

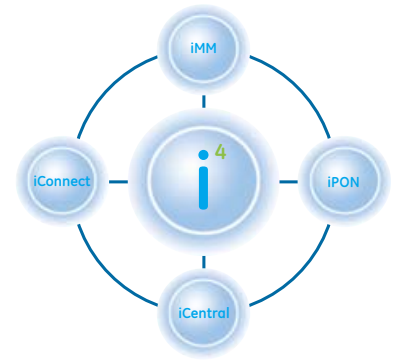


Modular monitoring for flexible care

# iMM Dash Monitor



# iMM Dash Monitor – designed for flexibility



iMM – the innovative, intuitive, integrated and informative Modular Monitoring family – offers a comprehensive range of modular monitoring products for any level of patient acuity in all care areas.

## Wide versatility

- Design for optimized monitoring in all care applications
- Advanced algorithms for all monitored parameters
- Fully flexible alarm settings allow personalized monitoring
- ECG acquisition through cables or wireless
- Bright alarm light at the bedside helps to immediately locate the patient in critical situations
- Multiple mounting solutions and a wide range of accessories ensure easy and flexible workplace configuration
- 3 waveform screen view to maximize the size of parameter values and waveforms
- Convenient care area specific Remote iTouch Pad enables operation on both sides of the patient's bed and direct access to frequently used functions
- Remote Screen through DashPort2 for optimal central overview
- CO<sub>2</sub> module and extension Rac for additional parameters
- Wide array of interfacing options with iConnect solutions
- Both mainstream and low-flow sidestream CO<sub>2</sub> measurement options for applications from neonatal to adult patients

## Optimized for demanding transportation

- Light weight, durable, and ergonomic design
- Developed for in and out-of-hospital use (Dash 3000)
- Up to 2 Hot Swap batteries for unlimited battery powered monitoring
- DashPort2 Docking Station for easy switching between bedside and transport monitoring
- Continuous central monitoring during transport through a Wireless Network
- DashResponder defibrillator can be attached to the monitor for pacing and defibrillation during transport
- Compatible with i4 Bed mount for in-hospital transport



## Emergency Care

Monitoring continuity throughout the patient's hospital stay, starting from the ED.



## Intensive/Cardiac Care

Comprehensive monitoring for high-acuity and cardiac care areas in a compact footprint.



