

GE Healthcare

ApexPro

Enterprise-wide telemetry



Expanding the power of telemetry.

Telemetry is an important solution for monitoring mobile patients in today's healthcare environment. The GE Healthcare ApexPro* telemetry system helps to ensure that patients are monitored continuously and that vital patient data is reliably transferred to the clinician. Together with GE's comprehensive suite of mobile, remote and bedside monitoring technologies, ApexPro helps you deftly manage Clinical Information Logistics* across the enterprise by delivering information to the critical point of clinical decision-making.

Exclusive GE technology.

Clinicians rely on continuous monitoring to help them respond faster to critical situations. ApexPro relies on an exceptional networking infrastructure that reduces the possibility of transmission interference, dropout and downtime. Innovative GE technologies such as quad diversity antennas search four separate antenna fields each second for the best signal from each patient. The ApexPro infrastructure gives you the flexibility and scalability to help provide interference-free wireless transmissions within your specific RF environment.

Backed by GE's standard of quality and performance, ApexPro helps enable you to deliver safe, high-quality care across your enterprise. As part of GE's comprehensive wireless solution, ApexPro delivers the relevant clinical intelligence to help caregivers respond to critical situations faster and work more productively.



The power of reliable coverage.



GE vital signs monitors use exceptional algorithms, including GE DINAMAP® SuperSTAT®, Alaris® Turbo Temp® and a selection of SpO₂ technologies. The captured measurements are sent to the central station when a DinaLink cable is connected to the CARESCAPE Telemetry T4 transmitter.

ApexPro components, from the infrastructure to the transmitter, have been designed to ensure continuous monitoring of telemetry patients. A component of the ApexPro Telemetry system, the CARESCAPE® Telemetry T4 transmitter was designed with a battery life that is longer than the average inpatient stay of three to four days. This helps prevent loss of monitoring due to the need for battery changes and helps to reduce the amount of time and effort clinicians spend checking battery status.

With a battery life that lasts more than four days (110 hours typical, without accessories), the CARESCAPE Telemetry T4 transmitter helps eliminate battery changes which can be disruptive to the clinician and potentially uncomfortable for the patient. Battery changes, in many cases, can then be conveniently handled after the patient has been discharged. With a noticeably longer battery life, hospitals are likely to see a cost savings on batteries for the CARESCAPE Telemetry T4 transmitter.



The foundation for clinical quality.

Patient safety and outcomes are among your top priorities. ApexPro addresses both with exceptional detection and analysis of patient data to help you monitor your patients' status more fully and accurately. With ApexPro telemetry, clinical excellence is never compromised.

- ApexPro uses the GE EK-Pro clinical algorithm, which processes and analyzes four independent, simultaneous ECG leads – meeting and exceeding stringent AHA guidelines. Plus, an innovative Smart Leads Fail feature significantly reduces false ECG alarms
- With GE EK-Pro, ApexPro supports advanced atrial fibrillation detection and alarming. Early clinician identification of AFib may help prevent this arrhythmia from becoming chronic

- CARESCAPE Telemetry T4 Transmitter has the capability to monitor two V-leads on each patient. Caregivers can be vigilant for both arrhythmias and ST-segment changes through a better picture of the patient's heart
- The flexible design of ApexPro allows each transmitter to monitor only the parameters each patient requires. Continuous monitoring of ECG and SpO₂, and episodic monitoring of NIBP and temperature allow caregivers to tailor monitoring according to the patient's acuity



Intelligence comes in many forms.

With ApexPro, vital patient details are available through a variety of information viewing devices to enable constant vigilance and workflow flexibility. When clinical intelligence can be accessed in so many convenient ways, caregivers are empowered to respond quickly to critical situations and take appropriate action.



CARESCAPE Mobile Viewers* connect patients and caregivers virtually any time and place by enabling remote viewing of telemetry information on laptops, PDAs, Tablet PCs or cell phones.



CARESCAPE CIC Pro central station enables you to manage patient information gathered from any patient monitor on the CARESCAPE Network.



In Combination Mode, a Dash* or Solar* monitor at the bedside can display ApexPro telemetry waveforms alongside other vital signs, saving the time and inconvenience of disconnecting and reconnecting the patient to telemetry. In Rover Combo Mode, a wireless Dash monitor and ApexPro telemetry together create a powerful mobile monitoring solution.

ApexPro can be used effectively for either centralized or decentralized monitoring. Because telemetry data is accessible enterprise-wide, patients can be placed flexibly throughout the organization while being monitored with ApexPro. Nurses are freed to focus on patient care with the confidence that their patients are receiving continuous, quality monitoring.

Whether you choose centralized or decentralized monitoring, ApexPro can support your hospital protocol for continuous patient surveillance.

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GE Medical Systems *Information Technologies*, Inc., a General Electric Company, doing business as GE Healthcare.

About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our “healthymagination” vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at www.gehealthcare.com.

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