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PATIENT MONITORING SPECIAL

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## 10 Most Promising Patient Monitoring Solution Providers - 2017

In the age of medical advancements, patient monitoring has become an integral part of the healthcare space, and the medical device industry is developing into a booming market today. Patient monitoring systems are critical assets to the healthcare industry as it provides an accurate output of the patient's diagnostics. The data of their vital signs is either displayed on a monitor or can also be further transferred to a distant analytical machine to get a clearer overview of the patient's medical results. It is critical to ensure IT systems and patient monitoring converge efficiently to make it a seamless experience for healthcare providers.

The comprehensive understanding of medical parameters influencing patient health condition has become more feasible with the onset of cost-effective production of monitoring devices. Medical device manufacturers create

these monitors in compliance with the Medical Device Data Systems (MDDS) standards set by the Food and Drug Administration (FDA) framework. Patient monitoring networks are also required to be well-connected with processing components and communicative aspects for a meticulous evaluation of the patients' diagnostics.

A distinguished panel of CEOs, CIOs, VCs and analysts along with CIOReview editorial board has selected the leading patient monitoring solution providers who stand at the forefront of tackling patient monitoring and evaluation roadblocks. The companies listed in this issue demonstrate their ability to provide quality solutions to the healthcare industry, with the use and adoption of patient monitoring devices. We present to you CIOReview's '10 Most Promising Patient Monitoring Solution Providers - 2017.'



<b>Company:</b> CardioComm Solutions, Inc. [CVE: EKG]	<b>Description:</b> Provider of innovative medical software solutions for remote monitoring of electrocardiograms
<b>Key Person:</b> Etienne Grima CEO	<b>Website:</b> cardiocomm.com
<b>John Overall</b> CFO	
<b>Branislav Vasilijevic</b> CTO	

## CardioComm Solutions, Inc. [CVE: EKG] Redefining Cardiac Monitoring

Since its inception, CardioComm Solutions, Inc. ("CardioComm") has been at the forefront of providing innovative remote patient monitoring technologies to enable use of cardiac monitors for recording, transmitting, viewing, and reporting of ECGs. With over 20 years of expertise in supporting hospitals, medical call centers, and doctors' offices, CardioComm has evolved as a leader in the medical diagnostic industry. Unlike its competitors, the firm holds a unique distinction as an FDA cleared, ISO certified and Health Canada/CE approved company for the development, sale, and marketing of "software as a medical device (SaaMD)" and ECG monitoring devices. Moreover, unlike its competitors, CardioComm owns its own source code allowing the company to apply its proprietary technology to provide novel connectivity and data transmission solutions between patient, device, doctor, and health plan decision makers for diagnosis and ongoing management of patients.



Etienne Grima

U.S. health data storage regulations. With the ability to seamlessly control patient data sharing and storage management in compliance with all regulatory and technology standards, CardioComm is helping to drive telemedicine offerings to new levels. The GEMSTM technology can also be integrated within other firm's service platforms.

**“The firm holds a unique distinction as an FDA cleared, ISO certified and Health Canada/CE approved company**

As more medical devices like ambulatory ECG monitors and glucometers are widely being adopted in patient care, the assurance of the genuineness of data from such devices remains a point of concern. There are threats that devices can be engineered to alter the raw data collected while recorded, transferred or stored. "We ensure that the software and hardware devices involved in our SaaMD ECG management solutions present a true biological signal. We show the raw data without the influence of deliberate pre-filtering or algorithm smoothing, practices used by some manufacturers to reduce file size, make ECG traces look more appealing

and to save on data transmission costs. It is within the software itself that filters can be applied as the reviewer chooses," explains Etienne Grima, CEO, CardioComm.

Moreover, from the software perspective, CardioComm's solutions are extremely stable, without a single bug report or complaint reported to US or Canadian regulatory agencies during the company's two decades of existence.

Over the years, CardioComm has built a sterling reputation within the patient monitoring landscape with their innovative device agnostic solutions, hardware devices, as well as offering software services to medical gadget manufacturers and remote monitoring companies. CardioComm's clients include GE Healthcare, Philips Medical and France based VisioMed, where CardioComm's novel ECG management solutions have supported high-volume mobile cardiac telemetry ECG monitoring services.

CardioComm has announced plans to release software with communications compatibility to new and emerging medical device manufacturers. This includes smart shirts, patch devices, and wrist worn sports bands which can read multiple biosigns at once. In this role, CardioComm's ECG management SaMD solutions are a combination of each device company's respective medical device clearances. Moreover, to move in tandem with changing market trends, CardioComm is now developing firmware and software-based interpretive and predictive algorithms for more effective patient monitoring. CardioComm envisions the launch of its next generation GEMSTM FLEX software platform as an OS, device and browser agnostic software solution based on an 'everything ECG' policy, allowing continuous mobile cardiac telemetry monitoring on patients. **CR**