

See more. With ease

BeneVision N-Series

PATIENT MONITORS



Expand Your View



mindray

BeneVision N-Series PATIENT MONITORS



Mindray's BeneVision N-Series brings a premier patient monitoring solution to the forefront of healthcare. Comprehensive, scalable, and efficient, this monitoring platform **will** change the way clinicians manage their patients.

With six monitors utilizing the same user interface, this innovative solution allows you to choose your ideal display size and parameter capabilities. The N-Series' modular design expands, providing a scalable solution, giving you true control of your capital investment. It's the answer to what you need and what your patients deserve – patient monitors that support clinical excellence while also satisfying your organization's total cost of ownership goals.

With N-Series, compromise no more!

Data and Analysis Tools for Your Most Critical Patients

With an expansive selection of system-wide parameter modules plus advanced analysis and alarm management capabilities, N-Series puts precise, relevant data at your fingertips. Using the Mindray BeneLink module, connect to external devices such as ventilators, and anesthesia machines for valuable data integration. This data can then be sent to the BeneVision Distributed Monitoring System (DMS) and/or eGateway for inclusion in the patient's EMR/HIS record. Mindray Clinical Assistive Applications (CAAs) deliver powerful clinical decision tools at the bedside, supporting timely and accurate assessment, diagnosis, and treatment of your most critically ill patients.

How you view your patient's most crucial data is also up to you; the N-Series N19/N22 ultra-thin displays can be rotated on the fly, between portrait and landscape orientation. Simply grasp the convenient handle and guide the monitor to the desired view.



Portrait orientation maximizes the number of waveforms and landscape orientation is optimal for longer waveforms.



Providing an unprecedented level of customization and advanced capability, N-Series is perfectly suited for use across the entire perioperative space – Pre-operative, Operating Room and Recovery. Options such as cardiopulmonary bypass (CPB) mode, NMT, INVOS™ rSO₂ BIS™, and OR-specific user configurations make this a preferred solution for both anesthesiologists and surgical staff.



N-Series NICU-specific features provide comprehensive monitoring, including cardiac monitoring with neonatal arrhythmia detection, OxyCRG, and Neonatal Event Review for rapid access to meaningful patient data, supporting clinical intervention for informed decision-making at the infant's bedside.

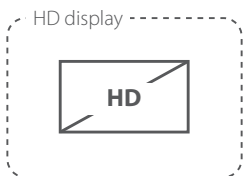


N-Series offers pairing capability with the BeneVision TM70/TM80 telemetry transmitters, supporting patient mobility and transition between bedside and ambulation. When paired, TM70/TM80 act as a front-end ECG, HR, SpO₂, and Respiration sensor, transmitting patient data to the bedside monitor, BeneVision DMS, and all deployed remote applications.

With the innovative N1 3-in-1 monitor at the core, seamless monitoring is achieved easily with each patient. Serving as both monitor and module, and with wireless capability, N1 provides gap-free monitoring from the point of admission to discharge.

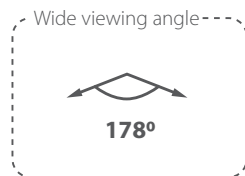
Touch the Future

N-Series is the first-ever patient monitoring platform to incorporate capacitive touch technology across all of its monitors. Now clinicians can use patient monitors just as easily as their smartphones! This groundbreaking technology translates into immediate and measurable user benefits. With a single swipe, clinicians see their data on a variety of configurable screens, such as large numeric mode or mini trends, and they can easily swipe back to normal screen mode, enabling an unprecedented ease-of-use across the entire six-monitor platform.

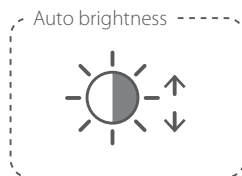


N-Series monitors* provide an HD view

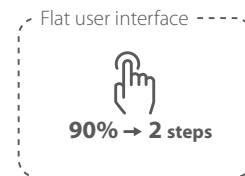
* N1/N12 - WXGA, 170° viewing angle



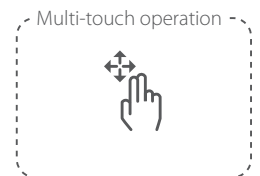
N-Series monitors* can be viewed from virtually any angle



Displays automatically adapt to ambient light



Intuitive operation helps reduce training time and enhances workflow



Adjust the display layout with simple gestures



You can shave minutes off clinical review, analysis, and charting with the N-Series by making traditionally time-consuming monitor interactions now exceptionally efficient.

