The omnipresence of mobile devices and their applications have ushered a paradigm shift in healthcare settings. The infusion of novel technologies and new participants in the market are introducing better ways to assimilate knowledge from disparate fields for delivering unparalleled care experience.

Technologies like big data, cloud computing and Internet of Things are facilitating better communication and collaboration across the entire care continuum and are enhancing care delivery. Along the same lines, healthcare industry is gearing towards a more value-based business approach, building analytics competency to accelerate care quality and drive operational and clinical developments. From smart algorithms, wearables to smart sensors and innovative practices, the new technology entrants are making big strides in the world of overwhelming data to improve management of chronic diseases as well as to contribute efficiency and productivity in diverse operations.

Few other big components at the forefront of this transformation are electronic health records, drug dose calculators and digital medical records, paving way for enhanced care delivery with better, holistic and real-time view of a patient’s health.

As more healthcare organizations invest in these technologies and system capabilities, they’re seeing proven results. Consequently, the market, today is replete with multitude of technology solution providers to assist companies improve performance and productivity. To help organizations select the best vendors that offer the most promising solutions, CIOReview presents the “50 Most Promising Healthcare Solution Providers”

A distinguished panel of prominent CEOs, CIOs, VCs, and analysts, along with the CIOReview’s editorial board has assessed hundreds of security solution providers and shortlisted the ones that are at the forefront of providing cutting-edge technology solutions. The listing provides a look into how the solutions in this domain are put into use, so that you can gain a comprehensive understanding of how they will optimize business processes.

We present to you 50 Most Promising Healthcare Solution Providers 2016.

Validic

Company: Validic

Description: Captures, standardizes, and delivers remotely-collected patient-generated health data (PGHD) in an intelligible and actionable manner

Key Person: Drew Schiller, CEO and Co-Founder

Website: validic.com
Validic
Accessing and Leveraging Patient Generated Health Data

Validic develops solutions to bridge the technology gap between healthcare organizations and their patients. As people increasingly utilize personal health devices and applications—such as glucose monitors, activity trackers and wellness apps—to better self-manage and monitor their health, these tools generate a wealth of information useful in the delivery of care and management of patient populations.

When integrated into clinical care, this remotely-collected data offers providers, payers and other healthcare stakeholders insights into a patient’s state of health and the progress he or she has made toward managing existing conditions. The challenge, explains Validic’s CEO and Co-Founder Drew Schiller, is “how to connect disparate data from hundreds of sources in a way that makes sense for your health system. To solve this problem for CIOs, Validic integrates over 330 different data sources into a single consolidated data stream and integration point. With Validic, you receive the benefits of a cloud-enabled API to securely access standardized data without the cost-burden of developing it on your own.”

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Our technology solutions also speak to the real-world needs of employers and healthcare providers and are easy to use and to integrate into their systems

“The world of patient generated data is expanding exponentially – there are more apps and devices coming onto the market every week and patients are increasingly taking interest in the consumerization of healthcare,” he notes. Validic doesn’t compete to create ‘the best fitness tracker’ or ‘the best glucose monitor;’ instead, the company collects and delivers data from whichever device fits best into the consumer’s lifestyle and routine.

Ultimately, Validic provides a powerful solution for leveraging patient generated health data in proactive care. “If it’s data patients are creating, we want to make sure we’re able to capture it, standardize it and deliver in an actionable format to the healthcare ecosystem,” Schiller asserts. Validic’s behind-the-scenes platform integrates patient-generated health data into clinical programs, databases, systems, and records. Validic’s platform utilizes numerous data acquisition methods for collecting data: public and private Application Programming Interfaces (APIs), Software Developer Kits (SDKs), Bluetooth, and Optical Character Recognition (OCR).

Their patent-pending OCR technology, VitalSnap™, enables users to capture data from legacy medical devices lacking a direct or cloud-based connection. VitalSnap is “a mobile library clients can embed into an existing application, giving users the ability to simply hold their smartphone’s camera over a device screen to scan, read and digitize the data in real time,” explains Schiller. Validic then sends that information via a secure transmission to Validic’s cloud where it is standardized, normalized and made available to the patient’s authorized stakeholders to access. Validic’s solution makes previously inaccessible data accessible and actionable for medical professionals in a way that allows them to improve patient care.

One of the best examples of the Validic Platform and VitalSnap technology in action is through their partnership with Sutter Health, a collaboration which recently received a contract with Accenture Federal Services (AFS) for a pilot demonstration with the Office of the National Coordinator for Health IT (ONC). Physicians and care managers within Sutter Health use Validic’s technology to receive and monitor remotely-generated patient data from high-risk diabetes patients.

Sutter Health’s patients are grouped into three categories on Sutter’s Mpower dashboard, which integrates the data provided by Validic: green (good self-management and results), yellow (some concerning metrics and may need engaged), and red (needs an intervention immediately). By empowering patients with the technology, education and incentives to self-manage their health, Sutter can then focus their resources on the patients who need assistance the most. The result is a significant reduction in burden on the healthcare system and patient. For example, one of the diabetic patients enrolled in the program went from needing one visit per week with his physician to only one visit every three months.

As Validic looks ahead to the future, Schiller stays grounded in a drive to find the humanity in every situation and to consider the effect their technology has on human interaction. They want to help patients and physicians make the best decisions possible by ensuring that “the right data is available at the right time.”

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More and more healthcare CIOs have been choosing Validic to help their organizations leverage patient-generated health data to deliver standardized and actionable insight needed to drive better health outcomes. Validic’s industry-leading digital health platform connects providers, pharmaceutical companies, payers, wellness companies and healthcare IT companies to health data gathered from hundreds of in-home clinical devices, wearables and consumer healthcare applications. Industry analyst Frost and Sullivan recognized Validic as “Best Value in Healthcare Information Interoperability” and as the “de facto standard” in connected health. To learn more how Validic might be able to help you, please contact us at hello@validic.com.