

ADEPT Hospital Solution Honored as Innovation Finalist

Applied Science, Inc. automated patient data entry and monitoring solution leads to improved patient-focused care

SACRAMENTO, Calif – November 2, 2017 – Medical solutions provider Applied Science, Inc. (ASI), digital product development services leader GlobalLogic, and Dignity Health, one of the nation’s largest health care systems, announced that [Automated Data Entry Process Technology \(ADEPT\)](#) is a finalist in the 2017 [Sacramento Region Innovation Awards](#). The Sacramento Region Innovation Awards recognizes the area’s vibrant innovation community — from startups to established companies — and their breakthrough creations. ADEPT, in the medical category, reduces the complexity of interacting with electronic medical records (EMR), enables the timely entry of patient point of care information, and gives caregivers more time to take care of patients.

Today’s nursing clinicians spend up to 50% of their time engaged in data entry tasks. This limits the time they have available to spend with patients, consequently leading to lower levels of satisfaction for both patients and nurses. Extensive manual data entry also carries the possibility of incomplete, inaccurate or missing records which, in turn, can have a significant impact on patient outcomes and hospital risk, even if the error is not clinically significant.



The ADEPT software platform automates the patient point of care processes, including those that require interaction with medical devices, ensuring that every patient record is accurate, consistent, compliant, complete, and current. It provides real-time access to actionable patient and operational information, enhances the healthcare provider’s existing EMR investment and optimizes workflow. ADEPT is the brainchild of ASI, already known for its blood banking software, HemoFlow devices, and accessories. In designing ADEPT, ASI worked with partners GlobalLogic, for product development and software engineering, and Dignity Health, for clinical input, to ensure that the product would meet the real-world needs of nursing clinicians.

“To date, we have used ADEPT to automatically gather data from a set of spot vitals devices on one floor at Dignity Health Mercy San Juan Medical Center in Carmichael. Since implementing ADEPT in early December 2016, the platform has processed in excess of 21,000 patient records without one call to our IT organization for support. The setup was straight-forward and the real-time charting and workflow application cut in half the time it took our staff to complete vitals rounds. Our doctors and nurses said their experience with the user-friendly application was extremely positive,” stated Chris Wood, vice president, neuroscience and orthopedics at Dignity Health. “Instead of using valuable time for repetitive data entry, our nurses spent that time on important patient care, and our doctors found that they had more timely access to important patient data.”

Using a standards-based and vendor-neutral approach, ADEPT ensures maximum interconnectivity by using healthcare enterprise standards with secure medical device integration on existing IT infrastructure. This innovative software platform enables healthcare organizations to enhance their return on investments made in existing hardware and software infrastructure and to benefit from increases in staff efficiency, improved patient data records and greater operational visibility.

“Applied Science is honored to have our ADEPT solution recognized as a top innovation and to partner with GlobalLogic and Dignity Health in the development and design of this next-generation patient encounter platform. All three organizations are passionate about the positive impact we believe the ADEPT point of care solution will have on the future delivery of healthcare in hospitals, nursing facilities and the home,” said Jonathan Morgan, chief executive officer for ASI.

Arya Barirani, chief marketing officer for GlogalLogic, added “Our experienced software engineers and project managers worked closely with ASI and their customer Dignity Health to develop a reliable, high-performance, intuitive user experience. It is gratifying to our teams to help bring impactful, innovative solutions such as ADEPT to life for our customers and to provide ongoing support.”

Winners of the 2017 Sacramento Region Innovations Awards will be revealed during an awards luncheon on Tuesday, November 7, 2017 at the Hilton Sacramento Arden West.

Useful links:

Applied Science’s ADEPT: <http://www.applied-science.com/adept>

ADEPT video: <http://www.applied-science.com/adept-video>

Sacramento Innovation Awards: <https://www.sacramentoinnovationawards.com>

Dignity Health: www.dignityhealth.org

GlobalLogic: <http://www.globallogic.com>

Twitter: <https://twitter.com/globallogic>

Facebook: <https://www.facebook.com/GlobalLogic>

About Applied Science, Inc.

Located in Grass Valley, CA, Applied Science, Inc. (ASI) develops advanced medical technologies and is committed to unleashing the power of process automation and data to help its customers reduce costs, enhance safety and optimize their business operations. The company’s products include the HemoFlow blood banking solutions, used by customers in fifteen countries around the world, and Automated Data Entry Process Technology (ADEPT), an innovative software platform that automates the entry of patient point of care information for healthcare clinicians and improves operations for healthcare organizations. www.applied-science.com

About Dignity Health

Dignity Health, one of the nation’s largest health care systems, is a 21-state network of more than 9,000 physicians, 59,000 employees, and 400 care centers, including hospitals, urgent and occupational care, imaging centers, home health, and primary care clinics. Headquartered in San

Francisco, Dignity Health is dedicated to providing compassionate, high-quality, and affordable patient-centered care with special attention to the poor and underserved. In FY16, Dignity Health provided \$2.2 billion in charitable care and services. For more information, please visit our website at www.dignityhealth.org.

About GlobalLogic

GlobalLogic is a full-lifecycle product development services leader that combines chip-to-cloud software engineering expertise and vertical industry experience to help our customers design, build, and deliver their next generation products and digital experiences. We expertly integrate design, complex engineering, and agile delivery capabilities to produce superior business outcomes for global brands. Headquartered in Silicon Valley, GlobalLogic operates design studios and engineering centers around the world, extending the benefits of our true global presence to customers in the telecom, automotive, healthcare, technology, media and entertainment, manufacturing, and semiconductor industries. www.globallogic.com

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