

BeneVision™
See more With ease

Central Monitoring System
Visible anywhere
Flexible system
Easier to use

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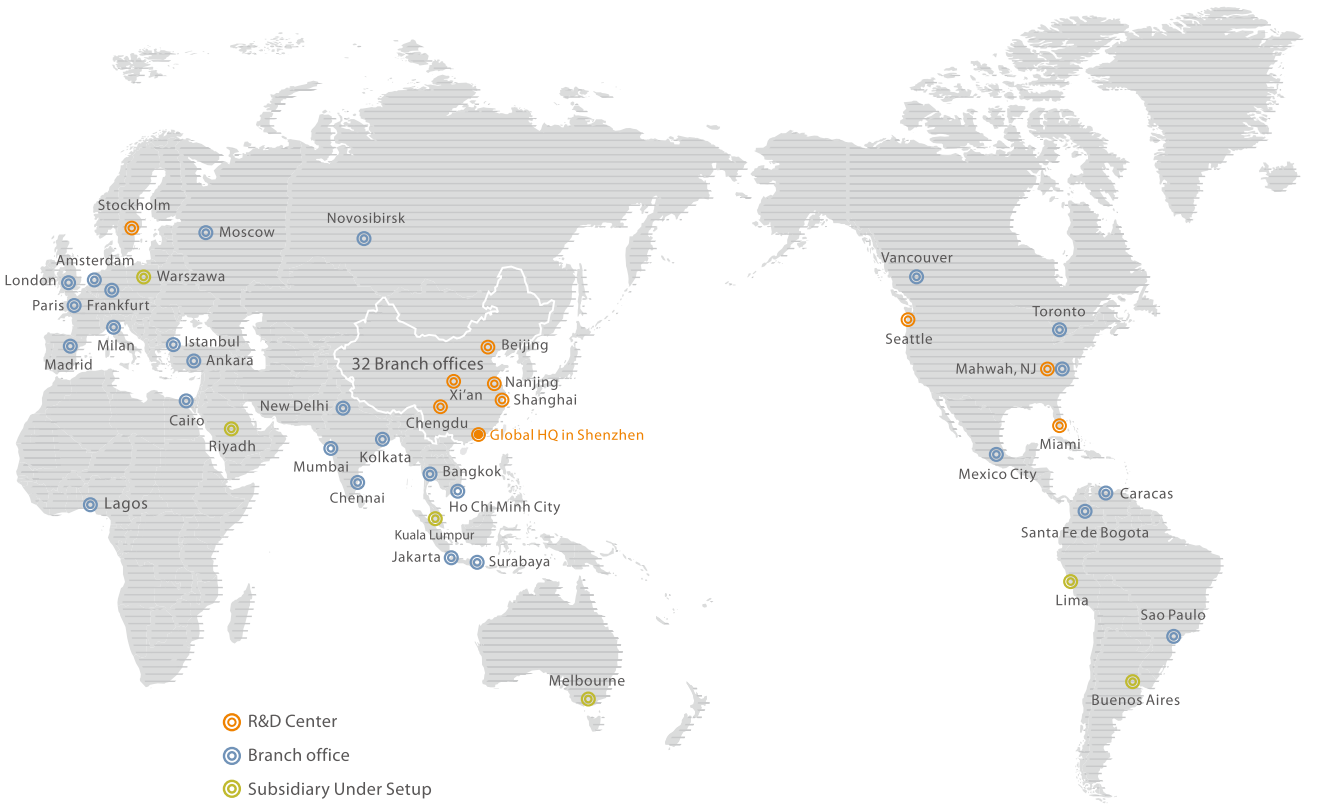
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Mindray is listed on the NYSE under the symbol "MR"

