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# BeneVision

DISTRIBUTED MONITORING SYSTEM



Clinically-oriented solutions  
for patient-centric care

**mindray**

# **BeneVision** DISTRIBUTED MONITORING SYSTEM



The many patient care challenges facing clinicians today define the critical requirements for comprehensive patient monitoring.

The BeneVision Distributed Monitoring System (DMS) is built on a simple philosophy – to provide clinically-focused solutions that support high-quality patient-centric care.

# Distributed monitoring

Flexible and scalable, **BeneVision DMS** provides monitoring coverage in all care areas and across acuity levels. With a complete range of modalities, from vital signs and bedside monitors, to wireless transport monitors and display telemetry transmitters, BeneVision DMS delivers a complete monitoring solution that allows departments to easily flex monitoring capabilities as a patient's condition changes. Based on a firm understanding of the challenges facing busy clinicians, BeneVision DMS provides healthcare professionals secure access to comprehensive patient data, where it's needed.



# Seamless patient record

An uninterrupted and complete patient record is required to safely deliver quality care and improved outcomes. Whether a patient is in bed, ambulating or on transport, monitoring must be constant and reliable, with no gaps in data. Mindray's **BeneVision N1 Monitor / Module** is both a multi-parameter module and a powerful, compact transport monitor. With BeneVision DMS and N1, data is always stored so you can be confident that your patient data will not be lost in case of a network outage.



Starting as a full-featured parameter module in **N-Series** bedside monitors, the N1 continuously transmits real-time patient data to a central monitoring station and/or your EMR. For patient transport, simply remove the N1 from the bedside monitor and it instantly converts into a wireless transport monitor, immediately connecting with your wireless network and maintaining continuity of data with the central monitoring station/EMR. When the patient returns to the department, reinserting the N1 into the bedside monitor instantly transitions it back to a multi-parameter module.

# Enhanced workflow with data access anywhere



Traditionally, caregivers were limited in how and where they could view and manage patient information. Today, clinicians need adaptable solutions that enhance workflow, without limitations.

Point of care BeneVision DMS WorkStations enhance workflow at every step and can be configured to restrict controls and access based on user role, supporting you in securely delivering quality patient care. Remote WorkStations are entirely scalable, from fully-interactive to view-only, with over 20 configurable functions and a choice of single or multi-display setups based on use models.



**BeneVision CMS Viewer** provides a single patient view and allows clinicians to remotely and securely access data from any PC or tablet.

Real-time patient data can even be viewed on a smartphone (iOS or Android) with the **BeneVision CMS Mobile app**.

Provide remote coverage and overreads through a **Remote WorkStation** across a wide-area network (WAN).



Clinicians can also transfer patients between departments while maintaining a complete patient record. When authorized, the corresponding receiving units have visibility to historic patient information, improving immediate care of newly-admitted patients. Clinicians can feel confident knowing that when new patients arrive to the floor, their relevant data will be there too.

Convenient e-file of real-time and historic data can also be sent directly to the EMR replacing traditional paper printing. Decrease workload, eliminate print cost, and improve access to critical patient data, all while supporting the environment.





## Scalable monitoring for complete coverage

Standard of care requires the application of monitoring modalities based on patient acuity level and condition. As circumstances change, so do monitoring needs. Typical patient monitoring systems cannot adequately support these fluctuating demands.

BeneVision DMS helps departments flex their monitoring solution via a suite of bedside, transport and mobility monitors, plus parameters which can be added or removed as needed. The flexibility of the BeneVision DMS solution helps you deliver quality care everywhere across your facility:

- Monitor CO<sub>2</sub> on typically-unmonitored patients with potential respiratory depression with Accutorr 7
- Transition an ambulating ICU patient from a bedside monitor to a telepack and back, without ever discharging the patient or removing electrodes
- Pair BeneVision TM70/TM80 telemeters with a BeneVision N-Series monitor to facilitate ambulation, with all data viewable at the bedside monitor and BeneVision DMS



# We provide the flexibility, you decide how to optimize it

BeneVision DMS enables patients to flex up from a telemeter to a N-Series patient monitor or flex down, monitor to telemeter, always maintaining the same patient sector. Such effortless transitions encourage mobility and support patients in their recovery.



