

# BeneVision™

See more With ease



## BeneVision™ N22/N19 Patient Monitor

Change your perspective, again  
Maximize your confidence  
Built for a paperless future

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**mindray**  
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Pls refer to user manual for manufacturer information  
P/N-ENG- BeneVision N22/19-210X285X14PX20150926



## BeneVision N22/N19 Patient monitor

Always in sight, always in mind



**mindray**  
healthcare within reach

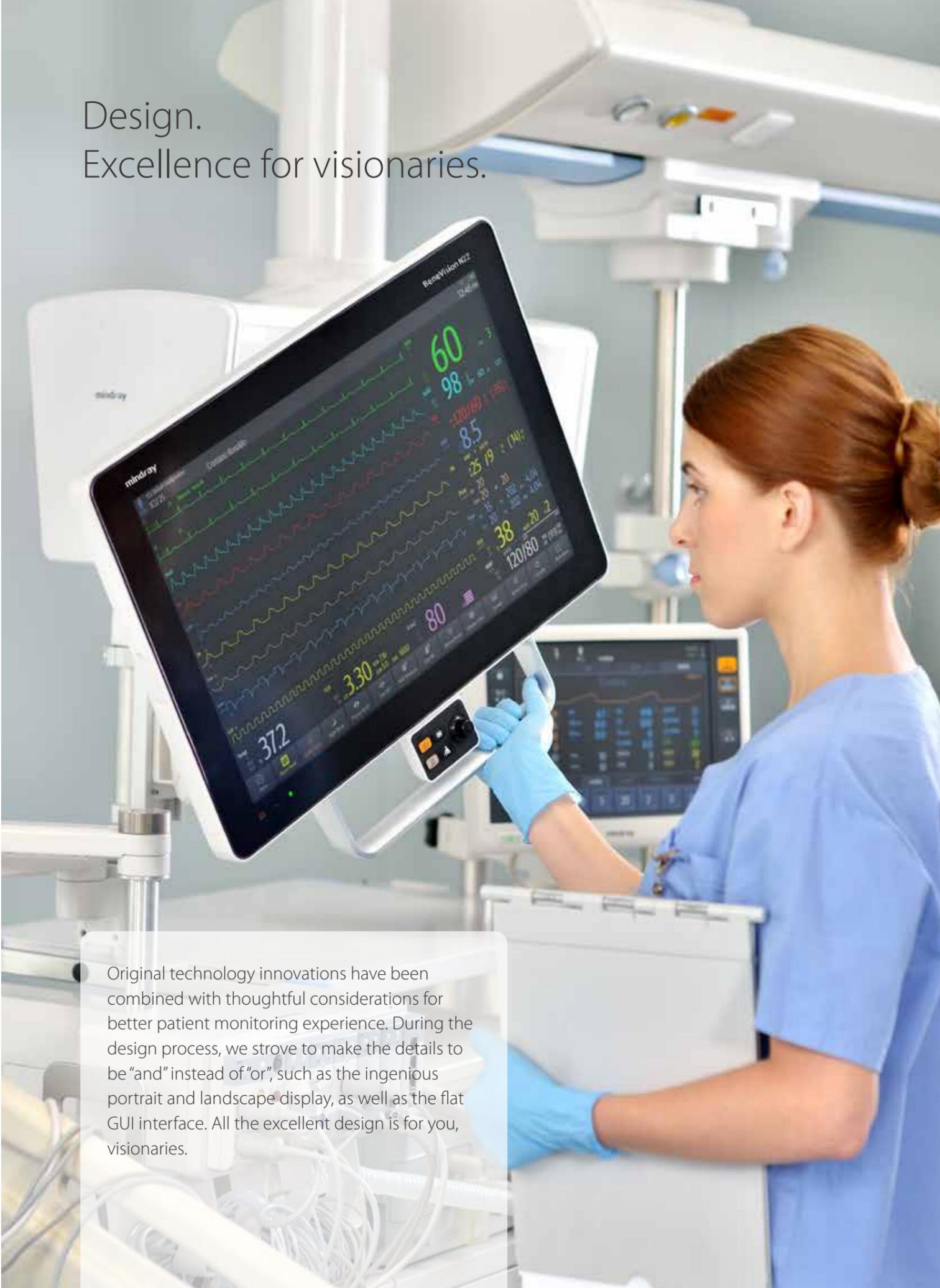
# BeneVision. Change your perspective, again.

## BeneVision N22/N19

In Mindray, we believe the best way to predict the future is to create it today. We're thinking how to help you save your time in order to save more lives. We also focus on clinical safety, and efficiency. Now for the first time in the world, the BeneVision patient monitor ROTATES between landscape and portrait. You have both higher and wider clinical sights for your smarter patient care.



Design.  
Excellence for visionaries.



Original technology innovations have been combined with thoughtful considerations for better patient monitoring experience. During the design process, we strove to make the details to be "and" instead of "or", such as the ingenious portrait and landscape display, as well as the flat GUI interface. All the excellent design is for you, visionaries.