mindray healthcare within reach

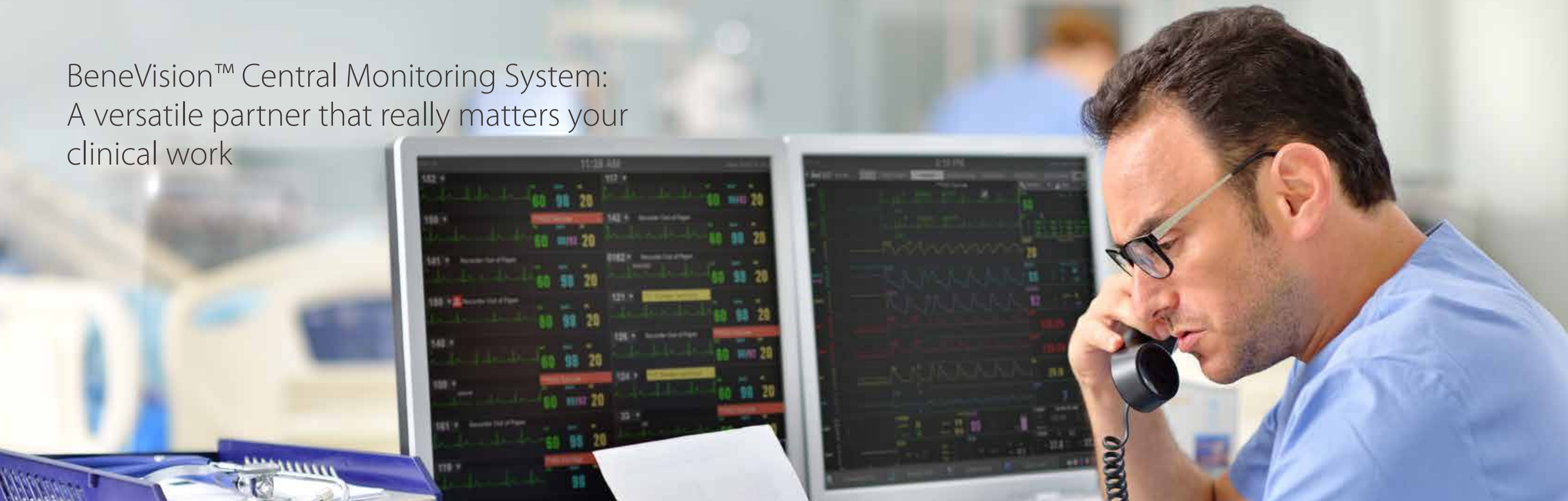


BeneVision™
Central Monitoring System
A better vision of care



mindray
healthcare within reach

BeneVision™ Central Monitoring System: A versatile partner that really matters your clinical work



A traditional central monitoring system will provide caregivers with reliable, timely physical data and comprehensive analysis tools for making appropriate clinical decisions. But with the necessary requirement for efficiency and the rapid advance of IT network technologies, today's patient monitoring covers more and more clinical environments, such as Emergency Room, Pre-operation Room, Post-anesthesia care unit (PACU), step-down units, ambulatory care, patient transport and even general wards. Systems must therefore constantly evolve to make data flow and user interaction much easier and more efficient across the whole hospital.

BeneVision™ Central Monitoring System redefines versatile clinical surveillance. It performs accurate real-time monitoring with extensive review applications and sophisticated analysis tools to fast-track patient care and clinical decisions. BeneVision is a truly scalable monitoring network with 4 correlative system components - Central Station (CS), Work Station (WS), View Station (VS) and CMS Viewer which can be combined in any combination to build to the most flexible monitoring system.



Comprehensive information for my patients that I can access quickly and view clearly on a single screen helps me to improve my care efficiency.



I want to clearly review the entire patient monitoring information whenever and wherever I need.



It has to fit in with our existing IT infrastructure and stay easy to maintain.



We need a better solution to improve care quality with reasonable investment.

BeneVision™ Central Monitoring System: Patient in control at any point of care



For a comprehensive review of multiple patients admitted to the CentralStations of different departments, WorkStation(WS) enables any clinical supervisor to survey and review the patients' condition more conveniently, such as in the hospital WarRoom.



ViewStation(VS) is more likely a shared view the centralized monitoring information, which can be located anywhere it is needed, such as the doctors' lounge, corridor and lobby. It shows synchronous real-time waveforms and alarms, and supports specialized display configurations with a touchscreen as well. What's more, a VS can receive and display information from patients admitted to different CSs.



A WorkStation(WS) for the Caregroup facility is more concentrated on the patient(s) in the immediate area. As well as monitoring real-time information, you can adjust settings, such as alarm limits, which will be synchronized on both the bedside monitor and the basic CentralStation.



The central component of BeneVision Central Monitoring System is the CentralStation (CS), usually located at the Nurse Station. It can admit or discharge patients, manage patient alarms and has the highest management authority, as well as presenting real-time and historical waveforms and information.



For even greater flexibility, CMS Viewer is a mobile BeneVision central monitoring system in your pocket. You can get comprehensive patient monitoring information for clinical decision making via a cell phone, iPad or laptop no matter where you are.

