

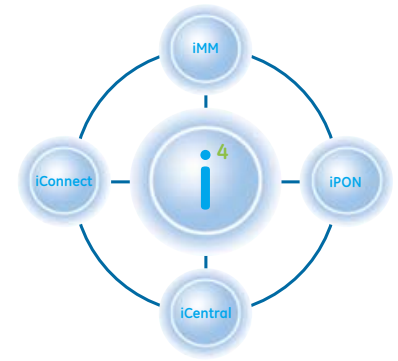


Modular monitoring for critical care

iMM Critical Care Monitor



iMM Critical Care Monitor – the power of modularity



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.

Advanced monitoring developed with clinicians for clinicians

- Intuitive user interface provides the monitoring information you need to gain a full understanding of your patients
- Wide variety of single and multiparameter modules offers flexible way to get accurate clinical view on every patient
- Optimized automatic screen layouts with clear numerical and graphical presentation of the information enables fast and better decision-making
- Intelligent alarm system offers preset alarm limits for different parameters and adjusts the alarms in critical situations by sensing the duration, severity and the combination of different alarms

Flexibility and ergonomics make the care easier

- Wide variety of display, mounting and frame options helps you configure your workspace the way you want it
- New 5-Module Frame supports the Patient Side Module (E-PSM) and enables the measurements to be placed near the patient
- E-PSM, other parameter modules, standardized GE connectors and accessories allow care continuity and swift transfer of equipment between care areas
- Ergonomic design offers easy access to information from different bedside and remote locations



Ergonomic design that works

Improved flexibility and ergonomics at every bedside through removable iTouch Pad, choice of screen sizes and frame-mounting solutions.



Travels with the patient

E-PSM(P) module also works with iMM FM Monitor for reliable monitoring during transportation



Central viewing applications

iCentral and networking allow you to view full disclosure data in real time and full disclosure data from 32 up to 1024 patients.



iMM - integrated, modular monitoring

iMM Critical Care Monitor is all you need for effortless patient monitoring in the ICU and beyond - a full range of monitoring parameters, intuitive use, transparent device integration and data transfer between care areas. Coupled with the iCentral suite of applications, iPON information access and iConnect interfacing solutions, iMM modular monitoring is the solution for all your needs.



Haemodynamic monitoring

- Standard haemodynamic measurement of ECG, NIBP, up to six invasive blood pressure channels, temperature, SpO₂ and respiration rate
- Right ventricular ejection fraction (REF) measurement in a multiparameter module
- SvO₂, CO and SpO₂ technologies with oxygenation and haemodynamic calculations give a thorough view of your patient's haemodynamic status

ECG and ST analysis

- Up to 12-lead ECG with multi-arrhythmia analysis
- Viewing, printing and adjustable ST alarm settings for anterior, inferior and lateral lead groups
- Sophisticated ischemic burden view for easy and accurate visualization of patient's ischemic events
- Fully printable 12-lead diagnostic report

EEG, AEP and BIS

- Up to four channels of continuous EEG measurement and spectral EEG with trending
- An efficient way of monitoring patients with elevated risk of seizures
- Auditory evoked potential (AEP) measurement for brainstem and mid-latency responses

Gas monitoring

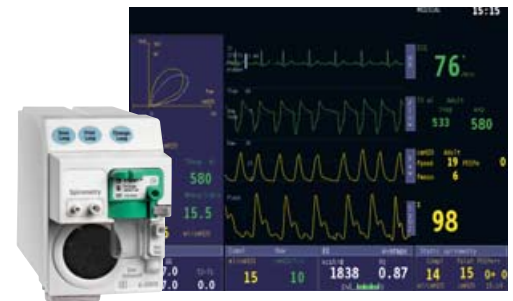
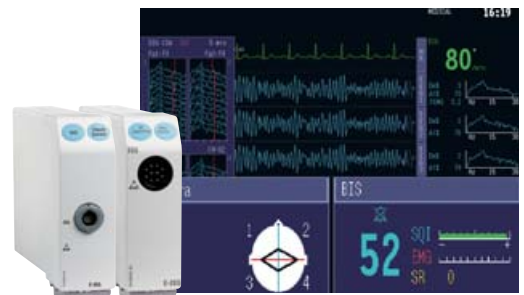
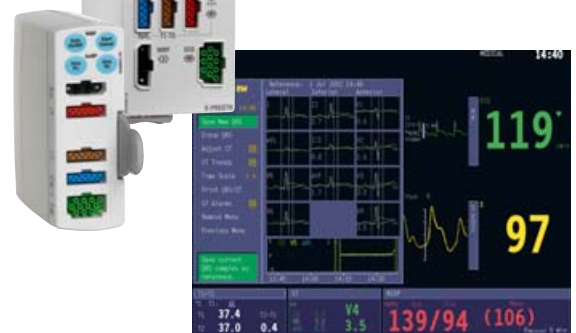
- Airway gases with fast paramagnetic oxygen
- Patient Spirometry™ provides visualization of loops, waveforms, dynamic and static compliance, and intrinsic peep measurements independent of the ventilator
- Metabolic and gas exchange measurements (EE, RQ, VO₂ and VCO₂)

Gastric PCO₂

- Modular measurement of gastric PCO₂
- Prompt detection of perfusion abnormalities
- Automated measurement and trending of PgCO₂, P(g-a) CO₂, and pHi
- Direct key for entering laboratory data

Neuromuscular transmission

- Modular, continuous, automatic measurement of patient's individual response to nerve stimulation and regional block
- User-defined cycle times up to 2 hours
- Helps in preventing problems associated with long-term use of neuromuscular blocking drugs