Modular design brings so many amazing creations.

- Measurement modularity allows you flexibility in patient care and efficiency in investing.
- iView module combines the embedded powerful PC and patient monitor together. The exquisite design resolved cooling problem and realized fanless design.
- Ultra-compact main unit and big screen support both integrated and separated combination.



Auto



Built-in



No fan



Seamless

# Innovative. Maximize your confidence.

Everyday, Mindray delivers accurate, real-time, physiological measurements data from millions of patients worldwide, which clinicians have some to rely on when making decisions. BeneVision provides the world-best monitoring technologies for you, and promotes the new ones continuously.



## Cardiology

ΔST monitoring and ST segment templates.  
Real-time QT/QTc measurement.  
Glasgow 12-lead resting interpretation.



## Hemodynamics and volumetric

Less-invasive PiCCO and ScvO2 monitoring.  
Non-invasive cardiac output with ICG module.



## Airway gas and lung mechanics

Artema's two latest airway gas modules with more compact measurement features:  
Low flow CO2 +O2 module.  
AION Multi-Gas +SPIRIT respiratory mechanics.



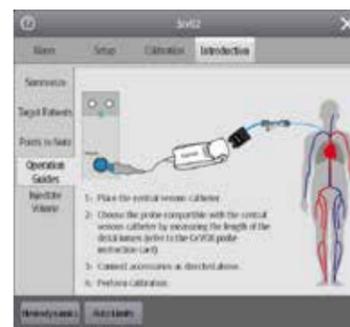
## Tissue perfusion

INVOS rSO2 provides a noninvasive and continuous reading of changes in regional oxygen saturation of blood in the microvascular of the tissue.

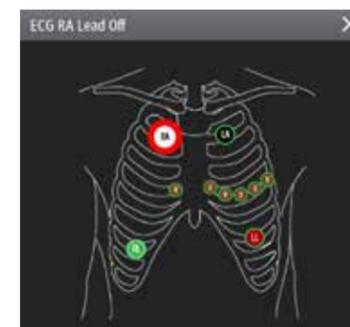


## Neurology

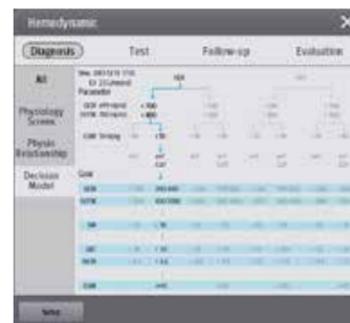
EEG, and BIS/BISx4 monitoring.  
Advanced NMT monitoring technology can detect the movements in all directions accurately.



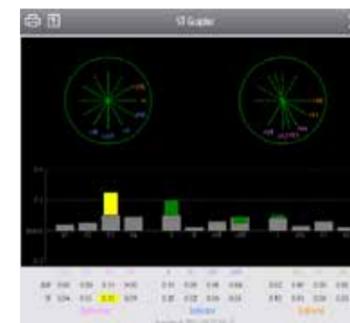
Online Guide



Infographic alarm



HemoSight™  
Help clinician to make decision through a sets of hemodynamic assistant application



ST Graphic™  
Fast and accurately detect changes in ST values for analysis.



Comparison review  
Events summary and details ease the context evaluation.



## Mobility. Streamlined as always.

Since the introduction of the world's first portable cardiac monitor in 1964, Mindray has committed itself to being the pioneer to mobilize the patient earlier for better recovery. BeneVision extends typical mobile monitoring solution with more wireless roaming, data continuity, and streamlined workflow in every situation. Combined with its patient-worn telemetry monitor which is also a cableless measurement module, BeneVision ensures a supreme level of mobility and give more freedom to both patient and caregiver.