Redefining Smart

- Use familiar touch gestures to conveniently access applications, reports, or other patient data quickly
- Customize up to 26 configurable quick keys to suit your care area and practice models
- Perform 90% of common monitor functions in just two steps, reducing precious minutes spent searching for data and functionality
- Switch between normal screen, mini trends, and large numerics display modes with a simple two-finger swipe

Maximize time spent caring for your patients!

Rich in Features, Smart in Implementation

N-Series performs the critical measurement and analysis to provide a clear picture of your patient's condition. With a 12-lead ECG interpretation solution enabling bedside viewing, printing, and storing up to 20 resting ECG reports, the clinician can remain at the patient's side and save valuable time. Advanced cardiac monitoring capabilities, including ST monitoring and ST segment templates, aid in detecting ischemia and other related issues.

BeneVision N-Series with iAlarm technology reduces non-actionable, nuisance alarms and provides clinicians with the information needed to facilitate patient care, improve workflow, and support hospital and department alarm fatigue initiatives. Comprehensive arrhythmia analysis with QT/QTc and atrial fibrillation detection, plus a 24-hour ECG report, equip your clinicians to monitor cardiac episodes thoroughly. When notable events occur, the N-Series event database is linked directly to the BeneVision DMS, enabling bidirectional control of event renaming, deleting, annotating, and caliper measurements.





Sophisticated Yet Simple to Keep You Moving

The demands on caregivers continue to increase. Clinicians are responsible for managing multiple patients simultaneously. Therefore, patient monitors designed for the hospital environment must be robust and help clinicians work smarter.

N-Series delivers a range of adaptable solutions that enhance workflow:

- Bed-to-bed remote viewing and alarm watch expand a clinician's reach at the bedside
- Single gesture transition from an alarm condition to event review provides immediate access to episodic data, enabling a fast clinical response
- Intubation mode configurable as a quick key enables efficient alarm management during the intubation process
- Enhance your monitoring setup with independent and repeater screens to enable extended viewing in select care areas such as the Operating Room, ICU, NICU, and isolation rooms
- Minimize device-driven patient disruption when migrating between bed rest and recovery ambulation, supporting improved patient outcomes

The BeneVision Philosophy – See More with Ease

Together, the N-Series and BeneVision DMS provide the highest level of complete monitoring coverage across your hospital – regardless of size or complexity. They provide devices at every acuity level, all of which can operate on a common system and fit nicely within your current IT platform. BeneVision DMS WorkStations, CMS Viewer, and the CMS Mobile App are best-in-class viewing and interactive tools that let clinicians observe, manage, and document a patient’s condition from inside or outside the hospital across the continuum of care. BeneVision DMS enables patients to flex up from a telemeter to an N-Series patient monitor or flex down from a monitor to a telemeter - while maintaining the same patient sector. Mindray’s eGateway integration solution interfaces with hospital systems and, ultimately, the EMR in a safe and secure IT environment, further supporting a complete patient record.



