

GE Healthcare



# CARESCAPE Patient Data Module

High-acuity mobile patient monitoring



## Closing the gap.

In critical care settings, the most urgent patient needs take top priority. Sometimes, that means quickly transporting the patient to another care area for specialized attention. You don't have time to maneuver a tangle of monitoring cables. And you can't afford interruptions in critical patient data. You need a modular and portable monitoring device that stays with the patient from one end of the hospital to the other—so you don't miss a beat.

The CARESCAPE™ Patient Data Module from GE Healthcare helps care providers transport patients and their data to the right place at the right time. The Patient Data Module is a key component of CARESCAPE, an integrated suite of monitoring solutions that together help you efficiently manage Clinical Information Logistics™ across your organization. With the CARESCAPE Patient Data Module, you can improve patient flow door-to-door while giving providers the seamless record of clinical intelligence they need to make better decisions. That's more than monitoring. It's **Monitoring Re-imagined.**



# More fluent information. More personal care.

The CARESCAPE Patient Data Module brings monitoring devices closer to the patient, creating a more consistent, fluent source of clinical intelligence.

When connected to the Solar® monitor at the bedside, the Patient Data Module collects all acquired patient data, including information from additional monitoring modules or equipment. Consistent with the GE tradition of backwards compatibility, the Patient Data Module is compatible with bedside monitors, including the Solar 8000i and Solar 8000M. When the patient is ready for transport, the Patient Data Module—carrying the patient's complete vital signs record—quickly snaps into the Transport Pro monitoring device, and goes with the patient to the next care area. When reconnected to the network in the new location, the Patient Data Module can automatically refresh the patient's record with the data collected prior to and during transport, helping to eliminate critical data gaps.

Together, these devices transform the Solar bedside monitor into a portable monitoring solution that gives providers the uninterrupted clinical intelligence they need to deliver consistent, high-quality patient care at every point during the patient's stay.



**Solar 8000i** bedside monitor provides a comprehensive and flexible set of clinical measurements, which allows you to configure the parameters to match your patients' needs. It can be adapted to multiple care environments, giving you the flexibility to deploy it across the hospital.



**CARESCAPE Patient Data Module** travels with the patient so vital information is not lost. It plugs into both the Solar bedside monitor and Transport Pro, displaying real-time data throughout the transfer process on the device in which it is engaged.







**Transport Pro** works with the Patient Data Module to help you eliminate data gaps and ECG template resets that typically occur while moving from bedside to transport monitor. Small, lightweight and battery-powered, Transport Pro and Patient Data Module carry forward all trended patient information collected from the bedside monitor, so critical data moves as fast as the patient throughout the hospital.

# Transforming high-acuity monitoring.

Seamless integration with the Solar 8000i bedside monitor allows the CARESCAPE Patient Data Module to simplify high-acuity monitoring workflow. The Solar monitor provides state-of-the-art cardiac care software, ventilation evaluation tools, as well as primary alarm and user interface settings geared to specific care. The modular design enables selecting system capabilities to match the clinical needs.



## Emergency and Critical Care.

Critical and emergency care requires clinical tools for complex cardiac assessment—tools such as GE EK PRO™ multi-lead arrhythmia analysis, ST segment analysis and 12SL® 12-lead ECG. The Solar 8000i combines these tools to automatically perform a 12-lead ECG based on ST changes, potentially detecting events that would be missed by the episodic 12 lead performed on a mobile cart. In addition, the CardioDynamics® BioZ® Impedance Cardiography (ICG) module provides a convenient non-invasive method of accurately measuring cardiac output.

## Operating Room.

The GE SAM® module provides CO<sub>2</sub>, O<sub>2</sub> and automatic identification of up to five anesthetic agents. As part of the Solar 8000i modular solution, SAM and Aspect Bispectral Index (BIS®) module data can be combined with the patient data from the Patient Data Module to build a complete picture of the patient in the OR. With all the vital signs coupled to critical anesthesia monitoring tools, the Solar 8000i completes the Operating Room solution.



## Neonatal Intensive Care.

Neonatal management solutions feature the CRG® 24-hour, beat-to-beat trend package for efficient evaluation of bradycardia and apnea events, as well as dual-pulse oximetry, and transcutaneous monitoring for highly accurate, non-invasive O<sub>2</sub> and CO<sub>2</sub> readings. For single-baby rooms, the Auto View on Alarm XM (AVOA) capability allows you to view any baby on any bedside monitor whenever an alarm is triggered.

The Solar monitor's AVOA XM alarm feature allows clinicians to remotely view alarms and other patient information on user-selected beds throughout the care unit without a dedicated central station. In addition, a vertical split-screen capability allows you to view two patients simultaneously.

The flexibility of the Solar monitor helps you meet changing care needs while the scalability and connectivity of the CARESCAPE portfolio of products allow you to enhance quality of care throughout your enterprise.

# Enhancing patient mobility.

A major step forward in bedside technology, the CARESCAPE Patient Data Module captures vital patient information in a single, ergonomically designed device. It eliminates the cumbersome web of cables connected to wall-mounted monitors by uniting common parameters in one compact bed-mounted unit. This smart, simple approach allows care providers to better access the patient in emergent situations and quickly prepare for transport.

- The Patient Data Module captures trend data throughout the transfer process, so providers have the right information at every touch point to ensure fast response to critical events.
- To ensure monitoring continuity throughout transport, the Patient Data Module can power the Transport Pro® device in case of a low or missing battery.
- The Patient Data Module can help you improve patient throughput and cost-efficiency by enabling you to flexibly move patients to the most appropriate care areas for their needs.





## Clinical excellence on the go.

The CARESCAPE Patient Data Module supports patient monitoring in—and between—the highest-acuity clinical environments. Inside is a state-of-the-art parameter set including advanced clinical algorithms. So you can deliver a consistent level of care quality virtually anywhere.

- 12SL™ 12-Lead ECG
- 12RL™ reconstructed 12-Lead ECG
- EK-Pro™ four-lead arrhythmia analysis
- DINAMAP® SuperSTAT™ Non-Invasive Blood Pressure
- Masimo SET® or Nellcor® OxiMax® SpO<sub>2</sub>



# Improving Bedside Ergonomics.

The CARESCAPE Patient Data Module was designed to provide better access to the patient and easier transport. Shorter patient cables reduce the potential for tangles and on-bed mounting reduces equipment clutter. Because the CARESCAPE Patient Data Module can be mounted to a pole, wheelchair and bed, it provides the flexibility to adjust with patient needs.



# Healthcare re-imagined.

The CARESCAPE Patient Data Module is helping you re-imagine monitoring by breaking down boundaries between care areas to create a seamless landscape of patient information. It presents the clinical intelligence needed, at the right time and place, to enable the best provider and patient performance. GE Healthcare Monitoring Solutions is committed to developing innovations that make a difference at the point of care.

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## Healthcare Re-imagined

GE is dedicated to helping you transform healthcare delivery by driving critical breakthroughs in biology and technology. Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, and biopharmaceutical manufacturing technologies is enabling healthcare professionals around the world to discover new ways to predict, diagnose and treat disease earlier. We call this model of care "Early Health." The goal: to help clinicians detect disease earlier, access more information and intervene earlier with more targeted treatments, so they can help their patients live their lives to the fullest. Re-think, Re-discover, Re-invent, Re-imagine.

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GE imagination at work