



Mindray

Global provider of medical devices and IT solutions, specializing in patient monitoring, life support, and integrated hospital-wide data platforms (M-Connect).

<https://www.mindray.com/>

Overview

Mindray is a leading global developer, manufacturer, and marketer of medical devices and integrated solutions, with a significant portfolio of IT solutions for the healthcare industry. The core software offering is the **M-Connect IT Solution** and the **BeneVision Centralized/Distributed Monitoring System (CMS/DMS)**, which are designed to create a universal, patient-centric monitoring platform across the entire hospital enterprise.

Product Overview and Key Benefits

The M-Connect IT Solution is a complete healthcare connectivity platform that enables seamless data flow and integration between Mindray's medical devices (patient monitors, ventilators, infusion pumps, etc.) and third-party Electronic Patient Records (EPR) or Hospital Information Systems (HIS). This integration uses industry-standard protocols like HL7 and IHE PCD via the Mindray eGateway, providing clinicians with full visibility of live and historic patient data for improved clinical decision-making.

Key benefits include:

Optimized Clinical Workflow: Streamlines data collection, analysis, alarming, and reporting, reducing the administrative burden on healthcare professionals.

Enhanced Patient Safety: Supports patient-centric, distributed monitoring, allowing clinicians to access real-time data from virtually anywhere via the BeneVision CMS Mobile App.

Big Data & Research Support: Collects and archives all device data, waveforms, reports, and settings during the patient journey to support more effective research and quality improvement initiatives.

Scalability: The system is fully scalable and supports small, medium, and large size networks, often utilizing existing hospital IT infrastructure.

Main Features and Capabilities

Universal Central Monitoring Platform

Real-time Patient Data Viewing (via Mobile App and Workstation)

Seamless Device-to-EPR/HIS Data Integration

Intelligent Alarm Management (role-based distribution and escalation)

Full Disclosure Data Review (up to 240 hours of waveform data)

Patient Transfer Workflow Support

Remote Diagnosis and Treatment Capabilities

Target Users and Use Cases

The primary target users are hospitals and large clinical institutions, including ER, ICU, CCU, and OR departments. Use cases focus on critical care monitoring, perioperative care, and hospital-wide data centralization.

Key Features

- Centralized Patient Monitoring (CMS/DMS)
- Real-time Device Data Integration
- HL7/IHE PCD Interoperability
- Intelligent Alarm Management
- Mobile Patient Data Access (iOS/Android)
- Full Disclosure Data Review
- Cloud and On-Premise Deployment Options
- Advanced Cybersecurity Technology

Pricing

Model: enterprise

Pricing is based on enterprise-level deployment, number of connected devices, and the specific IT solution modules (e.g., BeneVision CMS, M-Connect, eGateway). It is typically a capital expenditure or long-term contract, not a per-user subscription. Pricing is not publicly disclosed.

Target Company Size: medium, enterprise

Integrations

EPR (Electronic Patient Records), HIS (Hospital Information Systems), HL7, IHE PCD, Mindray Medical Devices (Monitors, Ventilators, Pumps)

Compliance & Certifications

DCB 0129 (NHS England), FDA (Implied by medical device nature), HIPAA (Implied by patient data handling)

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