

Lockheed Martin And University Of Miami Health System Enhance Real-Time Intelligence For Improved Patient Care

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ORLANDO, Fla., Feb. 25, 2014 /PRNewswire/ -- Lockheed Martin (NYSE: LMT) and the University of Miami (UM) Health System and Miller School of Medicine announced a multi-disciplinary partnership to leverage emerging healthcare technology for improved patient care.

Lockheed Martin will help the University of Miami Health System manage vast streams of health care data, develop predictive models for risk identification, and build automated systems that ensure providers have information in near real-time to enhance care for the residents of South Florida.

"While an enormous amount of patient information is available in our electronic medical record, this partnership will help us come up with actionable data that is truly important for the patient the physician is taking care of," said David Seo, M.D., UM's Chief Research Information Officer and Chief Medical Informatics Officer of the Miller School. "This information should not just be about the patient's past. We need a data environment that can do complex statistical analysis to help us move away from reactive medicine and toward proactive medicine, in which we get to patients before they get sick and prevent the disease from occurring."

In 2013, the Lockheed Martin/UM Health System team established a data environment, implemented big data analytics and predictive modeling tools, and started to stratify patient data and conduct risk assessments. The team will enhance these tools and techniques this year, and will integrate predictive analytics into the hospital workflow – all while ensuring patient data is safe and secure.

"Leveraging our expertise in systems integration and data analytics, Lockheed Martin is helping the University of Miami Health System establish an efficient, high-performing technical infrastructure that sets a foundation for near real-time intelligence at the point of care," said Karoom Brown, business development director at Lockheed Martin. "This partnership demonstrates how, working together, we can apply innovative technology approaches that make patient care more efficient and effective."

Lockheed Martin is engineering efficient and secure health care solutions. Leveraging its experience in systems integration, the company:

- Safeguards the privacy of crucial health care data;
- Supports claims processing and disability examinations for millions of veterans;
- Enables clinical research and improved patient outcomes through cloud computing and data analytics;
- Innovates with mobile solutions; and
- Drives efficiency with intelligent application of information technologies.

Headquartered in Bethesda, Md., Lockheed Martin is a global security and aerospace company that employs approximately 115,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation's net sales for 2013 were \$45.4 billion.

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