

# eGateway

INTEGRATION SOLUTION

## Features and Benefits

- Supports vital sign monitors, networked bedside monitors, central stations and A-Series anesthesia systems
- Provides “single pipe” for data interchange between Mindray monitoring solutions and hospital information systems
- Supports HL7 versions 2.1 – 2.6 including IHE PCD profile
- Enables download of patient demographics from two different ADT servers via optional ADT interface to simplify admission and improve accuracy, supporting positive patient identification
- Transfers vital signs and physiologic data to as many as four hospital data systems (HIS, CIS, EMR, etc.) with standard Results Reporting interface
- Spot Check interface supports Accutorr 7 vital sign monitors; provides unsolicited communication to EMRs including manual parameters and modifiers identified at bedside
- Alarm information output via alarm interface to as many as three alarm management platforms; sends alarms and waveform snippets using IHE PCD ACM framework
- Automatically detects devices on network, providing up to 48 hour backfill to hospital EMR
- Employs Network Time Protocol (NTP) to synchronize time across Mindray solutions with hospital network time
- High Resolution Interface for real-time distribution of patient parameters (PCD), waveforms (WCM) and alarms (ACM)



## Providing meaningful interoperability between Mindray clinical solutions and hospital systems

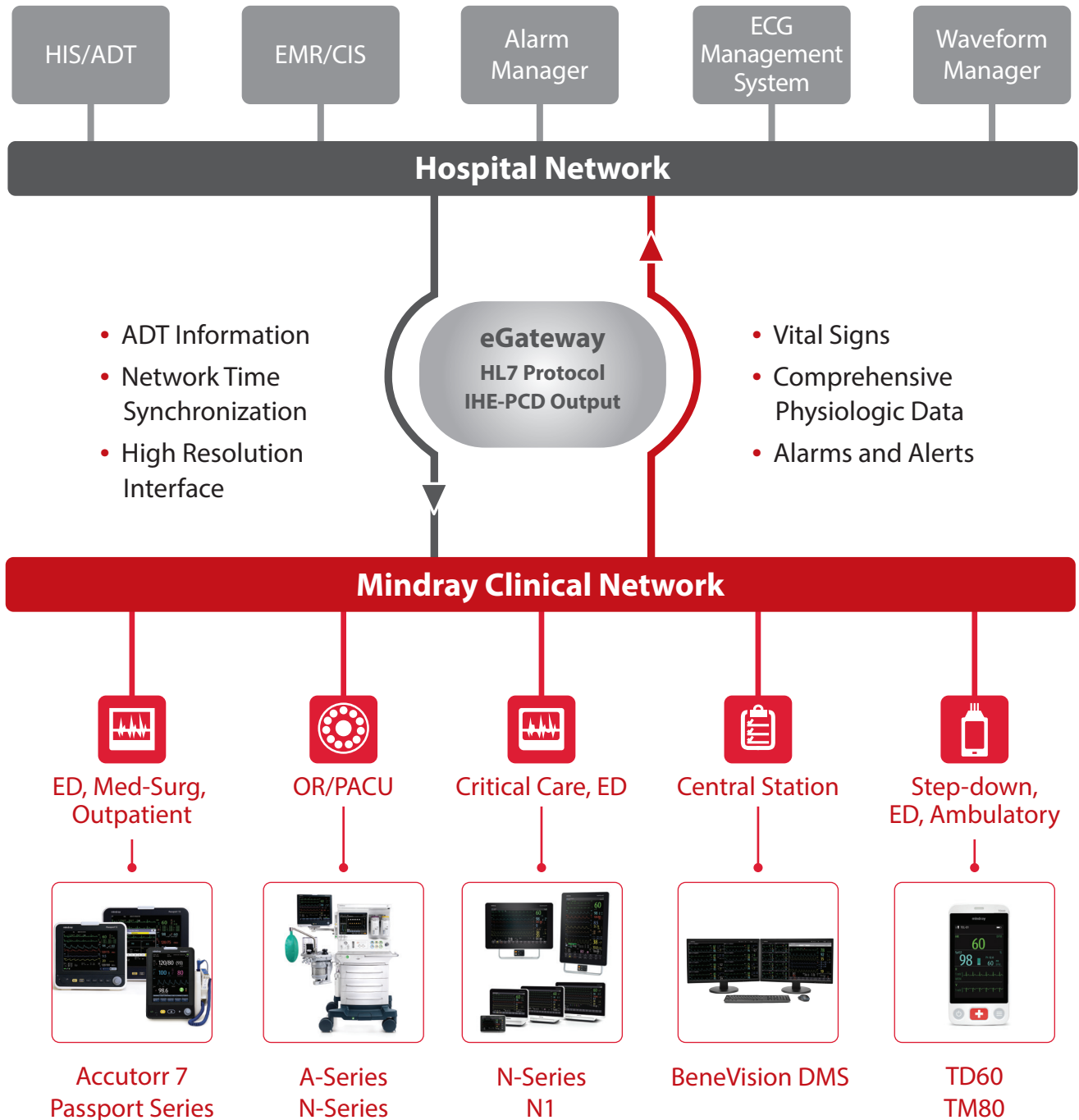
The **Mindray eGateway Integration Solution** is a powerful informatics component for bi-directional communications between networked Mindray clinical solutions and hospital ADT, CIS, EMR and alarm management systems. Interoperability is simplified through the adoption of standard HL7 protocols and the IHE PCD profile for seamless connectivity. For flexibility, the eGateway is available as a hardware and software solution or as a software only solution capable of VMware deployment.

Effectively managing patient demographics, EMR results data, alarm and waveform distribution, the eGateway can support the entire patient monitoring network across the healthcare enterprise.

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# eGateway Network Diagram

The eGateway bridges the Mindray Clinical Network and the Hospital Network.



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