integration.
*3 API: Application Programming Interface.

In the Three-year Business Plan, BEACON 2030 Phase II, we are advancing the development of various solutions based on the platforms and technological capabilities established during Phase I. In FY2025, following the previous year, we launched a series of software and services developed in Japan and the U.S. into the market.

In Japan, we launched the QP-841N on-site alarm analytics software, which supports alarm management in hospital wards, and the QP-842N admission and discharge management software. Frequent alarms in hospital wards have become a medical issue, as they increase the risk of missing alarms that genuinely require clinical attention, a phenomenon known as alarm fatigue. The QP-841N visualizes and analyzes alarm trends within hospital wards and supports continuous improvement activities based on data. By helping identify the root causes of alarms and support improvement efforts, the software is expected to contribute to enhancing medical safety and easing medical staff workload.
In addition, recent revisions to Japan's medical service fee system have increasingly recognized initiatives that facilitate early patient discharge and home-based recovery, creating a need for hospitals to optimize length of hospital stay and improve hospital bed occupancy rate. The QP-842N acquires, aggregates, and visualizes information necessary for hospital bed management in real time, thereby helping ease medical staff workload, enhance medical safety, and improve hospital management.



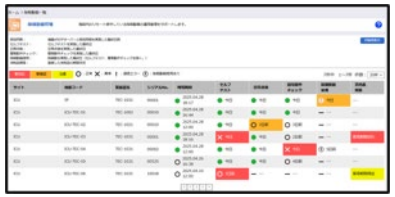
QP-841N
On-site alarm analytics software



QP-842N
Admission and discharge management software

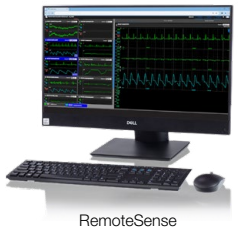
Development of Our Digital Health Solutions (DHS) Vision

Furthermore, we added Defibrillator Management Content to the MD Linkage portal, our medical device remote monitoring system. This latest content enables the centralized remote management of defibrillator time synchronization and device administration through a cloud-based portal, eliminating the need for healthcare professionals to perform these tasks individually while making rounds within the hospital. By providing real-time web-based access to inspection results, consumables expiration dates, and device usage histories, the system helps reduce the time required for medical equipment management, enabling healthcare professionals to devote more time to patient care. Through these capabilities, we expect it will contribute to improving medical safety and advancing the digital transformation (DX) of medical equipment management.



Defibrillator Management Content

In the U.S., we are also expanding the adoption of digital health solutions (DHS) products developed by Nihon Kohden Digital Health Solutions, LLC. RemoteSense, a remote monitoring solution, enables healthcare providers to centrally monitor the real-time status of patients across multiple medical institutions. It supports patient monitoring during nighttime hours, when shortages of physicians and nurses are particularly acute, as well as the establishment of centralized monitoring systems for hospital groups operating multiple facilities. In FY2025, RemoteSense was adopted and highly evaluated by well-known medical institutions such as UMass Memorial Health, because it contributes to improving operational efficiency and medical safety. By offering the solution through a subscription-based model, we aim to facilitate smooth implementation while continuously enhancing the service, thereby driving wider adoption.



RemoteSense
Remote monitoring solution

AlarmSense, an alarm solution, provides cross-functional analysis of alarm data across an entire hospital and individual wards to help reduce alarm fatigue. Through data-driven improvement initiatives, it continuously reduces non-actionable alarms, contributing to enhanced medical safety while enabling healthcare professionals to focus more on patient care. Together with the QP-841N, which is marketed in Japan, it will form part of Nihon Kohden Group's global portfolio of alarm management solutions.



AlarmSense
Alarm solution

Live View Panel Pro, which supports the remote diagnosis of epilepsy, sleep apnea syndrome, and other conditions, provides specialists with an integrated view that enables them to monitor and assess the condition of multiple patients in real time, facilitating efficient neurological care across and beyond medical institutions. In the U.S., the shortage of neurology specialists has increased the need to establish an environment that enables specialists to leverage their expertise remotely. By incorporating feedback from top-end hospitals into its specifications and features and optimizing the user interface, we aim to improve specialists' operational efficiency and support faster clinical decision-making, ultimately contributing to better patient outcomes.



Live View Panel Pro
for advanced remote neurology monitoring

To realize its Long-term Vision, BEACON 2030, Nihon Kohden will continue to contribute to improving patient outcomes, easing medical staff workload, and improving the economics of medical care through the spread of medical digital transformation (DX).