Improve care efficiency with your own simplified workflow

Comprehensive

19" TFT LCD flat screen displays up to 4 waveforms per patient in a flexible layout for multiple patients, and up to 11 waveforms for detailed review with simple scroll up and down. All the measurements from the bedside monitors plus integrated information collected from peripheral devices such as ventilators, is stored and shown on BeneVision Central Monitoring System: information in one place at a glance.

Timely

Whether you are in the corridor or taking a short break in the lounge, a glance at the ViewStation display will keep you up to date on your patients' condition. If an alarm condition occurs, highlighted flashing displays and messages will alert you quickly, especially important if the patient is on telemetry, where the location capability within BeneVision Central Monitoring System will help find the patient quickly.

Efficient

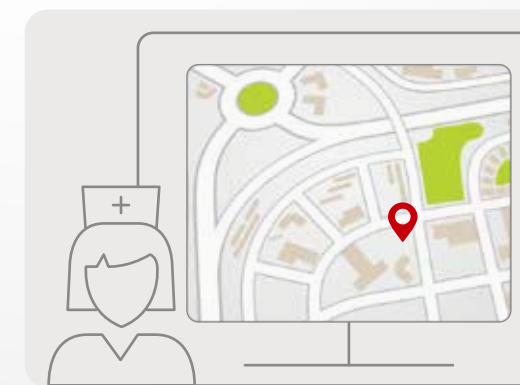
Your workflow becomes simple but efficient with BeneVision Central Monitoring System. The patient history stored in T1 transport monitor will automatically transfer to the new main monitor and then to CMS for storage. Monitors are up and running quickly with no requirement to admit the patient before monitoring starts. Additionally, auto-generated clinical reports can reduce paperwork and leave more time for patient well being and treatment.

Dedicated and Customized

A WorkStation dedicated for the CareGroup in each department simplifies workflow and reduces information overload. You can just select the particular patients you are looking at on the monitoring screen, and customize the system configuration to suit your needs.



The comprehensive single patient view screen shows all monitored data as you scroll down, along with data from integrated peripheral devices in the same screen.



Real-time and historical location information on telemetry monitors can easily be checked, helping to locate patients when necessary