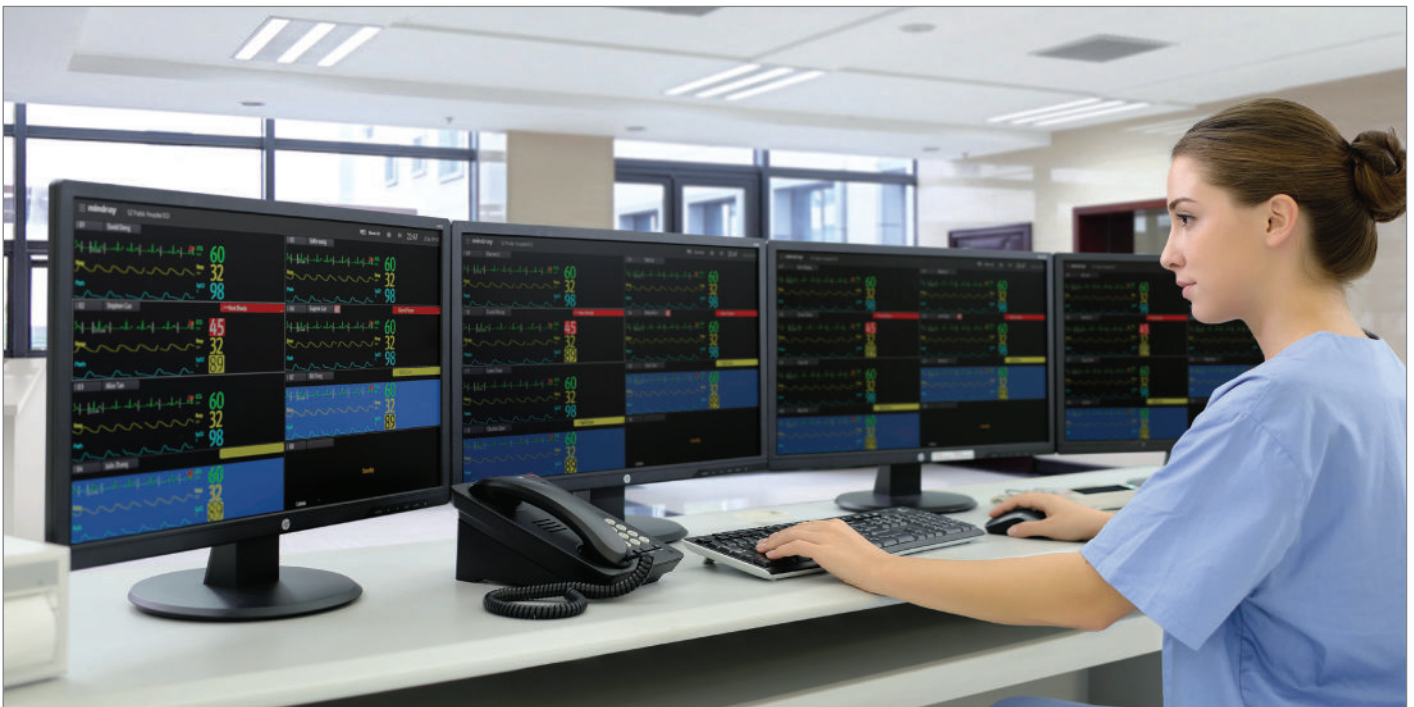
CMS Mobile App



CMS Viewer



Auxiliary WorkStation



Centralized Workstation

Hospital Information System/EMR



eGateway

BeneVision

DISTRIBUTED MONITORING SYSTEM



TM70/TM80

Mobile App

Centralized Workstation

Viewer

Auxiliary WorkStation

N Series

PATIENT MONITORS



N12

N17

N1

N22

N19

N15



BeneLink

A-Series



Ventilator



Committed to Quality for the Lifetime of Your Investment

Healthcare associated infections (HAIs) have become a real threat and are critical to every hospital's risk management strategy. The CDC estimates that HAIs account for an estimated 1.7 million infections and 99,000 associated deaths each year. As consumers become more informed and healthcare organizations are required to increase transparency, patients and healthcare providers alike demand more protection from HAIs.