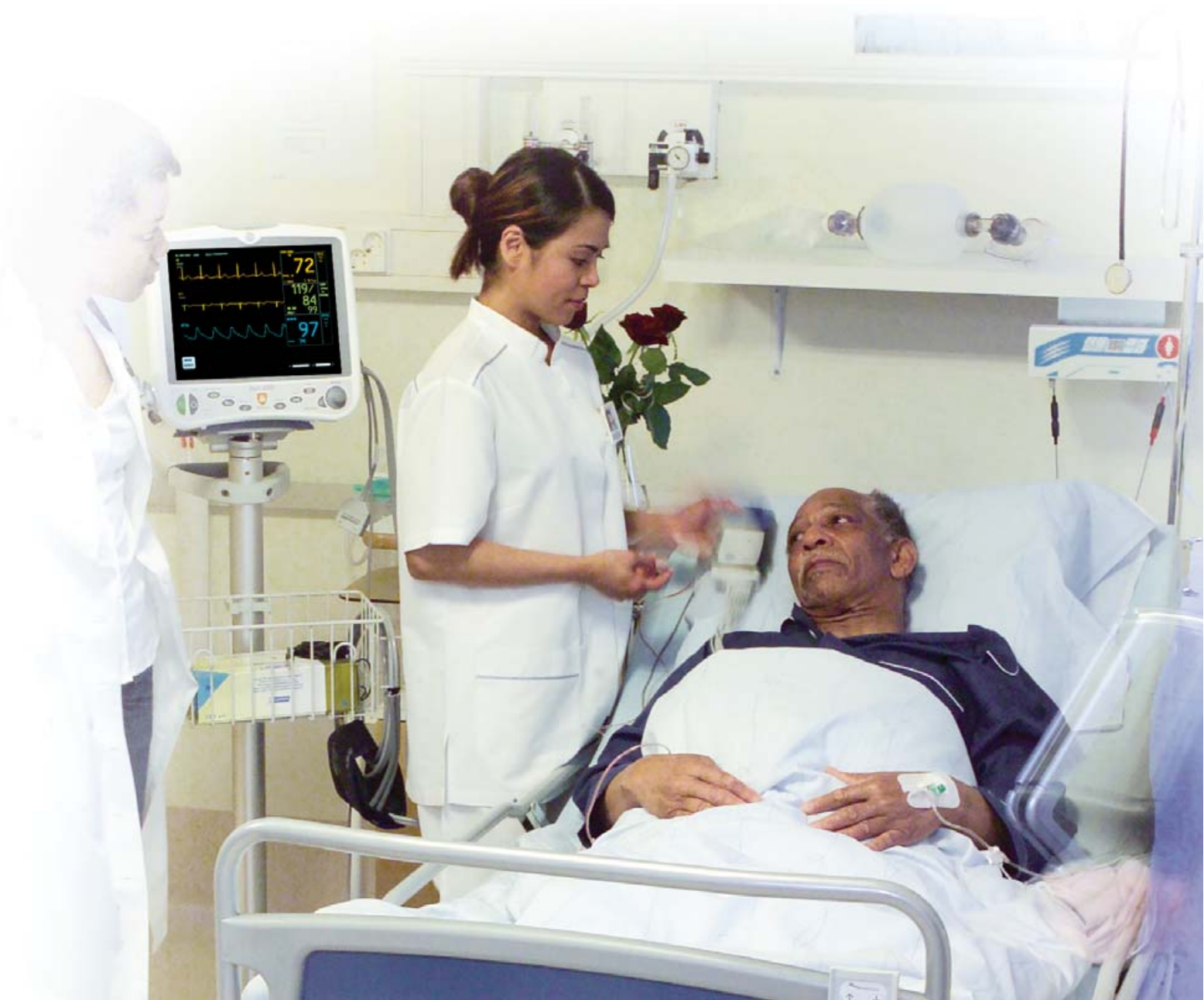
## NICU

Specifically tailored neonatal software ensures best-in-class NICU monitoring solutions.



### A key member of the IMM monitoring family

- Dedicated and intuitive quick access keys to commonly used features
- Comprehensive set of advanced parameters that can be adopted to virtually any care setting
- Features include hemodynamic calculations, drug calculator, events and 24-h trends of all measured parameters
- Future upgrades, truly modular design, and device interfacing ensure a long-term investment value



## Modularity

- Dash Port 2 Docking Station enables easy docking with automatic network and power connection and optional extra 15" screen to be connected
- Extension Rac allows specialty modules to be used with Dash
- BISx interfacing through Serial Port
- CapnoFlex Sidestream CO<sub>2</sub> module
- iConnect bedside interfacing allows integration of additional parameters from more than 80 third-party devices
- Dash Responder defibrillator can be attached to the monitor for direct pacing and defibrillation



## Advanced Cardiac Monitoring

- Up to 12-lead ECG measurement
- Marquette 12SL<sup>®</sup> analysis with age and gender-specific interpretation and ACI-TIPI to quickly classify and treat chest pain
- Continuous 12-lead ST monitoring with individual alarm setting options for all leads for personalised ischemia monitoring
- Marquette EK-Pro<sup>®</sup> arrhythmia analysis with A-fib detection and continuous monitoring on 4 simultaneous leads to reduce false alarms and avoid missing cardiac events
- Standard lethal arrhythmia analysis, with extended full arrhythmia recognition as a software option
- Non-invasive, continuous haemodynamic monitoring for any clinical environment, featuring Thoracic Electrical Bioimpedance technology with the BioZ<sup>®</sup> Impedance CardioGraphy (ICG) module. Available parameters include cardiac output, systemic vascular resistance, indices of heart contractility, and thoracic fluid content
- Unique IntelliRate™ algorithm displays heart rate measurements personalised for the patient, improving the accuracy and reliability of heart rate measurement, preventing needless clinician intervention, improving workflow, and reducing risks associated with high false alarm rates



