



Company Backgrounder

MEDHOST brings new concepts to the healthcare IT space. From its cutting-edge technology and user-friendly graphical interface, it has been setting the pace for optimizing the delivery of patient care. The company is motivated by developing innovative solutions that align with users' workflow to promote maximum adoption so hospitals can actually reap the benefits from their investment, both in terms of patient care and revenue improvements. It's this drive that has resulted in MEDHOST's numerous product offerings and continued success, as well as its Customers' significant achievements.

MEDHOST introduced touch screen user interfaces to healthcare in 1998, which immediately translated time-intensive computer data entry to quick, on-the-fly capture of information in real time. The Emergency Department Information System (EDIS) also brought graphical floor plans to the Patient Tracking market. Until that time, ED doctors and nurses generally used white boards or lists of data to understand patient flow and status. MEDHOST's cutting-edge, easy-to-use and widely adopted EDIS not only revolutionized how EDs operate, but it also set the standard for many of today's healthcare solutions.

Known for its intuitive design, usability has always been at the core of MEDHOST's solutions because software benefits are only realized if users can actually interact with the system. The intuitive nature of the EDIS enables clinicians to quickly access full functionality with minimal training, which in turn drives clinician adoption. The clinician-designed solution is also free of the things that can impede care and put patients at risk, including complicated drop-down menus, multiple screens, confusing dialogue boxes, multiple key strokes and other time-consuming processes.

MEDHOST continued to evolve its product suite, enhancing existing applications and adding new modules and functions based on Customer needs. MEDHOST EDIS version 4.2 is certified under Drummond Group's Electronic Health Records ONC-ATCB program, and features include real-time Patient Tracking to enhance staff communication and workflow; a behind-the-scenes automatic Charge Capture feature aimed at increasing revenue by calculating ED charges based on clinical documentation; one-touch Order Entry that facilitates immediate bedside care; and multidisciplinary and flexible Charting modules that maximize documentation speed and clinical accuracy.

With its advanced system interoperability, the benefits of MEDHOST's EDIS reach deep into the enterprise and well beyond the walls of the ED. MEDHOST's EDIS easily integrates with leading hospital information systems, including MEDITECH, Cerner, Siemens and McKesson, Eclipsys, CPSI and HMS, and it features a unique, discrete patient data sharing capability. Patient information recorded in the ED, including medication allergies, problems and home medications, can pre-populate the inpatient record and serve as an information baseline once a patient is admitted, eliminating data re-entry, decreasing medical errors and ensuring continuity of care.

MEDHOST next introduced ED Pass, which allows patients to quickly check-in at a kiosk and secure their place in line while avoiding uncomfortable and possibly lengthy queues to register. ED Pass automatically screens for high-risk conditions and feeds information into the MEDHOST EDIS, extending visibility into the waiting room for improved patient safety.

MEDHOST expanded its throughput offerings beyond the ED when Customers expressed the need to alleviate bottlenecks caused by admitted patients boarding in the ED. These patients holding in the ED decrease the number of available beds to treat waiting patients and contribute to further backlog in the ED. To expedite admitted patients out of the ED, patient flow on the inpatient side needs to be managed and modified. MEDHOST OpCenter achieves this by providing operational insight tailored to the needs of hospital executives to drive significant hospital-wide improvements.

Reliable, real-time information about inpatient bed availability, staffing levels and admissions from the ED helps hospital leaders make data-driven decisions that can immediately impact patient flow and resource utilization. Benefits become immediately evident when operations are understood and managed in real time. For example, by identifying patients that are approaching their anticipated DRG-based length of stay or the limits of observation status, hospital leaders can proactively manage the situation before the patients become a financial liability to the organization. The Web-based tool leverages data from MEDHOST's EDIS and other hospital information systems, and it can be remotely accessed so hospital leaders can monitor their organization's health even outside their office.

MEDHOST Company Backgrounder/Page 2

MEDHOST's latest innovation, Care Clock, enables hospitals to utilize information from the EDIS and post current wait times on their websites or through outdoor advertising, such as billboards, so patients can make informed decisions about where to seek care for non-urgent issues. Hospitals can use Care Clock to set expectations and impact patient satisfaction before patients even leave for the hospital.

MEDHOST is a Microsoft Managed Independent Software Vendor Partner, and its product suite has been adopted by leading institutions throughout North America. In 2010, HealthTech Holdings, the parent company of Health Management Systems (HMS), acquired MEDHOST. As a sister company of HMS, which specializes in the development of healthcare IT products for community hospitals, MEDHOST is helping to bring integrated ED solutions to rural communities. In addition to its software solutions, MEDHOST employs experienced clinicians who provide Customers with extensive consulting, support and training services. These consultants offer comprehensive clinical and process analysis to ensure Customers are utilizing MEDHOST's capabilities to maximize house-wide efficiencies.

MEDHOST's Customer-driven approach has remained constant since the company's founding, and most important, the company is dedicated to advancing healthcare IT and setting new standards that address Customers' needs so that they can focus on delivering quality patient care. MEDHOST aligns with national goals and is dedicated to delivering solutions that will positively impact patient care and safety, while providing tangible business benefits for Meaningful Use and the hospital's financial health.

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