Strengthen clinical confidence with comprehensive information at any time



ST graphics



Full-disclosure



ABPM Analysis



12-lead ECG report

Professional

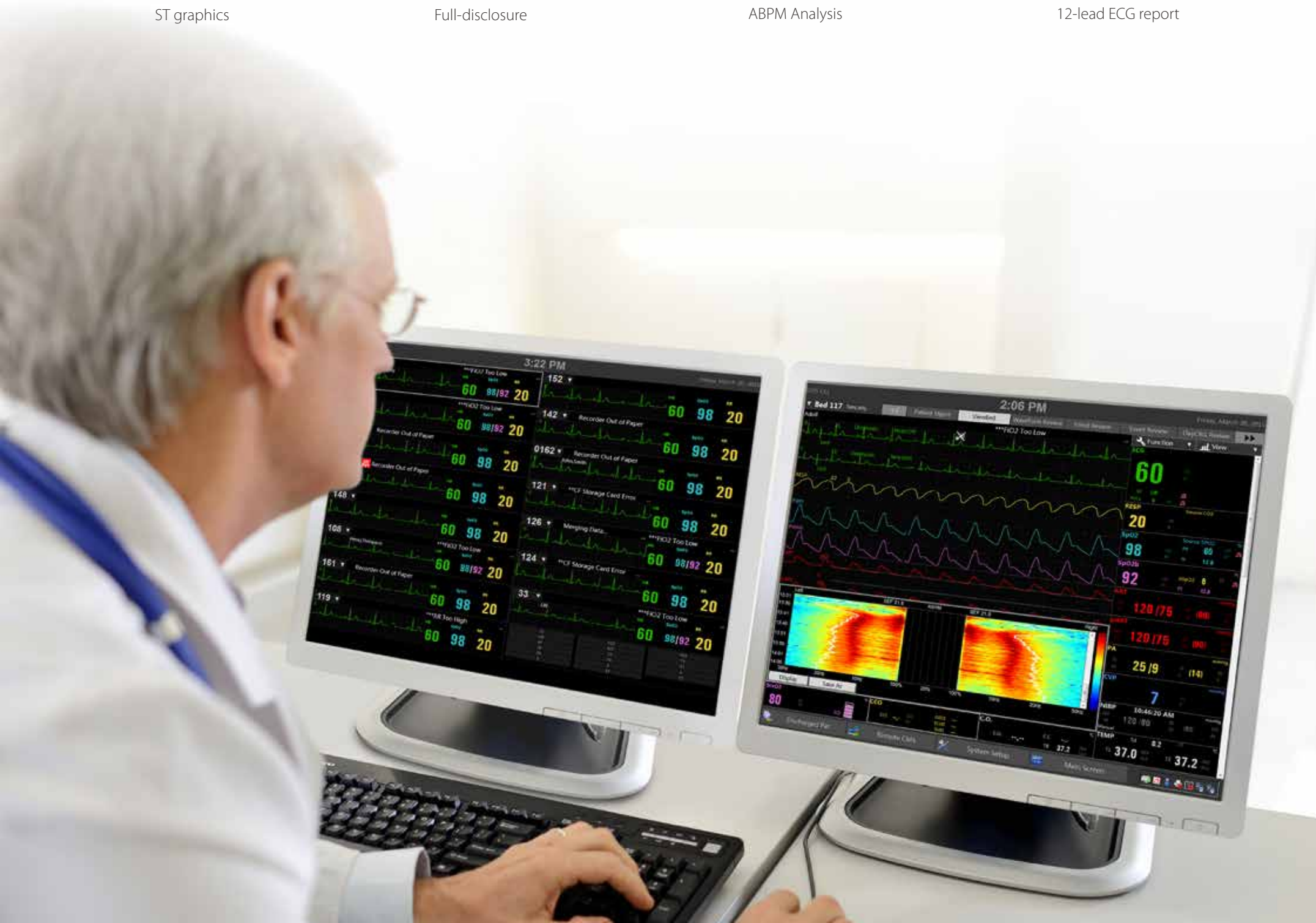
BeneVision Central Monitoring System provides more reliable tools and integrated patient history for helping physicians to make timely and accurate clinical decisions. The new ST graphic shows real-time ST value variation from the baseline, and the classification in inferior, anterior and lateral direction helps assess the patients cardiac condition quickly. Moreover, with the latest Mindray ambulatory BP monitoring technology, ABPM analysis reports can be reviewed and printed.