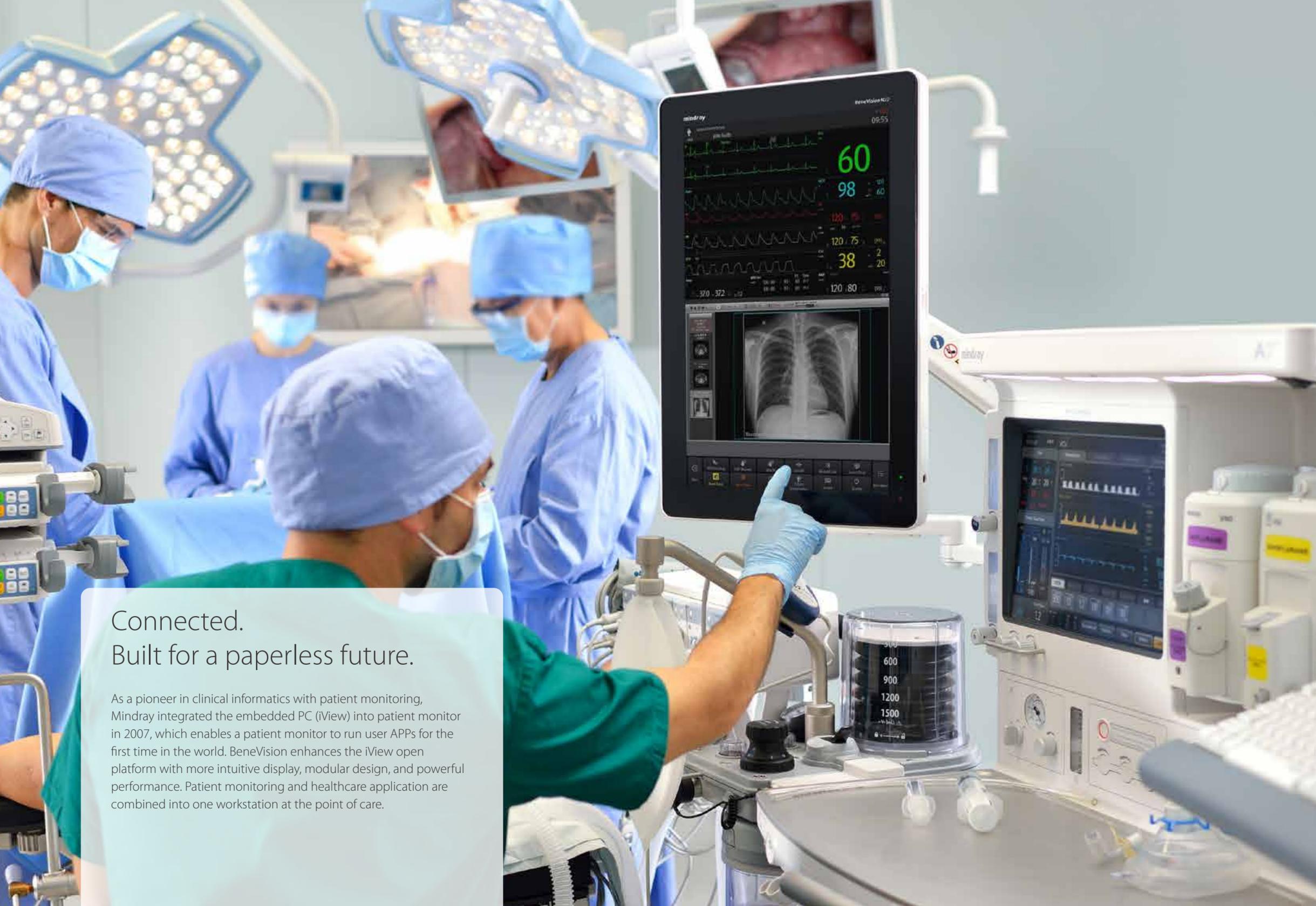
BeneVision N22/N19 wirelessly pairs with its TM80 and BP10 patient-worn modules for cableless measurement at the bedside and beyond.



Ambulatory patients monitored around the bedside and beyond the telemetry.



Mindray classical transport monitoring solution with BeneView T1/TDS also works with BeneVision seamlessly for critical care.



Connected.  
Built for a paperless future.

As a pioneer in clinical informatics with patient monitoring, Mindray integrated the embedded PC (iView) into patient monitor in 2007, which enables a patient monitor to run user APPs for the first time in the world. BeneVision enhances the iView open platform with more intuitive display, modular design, and powerful performance. Patient monitoring and healthcare application are combined into one workstation at the point of care.

Mindray provides a flexible solution for caring about your patient's status anywhere, anytime, even on your way through mobile devices. . .Based on layer 3 network structure, Mindray patient monitoring system has a high network adaptability to integrate hospital's current networks efficiently.

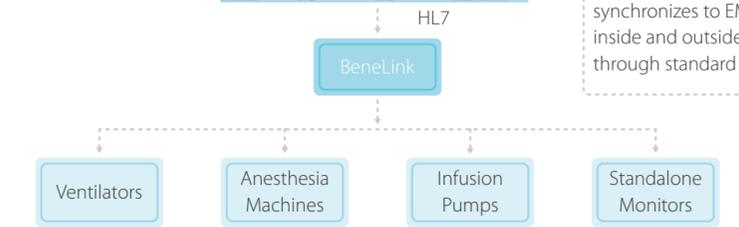
With Mindray's central station and eGateway further connecting BeneVision with your clinical world, bedside devices data and other clinical system data is shared for your diagnosis and clinical decision.



BeneVision  
EMR(Electronic Medical Record)



BeneLink collects up to 4 bedside devices data and synchronizes to EMR system both inside and outside the BeneVision through standard HL7 interface.



iView can run your own clinical Apps(such as PACS, LIS, HIS/CIS, and EMR) on one intuitive view and connects with hospital infrastructure network directly without any additional server or gateway.

With its 1680 x 1050 pixels 22-inch screen BeneVision N22 has a perfect split layout in portrait display. No need to worry that the waveforms will be obstructed by the iView application window during you browse the patient's information.