## Advanced Neonatal Monitoring

- High Resolution CRG trend (including 100 events) of beat-to-beat Heart Rate, SpO<sub>2</sub>, Respiration/CO<sub>2</sub> and MAP brings 24 hour trend and waveform information to the screen for complete assessment of the baby's vital signs
- Specific neonatal and pediatric algorithms for optimized monitoring
- Low-flow CO<sub>2</sub>, measurements through a sidestream sensor, as well as mainstream CO<sub>2</sub> - without changing monitors
- DINAMAP<sup>®</sup> blood pressure algorithms improve speed, comfort, and artifact rejection while retaining superior accuracy. DINAMAP SuperSTAT combines ECG information with oscillometric data to provide quick and accurate blood pressure readings on any patient – also those with irregular heart rhythms. Even the smallest signals can be detected, making it easier to obtain blood pressures on frail patients and neonates

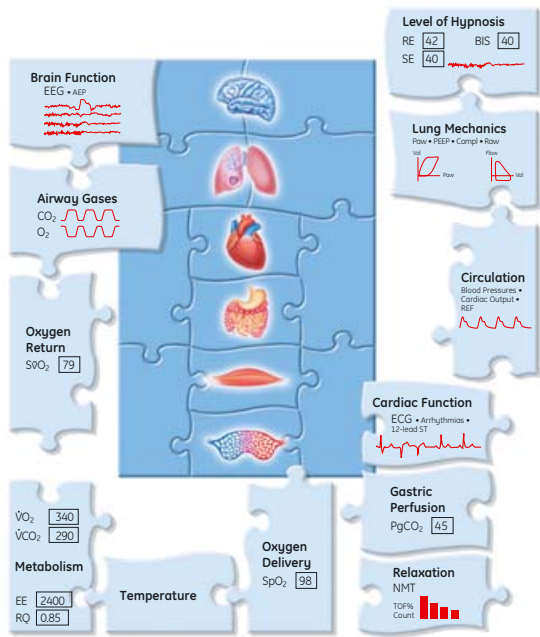


# Monitoring on the move

## Flexible part of the monitoring system

- Compact and wireless – turn any bed into a monitored bed in seconds
- Auto View On Alarm (AVOA) functionality, centralized monitoring, and remote alarm management at the central station for continuous surveillance
- Full-featured, bed-to-bed viewing at every bedside
- Seamless data continuity through the Network and/or iCentral Patient Data Server





## Complete view of the patient

- The iMM Dash incorporates advanced technology that significantly reduces false alarms and missed events with enhanced accuracy
- Core Dash vital signs include Marquette® ECG analysis, gold-standard Masimo SET®/Nellcor OxiMax®, GE Ohmeda SpO<sub>2</sub>, and DINAMAP NIBP
- Additional and modular parameters, available such as multiple invasive pressures, multiple temperatures, cardiac output, Anesthesia Gases, BISx EEG, mainstream/sidestream EtCO<sub>2</sub>, transcutaneous O<sub>2</sub>/CO<sub>2</sub>, and BioZ® Impedance CardioGraphy (ICG)
- Modularity makes the iMM Dash highly adaptable
- Configurable alarms meet the requirements of the care area, caregiver, and patient

## A complete monitoring solution

iMM offers a complete range of modular monitoring products for all levels of patient acuity. The common user interface and data continuity allow for efficient information transfer between care areas and care providers, coupled with reduced training time. Together with the iCentral suite of applications, iPON information access, and iConnect interfacing solutions, iMM modular monitoring is the solution for all of your needs.