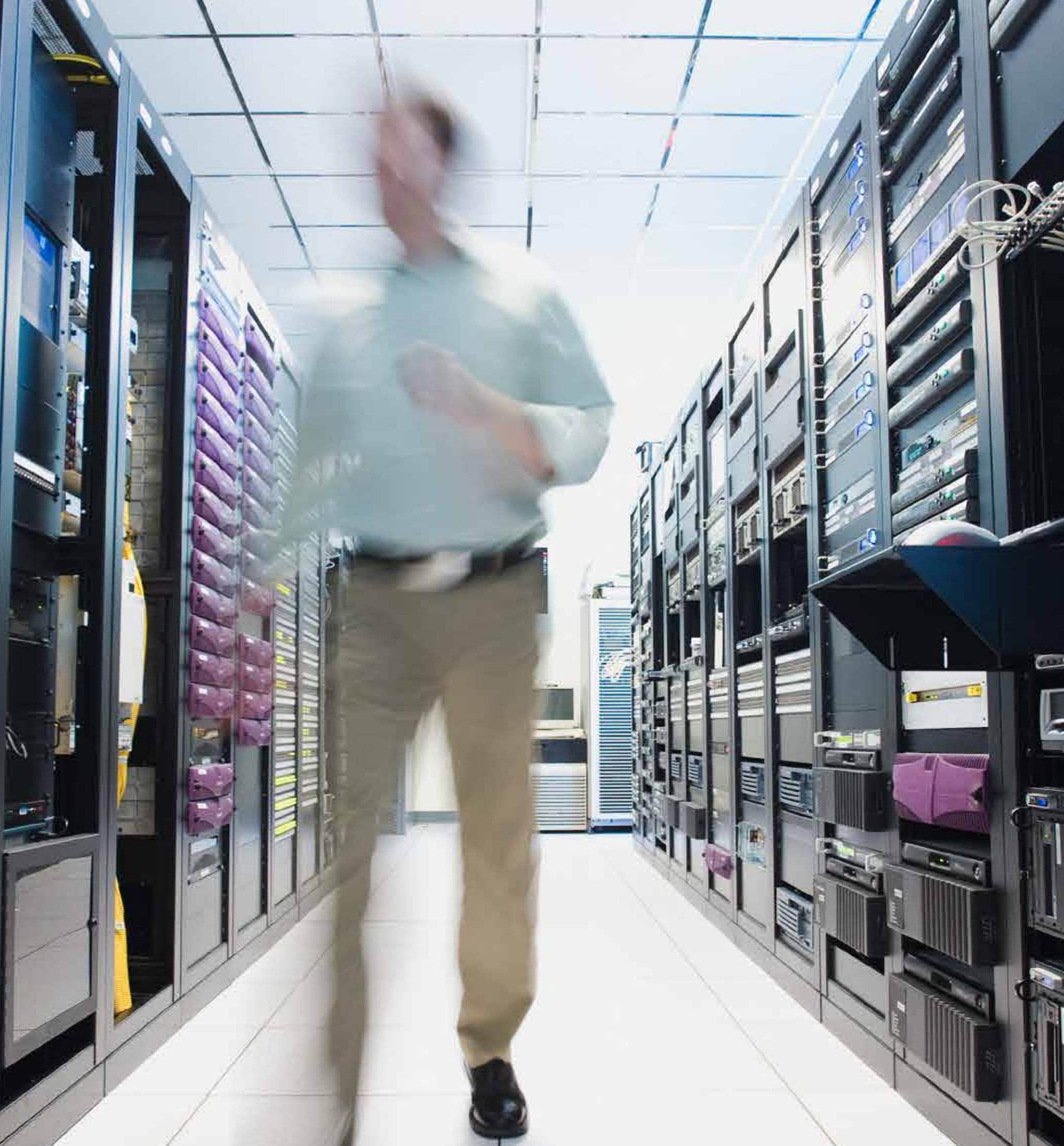
Plentiful

You can understand your patient more deeply and comprehensively via several screens and applications, from the immediate situation or an overview of the entire monitoring history of up to 10-days of full disclosure. BeneVision Central Monitoring System supports 8 sorts of review, in addition to historic review, for up to 20000 discharged patients depending on the storage volume.

Flexible

The variety of product options ensure flexible access to patient data wherever you are and whenever you need it. With CMS Viewer, a free application that can be installed on your mobile phone or tablet PC, you can review a patient on any connected CS.





Access to hospital network with enhanced IT solution under your strategy

Adaptable

The underlying infrastructure of BeneVision Central Monitoring System is full 3-layer, supported and standard based so that it fits perfectly into your existing network without any extra investment. With the utilization of DNS and DHCP technology, BeneVision Central Monitoring System supports large network deployment up to 1200 beds for mixed wired, wireless and WMTS telemetry connections. The IHE HL7 protocol output through eGateway makes it very easy to connect CMS with other hospital systems such as EMR and HIS.

Reliable

Data security is the biggest concern for IT technicians. So, BeneVision Central Monitoring System supports Enterprise encryption and customer password policies and incorporates McAfee white list to block external intrusion. The system adopts RAID1 technology for error and disaster tolerance design, with QoS support to ensure data transfer quality when network delay or congestion occurs.

Easy to maintain

BeneVision Central Monitoring System can be fully virtualized on your own server hardware via a VMware environment, which is easier for IT clustering maintenance and cost control. It also provides immediate wireless conditions such as signal intensity, signal noise ratio(SNR), etc. for helping IT technicians to install or maintain a stable and efficient WiFi environment.

Compatible & Cost-efficient



BeneVision Central Monitoring System covers the whole family of Mindray patient monitoring products from VS-900 Vital Sign, iMEC & iPM Series, BeneView T Series to brand-new BeneVision N Series and TM80 telemetry monitor. Plus, the intuitive user interfaces stay consistently in the Mindray style. So, it is very easy to use and the cost for training and upgrade is significantly reduced.

Interfacing with various existing hospital information system, such as EMR, HIS, PACS, LIS, etc. enables your clinicians to have access to comprehensive and relevant clinical patient information whenever and wherever they need. Standard-format 12 lead ECG interpretation analysis reports are also provided to integrate with ECG Management Systems.

With our whole solution, the entire patient monitoring data across the continuum of care is well organized. Integrity is assured with industry-leading BeneView T1 transport monitor and the ground-breaking continuous data transmission strategy on BeneVision Central Monitoring System. All these present a qualified, real patient centered care station that better supports your hospital's vision and mission.

