



Persistent Systems and REACHNet to Demonstrate Innovative Research Specific Informatics Infrastructure at HIMSS 2016 Conference

NEW ORLEANS, LA and Santa Clara, CA — February 23, 2016 – Persistent Systems, in partnership with [REACHNet](#), will be presenting at this year's HIMSS conference to [demonstrate](#) a highly scalable and interactive pragmatic trials infrastructure built around the learning health system concept for improving patient centered research and patient engagement.

March 1st 8:30AM – 9:30AM
Sands Expo Convention Center, Galileo 1001

The presentations, will focus on key features of the technical infrastructure produced by Persistent Systems and REACHnet, including the following:

Pragmatic Trial App Suite (PTAS) - An electronic medical record (EMR)-agnostic, tablet-based software system integrated in examination rooms that was designed to enhance and facilitate the capacity for conducting comparative effectiveness research.

Health in Our Hands (HiOH) – An initiative of REACHnet that acts a network for patients to engage them in research activities inside and outside the clinical setting through use of the PTAS. Patients can also receive research information, results, and participation outcomes through HiOH

Global Patient ID (GPID) - Deduplicates, links and aggregates patient records without requiring data partners to share individually identifiable patient health records.

Robust Backend Infrastructure - Hybrid cloud based, Hadoop-powered big data infrastructure for massive scalability, reliability and improved performance.

Persistent Systems supports REACHnet's efforts around patient-centered comparative effectiveness research by having developed an innovative platform for data collection, medical record integration, patient engagement and recruitment, and trial management infrastructure. The overall goal of this partnership is to increase the capacity to conduct robust patient research by building a health information technology infrastructure that provides access to researchers for comprehensive clinical data for over **two million patients** in Louisiana, Texas and beyond.

“There has been strong response and enrollment in the system, which we credit to the ease-of-use and efficiency of collecting this critical data,” said Thomas Carton, MS, PhD, Director of Health Services Research at the Louisiana Public Health Institute and the LaCDRN's principal investigator. “We are thrilled to be entering part two of this valuable initiative and extending its reach even further. This serves as a premier national resource for conducting high-quality patient-centric research.”



REACHnet's research infrastructure - the ability to query nearly two million active patients, coordinate research, standardize the collection of patient-reported outcomes - enables REACHnet to produce actionable, translational research findings that will allow health systems to learn from best treatment practices to improve health outcomes and care. The mobile and web-based versions share patient-specific healthcare information, collect patient-generated data and facilitate clinical trial participation. Working in partnership with five regional health organizations, the initiative is focused on diabetes, weight management, sickle cell disease and 10 rare cancers. The initiative also focuses on underserved areas - rural, urban, rare disorders, children, geriatric, minority, disabled and other vulnerable populations.

"The REACHnet initiative is a real world example of digital transformation in action," said Harshal Shah senior director of Healthcare at Persistent Systems. "The platform, which is hosted on a hybrid-cloud ecosystem and leverages Hadoop big data ecosystem, interacts seamlessly with the EMR records, providing a sleek mobile experience for the patient. We truly cherish our continued relationship with LPHI and the REACHnet consortium to develop a scalable infrastructure which becomes the basis for a learning health system."

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About Persistent Systems

Persistent Systems (BSE & NSE: PERSISTENT) builds software that drives the business of our customers; enterprises and software product companies with software at the core of their digital transformation.

About REACHnet

Launched in March 2014 and awarded an initial \$6.9 M by the Patient Centered Outcomes Research Institution (PCORI), REACHnet is a partnership between the Louisiana Public Health Institute, Ochsner Health System, Partnership for Achieving Total Health (PATH), Louisiana State University, Pennington Biomedical Research Center, Tulane University and Baylor Scott & White Health. The second phase of this initiative began in September 2015 with an additional \$6.9 M from PCORI for the next three years, this collaborative partnership will continue to increase the capacity to conduct robust comparative effectiveness research by building a health information technology infrastructure that provides access to comprehensive clinical data for more than one million patients in Louisiana and Texas.

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