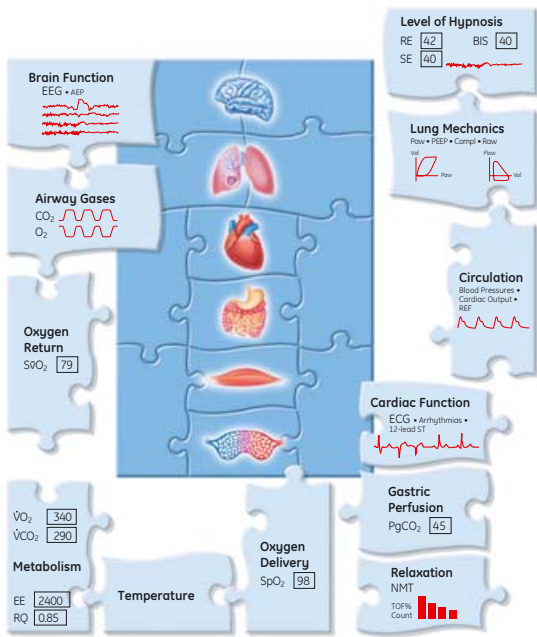




Innovative iMM – advanced modularity combined with easy transportability

- Unique docking solution allows E-PSM to travel anywhere with the patient
- Adapt the monitor to your patient's needs with different parameter module combinations, screen sizes and mounting options
- iMM Critical Care Monitor integrated with the Engström Carestation™ takes intensive care to the highest care level





Complete view of the patient

- iMM Critical Care Monitor offers a variety of unique clinical solutions and a full range of parameters
- Standard parameters cover all physiological functions
- Advanced parameters give you a more complete view of your patient in even the most complex critical care cases
- Modularity makes the iMM Critical Care Monitor highly adaptable in every clinical situation
- Configurable alarms meet the requirements of the care area, caregiver and patient

A complete monitoring solution

iMM offers a comprehensive range of modular monitoring products for all levels of patient acuity. The common user interface and data continuity allow efficient information transfer between care areas and care providers coupled with reduced training time.



Light Monitor



FM Monitor



Compact Monitor



MRI Monitor



Critical Care Monitor

iConnect



iCentral



Cellular Viewer



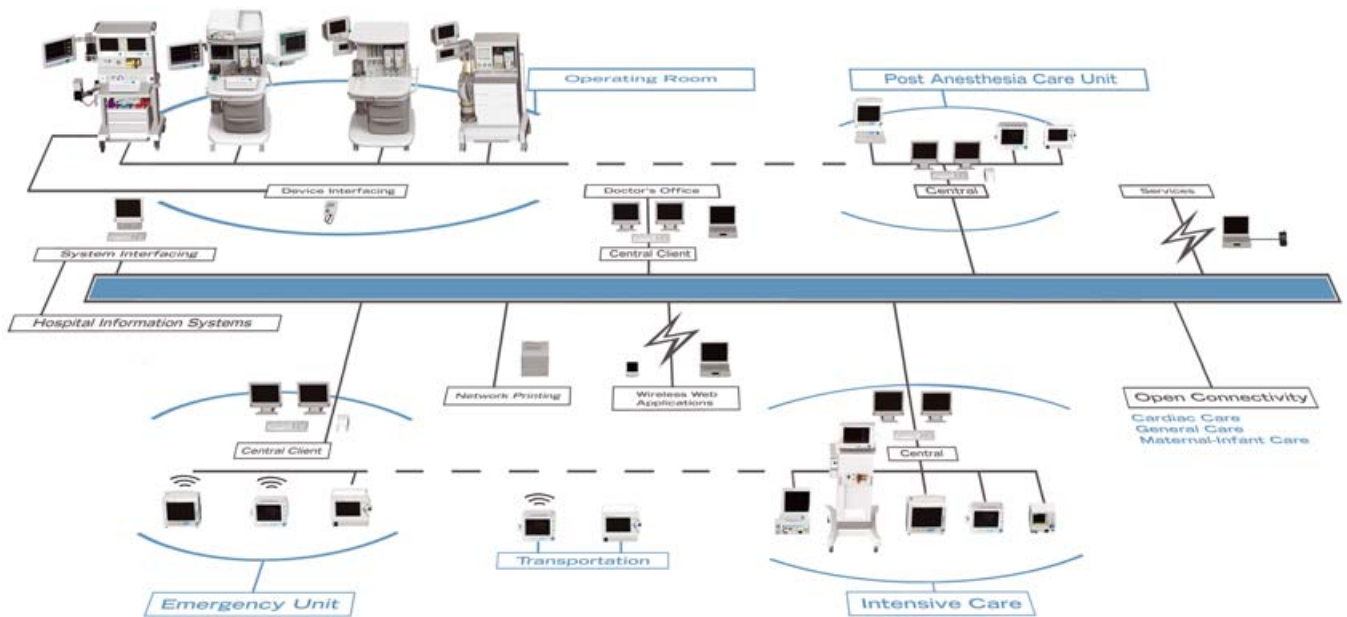
Pocket Viewer



Web Viewer



iPOC



Information at the point of need

The **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, event history with snapshots and full disclosure – all logically organized into cardiac, haemodynamic, ventilation and neurological views. 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 iCollect, a valuable research tool for professionals that provides an easy and efficient way to collect all data from IMM monitors; iDIS (Device Interfacing Solution) allowing interfacing of external medical devices to IMM monitoring; and iGate, a communication platform to hospital information systems supporting standards developed specifically for the healthcare domain, such as HL7.

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 Cellular Viewer, Pocket Viewer and Web Viewer. They allow real-time information access from both within and outside of the hospital.

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