



## 12-Lead Monitoring, Redefined.

- **Make every bed a "Cardiac Bed"**  
12-Lead Acquisition and Interpretation, continuous 12-Lead ST analysis, Arrhythmia analysis and QT analysis at every N-Series monitor
- **Rapid 12-lead study with Easy Printing**  
Obtain the 12-Lead study, review at bedside and print diagnostic quality 12-Lead ECG data to a laser printer direct from the N-Series or create a PDF at the BeneVision DMS
- **BeneVision DMS allows for PDF Printing and distribution via the eGateway**
- **Continuous 12-Lead Monitoring**  
Rather than a single snapshot
- **N-Series capability and flexibility**  
N-Series standard features include 3, 5, 6-lead ECG, Masimo RD SET® SpO<sub>2</sub>, 2 IBP, NIBP, respiration, temperature and arrhythmia analysis with QT/QTc interval monitoring and atrial fibrillation (Afib) detection
- **Pure-Web Application**  
No special application required for Cardio Server
- **Simple On-line Reading**  
One-click confirmations for normal ECGs with Intelligent Serial Comparison
- **IT Friendly**  
Cardio Server is a software-only application; integrates with all major EMRs
- **Cost Effective EMR Integrations**  
consolidate multiple interfaces into one integration

## Save Time. Save Lives.

Mindray North America has formed a partnership with Epiphany Healthcare.

This partnership allows Mindray 12-Lead Cardiac Monitoring data to be exported to Epiphany's Cardio Server. Supported by the BeneVision Distributed Monitoring System (DMS), Mindray customers now have access to the distribution and archival benefits of Cardio Server.

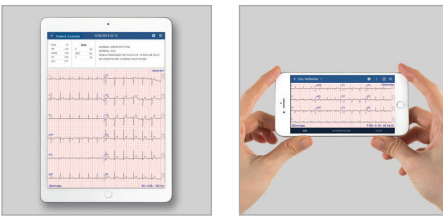
**Cardio Server** is a pure-web, browser-based, user-friendly application that receives, manages, archives and exports diagnostic test results from over 260 devices to EMRs, assisting hospitals in their goal of achieving meaningful use. With Cardio Server, you can quickly create confirmed, digitally signed **12-Lead ECGs**. Users access and edit studies via a standard web browser.



**The Mindray N-Series Monitors**, all of which can be configured with 12-Lead acquisition are essential components to providing quality cardiac care within your patient monitoring platform. The N-Series monitor can obtain and store as many as 20 12-Lead studies. Reviewed for accuracy at bedside, the 12-lead study is then distributed through the BeneVision DMS network for access through BeneVision DMS WorkStations, the BeneVision CMS Viewer and via the Mindray eGateway to the Epiphany Cardio Server application. Cardiac monitoring with continuous 12-Lead ST Analysis, Arrhythmia Analysis, QT analysis and Interpretation allows a clinician to get a picture of the patient's heart before they exhibit symptoms, or as they recover. Quick response to cardiac problems saves time – even lives.

### Access reports virtually anywhere

With **Cardio Server Mobile**, physicians and other users can quickly view, edit, and confirm ECGs anywhere! The responsive application is optimized for iOS smart devices. **Cardio Server Mobile** is a secure web application with no patient data left on the device.



ECGs are accessible from the iPad, iPhone, or Android devices. **Cardio Server's** use on an iPhone or other smart phone is focused on viewing acute ECGs. As an example, a patient inbound by ambulance showing ST elevation myocardial infarctions (STEMI).