# M-IoT management console

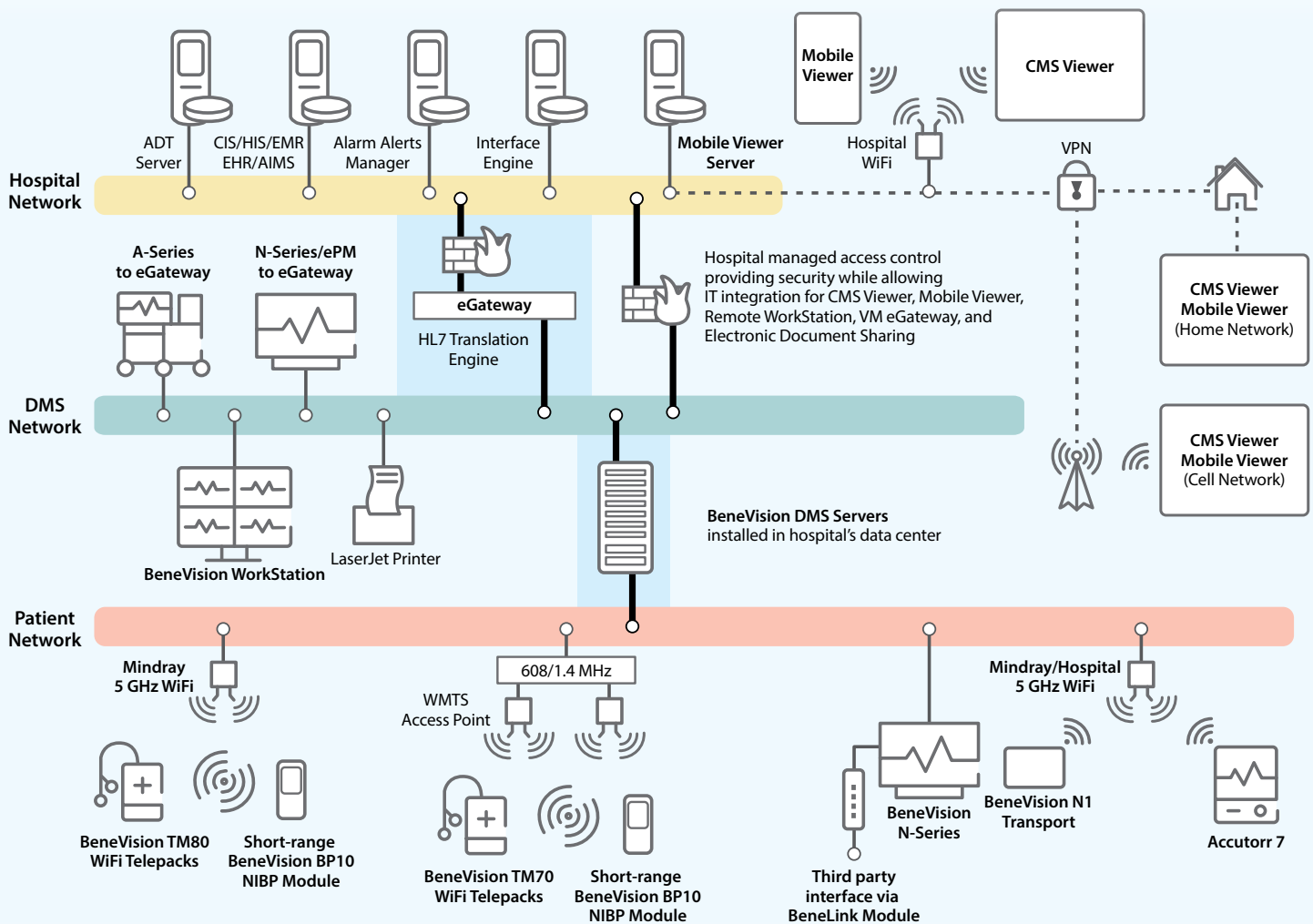
Managing your medical device system has never been easier; using Mindray's Internet of Things (M-IoT), perform event notification, asset management, and centralized configuration through the intuitive, remote console.





# Robust network solution

Mindray's **eGateway** integration engine interfaces with other hospital systems and ultimately the EMR, in a safe and secure IT environment. BeneVision DMS WorkStations, CMS Viewer, and the CMS Mobile App are scalable, 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.



# Secure and efficient network integration

Whether a Mindray-installed medical device network or a hybrid solution using a facility's own network, BeneVision DMS is customizable to securely meet the demands of today's complex healthcare delivery systems. Scalable to 2,000 patients, the robust architecture supports High Availability and Disaster Recovery.

Clinician Role & Location

Department or Setting

Monitoring Modality & Sensors

Patient

## Quality care at every level

In today's highly complex healthcare system, providers are asked to deliver safe, high-quality care more efficiently. With a patient-centric, clinically-oriented solution focused on scalability, seamless data, and accessibility, BeneVision DMS helps clinicians overcome daily challenges and achieve the ever-important goal of delivering quality care everywhere.



Clinically-focused solutions that support high-quality, patient-centric care

## healthcare within reach

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.

We are creating innovative, disruptive and 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.**



driven



trustworthy



progressive

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