

FOR IMMEDIATE RELEASE

Contact: Mike Battin

(877) 877-1457 x802

Mike.battin@pacshealth.com

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PACSHealth, LLC Unit Partners with Virtual Phantoms, Inc to Improve Patient Radiation Dose Monitoring.

Scottsdale, AZ, July 10th, 2015 — PHS Technologies Group LLC, a division of PACSHealth, LLC, a developer of innovative software that records and analyzes ionizing radiation data from medical imaging procedures, announced today that it will integrate VirtualDose™CT software from Virtual Phantoms Inc. into their industry leading dose monitoring product DoseMonitor®.

“We are pleased to announce the integration of a next generation tool into our popular DoseMonitor product. This feature will enhance organ dose modeling and ultimately improve patient safety during medical imaging procedures,” said Mike Battin, COO of PACSHealth, LLC. “The ability to effectively monitor radiation dose indices during certain medical imaging procedures has become increasingly important.”

DoseMonitor is a single server, browser based software application that automates radiation dose data collection and reporting. It fully integrates into an RIS, EMR, and the American College of Radiology’s Dose Index Registry, helping to eliminate time-consuming manual steps and reducing input errors. Facilities can accurately depict historical exposure and compare, aggregate, and interpret data from ionizing radiation sources for an individual patient, exam, or between diagnostic modalities in multiple facilities.

VirtualDose™CT is sophisticated radiation dose simulation software constructed with a well-tested family of anatomically correct phantoms, advanced GPU-based Monte Carlo simulation, and innovative SaaS programming techniques that were developed from more than a decade of research. It enables users to accurately compute doses to radiosensitive organs for a broad range of the patient population, including those outside the “average” body size, and pediatric patients from newborn through adolescence. It includes data for the latest CT scanners and the most current risk coefficients for computation of effective dose.

“We are thrilled to establish this new partnership with PHS Technologies Group to extend the VirtualDose technology to DoseMonitor customers,” said Dr. George Xu, founder and CEO of Virtual Phantoms, Inc.

DoseMonitor’s capabilities include:

- Automated data collection for computed tomography (CT), mammography (MG), direct radiography (DR), interventional radiography(XA), and cardiac angiography.
- Advanced report generation, including cumulative organ dose, dose by technologist by procedure, dose by physician by procedure, mammography reporting (organ and mean glandular dose), and age range support for alerts and notifications.

- Intelligent patient search—by name, partial name, medical record, and/or accession number.
- Compatibility with VMware®-based implementations, enabling hospitals to “virtualize” hardware on existing servers, reducing the need for new hardware and decreasing the total IT effort required to implement the solution.
- Support for direct data exchange with Nuance’s Powerscribe 360 | Reporting that places the dose index data directly into the interpretive report.

About PHS Technologies Group LLC

PHS Technologies Group, LLC is a division of PACSHealth, LLC, a medical software development company based in Scottsdale, AZ, which develops software systems for medical imaging technology. Their advanced applications help reduce patient exposure to ionizing radiation enabling hospitals to manage patient radiation exposure and comply with regulatory requirements and industry guidelines while increasing efficiency and reducing cost. For more information about DoseMonitor, please visit www.dosemonitor.com or call or email Mike Battin (877) 877-1457 x802; mike.battin@pacshealth.com.

About VPI

Virtual Phantoms, Inc. was founded in 2009 by faculty members from Rensselaer Polytechnic Institute, in collaboration with the University of Florida, with an exclusive license of the “Virtual Patient” technologies developed from nearly 20 years research at RPI and UF in the field of nuclear and radiological engineering. Combining a large collection of anatomically accurate models of patients of various ages and sizes and sophisticated “Monte Carlo” simulation methods originally developed for nuclear weapons research at Los Alamos in the 1940s, VPI is recognized as a world leader in the modeling of ionizing radiation, radiation safety, and medical/occupational radiation dosimetry. For more information about Virtual Phantoms or VirtualDose™CT, visit www.virtualphantoms.com or call or email Peter Caracappa, VPI Chief Technology Officer; 518-421-6931, peter.caracappa@virtualphantoms.com.

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