SUCCESS STORY

Enhancing Critical Care: APS customizes GPR212 printer for GE HealthCare's CARESCAPE monitors

APS partnered with GE HealthCare to develop a custom thermal printer solution for their CARESCAPE™ patient monitors, ensuring reliable, real-time documentation of vital data. The collaboration streamlined patient care, supporting clinical decisions in critical care environments like ICUs and emergency rooms.

THE CHALLENGE

GE HealthCare sought a custom printer for their CARESCAPE monitors that could provide real-time printouts of critical patient data, including ECG tracings, respiratory waveforms, and alarm events. This printer needed to offer portability, high performance, and reliability, ensuring clinicians have immediate access to accurate documentation during emergencies and routine care.

THE SOLUTION

APS developed the GPR212, a custom thermal printer designed to integrate seamlessly with GE HealthCare's CARESCAPE monitors. This printer provides real-time, high-quality printouts of critical patient data such as ECG tracings and respiratory waveforms. The GPR212 is portable, allowing clinicians to print on-demand at the patient's bedside or from the CARESCAPE Central Station monitor. Its precision and reliability ensure that medical staff can quickly access clear, durable documentation, supporting immediate clinical decisions and maintaining compliance with healthcare regulations.

THE RESULT

Through this collaboration, APS delivered a high-performance, custom solution that seamlessly integrates with GE HealthCare's CARESCAPE monitors. The GPR212 printer provides real-time, high-quality printouts of critical patient data, enhancing documentation accuracy, regulatory compliance, and overall patient care. The ability to print on-demand at the point of care helps clinicians make faster, informed decisions while maintaining a reliable record of patient vitals, supporting both clinical and operational excellence in modern healthcare settings.

« The GPR212 printer from APS seamlessly integrates with our CARESCAPE monitors, providing reliable, real-time data that enhances patient care and supports critical clinical decisions.»

John DOE – Product Manager at **GE HealthCare**

THE BESPOKE THERMAL PRINTER

APS developed the GPR212, a custom-built thermal printer specifically designed to integrate seamlessly with GE HealthCare's CARESCAPE monitors.

KEY FEATURES OF THE SOLUTION

1. **Real-time data recording**: The GPR212 enables immediate printing of vital signs monitored by CARESCAPE devices, providing real-time documentation during critical events. Clinicians can quickly print ECGs, waveforms, and alarm data for review during emergencies.

2. **High-quality and clear output**: The GPR212 ensures precise reproduction of complex medical data, such as ECG waveforms, delivering clear and smudge-free printouts that are essential for accurate diagnoses and ongoing patient monitoring.

3. **Portability**: Designed for use in fast-paced environments like ICUs and emergency rooms, the GPR212 allows on-demand printing at the patient's bedside or at CARESCAPE Central Station monitors, ensuring quick access to physical records when needed most.

4. **Legal and documentation compliance**: The printer helps healthcare professionals meet regulatory requirements by providing reliable documentation for patient records, including post-surgery or during follow-up treatments, ensuring legal compliance and continuity of care.

5. **Patient and caregiver communication**: Printed data from the GPR212 can serve as a visual tool to help healthcare professionals explain a patient's condition to family members or other medical staff, improving communication and understanding.

GE HealthCare

ABOUT GE HEALTHCARE

GE HealthCare is a global leader in medical technology, pharmaceutical diagnostics, and digital solutions, offering integrated services and data analytics to hospitals and clinicians. Their Patient Care Solutions business unit includes monitoring, anesthesia and respiratory care, maternal-infant care, and diagnostic cardiology. CARESCAPE™ monitors are highly scalable and trusted for their accuracy in providing vital patient data, helping hospitals optimize care across diverse patient populations.

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