ApexPro Telemetry

DINAMAP Pro 1000 Monitor

Dash Monitor

Solar 8000i Monitor

iConnect

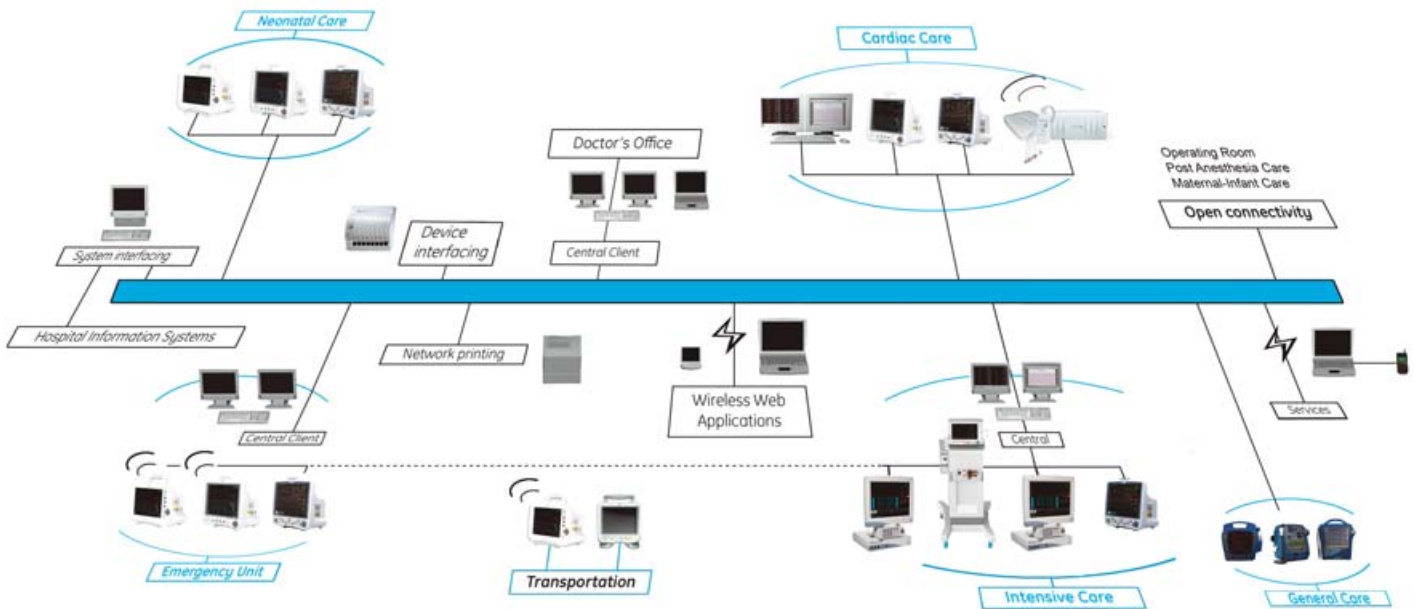
iCentral

Cellular Viewer

Pocket Viewer

Web Viewer

iPOC



### Information at the point of need

**iCentral** suite of applications offers scalable networking, viewing, storing and exporting of all patient data. It provides real-time waveforms, numerical data, alarms, vital signs, trends, and event history with snapshots and full disclosure – all logically organized to provide a complete overview of your patient's current condition. Using iCentral, consultation and remote surveillance are easier when the same, complete information is available simultaneously in all departments, offices and other care locations.

**iConnect** solutions include device Interfacing allowing the connection of external medical devices to iMM monitoring; the Patient Data Server allows caregivers to access comprehensive data seamlessly and continuously across the continuum of care; the Aware Gateway, a bi-directional communication platform to hospital information systems, is supporting standards, such as HL7, developed specifically for the healthcare domain.

**iPON** solutions help clinicians capture and share vital information whenever and wherever they need it. iPOC – information at the point of care – makes it easy to navigate a wealth of clinical information, giving care providers bedside access to various information sources such as laboratory results, patient demographical data and imaging pictures, while offering the possibility to run other clinical information systems applications as well. Complementing iPOC are the remote viewing applications running on standard mobile phones, PDA's and PC's. They allow real-time information access from both within and outside of the hospital.

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GE Healthcare  
P.O. Box 900, FIN-00031 GE, Finland  
Tel. +358 10 394 11 • Fax +358 9 146 3310

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