### 12-lead interpretation archiving

#### Mindray BeneVision DMS

s/w Version 04.01.00 or greater  
(July 2019 Release or later)

#### Supported Patient Monitors

N-Series Monitors with 12-lead interpretations

s/w Version 01.05.00 or greater

#### Mindray eGateway

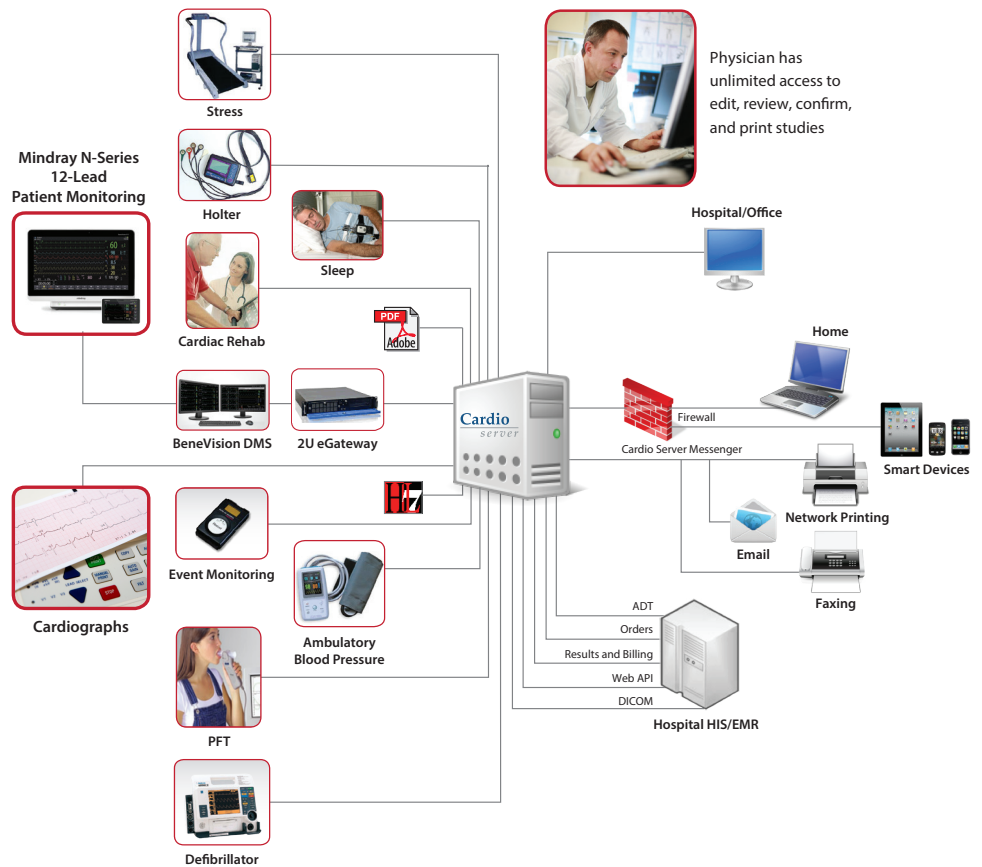
s/w Version 6.7 or greater



### Discover what 12-lead monitoring has to offer

The essential cardiac 12-Lead study is able to be performed at each N-Series monitor - easier and faster than sourcing a 12-lead cart. Connecting a patient to the N-Series monitor with the Mindray 12-Lead ECG cable allows for electrical activity to be sensed and recorded for review and interpretation. Through a simple keystroke, the N-series allows the printing of diagnostic-quality reports to a networked laser printer. In addition, the BeneVision DMS workflow allows a PDF report to also be created from a DMS WorkStation for distribution. To assist a billing department in tracking reimbursement, the N-Series monitors also allow the 12-lead order number to be entered and affixed to the 12-lead study.

### Comprehensive Cardiac Care



*Reimbursement levels will depend on the specific cardiography medical services provided.*

- CPT Code of 93000 represents Cardiography services of a routine Electrocardiogram using at least 12-leads; includes interpretation and report
- CPT Code of 93005 represents Cardiography services of a routine Electrocardiogram using at least 12 leads; tracing only without Interpretation and Report
- CPT Code of 93010 represents Cardiography services of a routine Electrocardiogram using at least 12 leads; with Interpretation and Report only