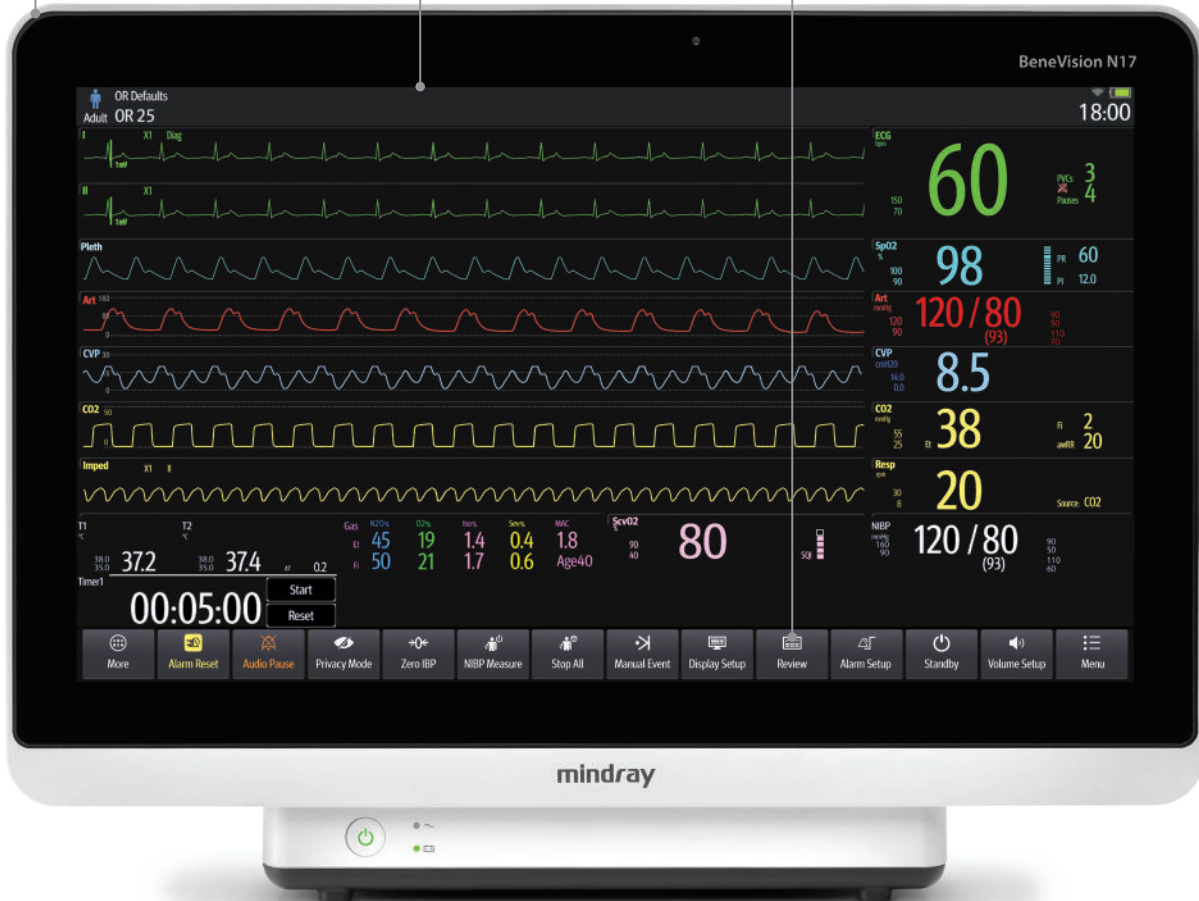


Recognizing the vital importance of infection control and prevention of device deterioration, Mindray designed the entire line of N-Series patient monitors with industry-leading Eastman disinfectant-resistant plastics, disinfectant-resistant plastics which are compatible with a broad range of commonly used disinfectants and are designed to minimize the ingress and retention of fluids.

N-Series is fully compatible with more than 20 of today's most commonly used cleaners and disinfectants

No seams or gaps make it easy to disinfect thoroughly

Touch technology eliminates difficult-to-clean knobs and buttons, keeping clinical staff working safely and efficiently





Your Trusted Partner

We are driven by a desire to provide unyielding service. When you purchase Mindray equipment, you gain access to an entire service organization dedicated to maximizing your uptime and minimizing your total cost of ownership.

The N-Series monitors come with a 5-year warranty and access to the Mindray CARE Team. The CARE Team is a service organization dedicated solely to ensuring you get the most use out of your equipment. With a dedicated team of clinical technology specialists, field service engineers, and in-house technical support specialists, we are committed to ensuring your systems operate smoothly and provide a timely and effective response when necessary.

At Mindray, your mission is our foundation. You strive to provide patients with the best care possible and rely on outstanding medical devices to provide exceptional care. We were founded on the goal of increasing access to outstanding healthcare by delivering high-quality, technology-rich, accessible medical devices that exceed clinicians' expectations and needs. Together, we can provide better healthcare for all.

healthcare within reach



monitoring • anesthesia • ultrasound

Vision: Better healthcare for all

Mission: Advance medical technologies to make healthcare more accessible

Mindray is a leading developer, manufacturer and supplier of medical device solutions and technologies used in healthcare facilities around the globe. We believe we can change lives by making the most advanced healthcare technology attainable for all. We do this by empowering healthcare professionals through innovative, high-value solutions that help create the next generation of life-saving tools across patient monitoring, anesthesia delivery and ultrasound imaging.

At Mindray, we understand the shift in healthcare from volume to value and continuously deliver solutions that matter in this evolving environment. Our team is disrupting the industry, radically addressing today's needs with the technology of tomorrow. We are creating innovative, game-changing products and partnerships, shaping a new conversation for healthcare providers across North America. We work with thousands of healthcare providers day-to-day to drive the development and implementation of smarter technology – solutions that are simple and affordable, easy to adapt, and return bottom line results and meaningful outcomes. Together, we are creating a higher standard for healthcare.

Mindray North America is headquartered in Mahwah, New Jersey. Our Ultrasound Innovation Center is located in San Jose, California with additional facilities in Nashville, Tennessee, and Seattle, Washington.



Mindray North America Corporate Headquarters, Mahwah, NJ



Innovation Center, San Jose, CA

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