

## **Intelligent Health Association**

### **Emergency Department - Intelligent Hospital - HIMSS15 Tour Guide**

#### **AiRISTA: Outbreak Containment with Wireless Exposure Tracking**

In times of heightened outbreak risk, AiRISTA's Healthcare Visibility Solution (HVS) provides real time and historical views of the location of staff, patients, and assets, with historical breadcrumb location history playback to assist in tracking who and what were exposed to known contaminated rooms or zones, and what assets or persons require additional isolation or decontamination according to hospital protocols. The HVS Software Console provides dashboards and analytics to determine in minutes the location history of people and assets Tracked and Traced by the AiRISTA wireless

#### **AiRISTA: Hand Hygiene Compliance With Wireless Monitoring**

AiRISTA's Healthcare Visibility Solution (HVS) Hand Hygiene Compliance Monitoring provides individual hand hygiene compliance monitoring of caregivers wearing an AiRISTA BLE/Wi-Fi personnel badge and an easy-to-install wireless solution that deploys without disrupting clinical care. Caregivers are identified upon entering patient rooms and are provided with the opportunity to comply with hand hygiene protocols including the WHO 5 moments of hand hygiene. The caregiver's hand hygiene compliance or non-compliance is detected and each time-stamped event is recorded. The AiRISTA HVS

#### **ASCOM: ED Nursecall communication and workflow utilization**

Ascom's communication's solutions delivers simple, fast and reliable methods of requesting assistance and services that increase safety of staff and patients while enabling increased patient throughput.

#### **Cardiopulmonary Corp.: Real time surveillance of patients**

Real time surveillance of patients using WI-FI wireless bridges on the mobile critical devices such as ventilator. This enables patients to be monitored anywhere in the hospital in real time.

#### **CareFusion: Simplified Medication Management - Pyxis MedStation® ES system**

Managing an enterprise healthcare system requires a Medication Management system that supports it. With the Pyxis MedStation® ES system, nurses utilize a patient-centric workflow, providing quick and accurate medication delivery for their patients. Pharmacy and IT benefit from formulary synchronization and enterprise user management, helping standardize technology and leverage

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#### **CareFusion: Smart Infusion Pump with EMR Interoperability**

INFUSION EMR INTEROPERABILITY (Alaris® Connectivity Service for EMR Interoperability)

Interoperability allows for the pre-population of infusion parameters to the Alaris® Pump and Syringe modules directly from the EMR system. Infusion status can then be transferred from the Alaris System for viewing through EMR system applications used by clinicians and pharmacists.

#### **CareFusion: ALARIS SYSTEM - COMPREHENSIVE INFUSION SAFETY**

The Alaris® System combines a single point-of-care unit featuring Guardrails® Suite MX safety software with large volume pump, PCA, respiratory monitoring (SpO2 and EtCO2), syringe and barcoding capabilities to help protect every type of infusion

#### **CareFusion: Alaris Connectivity For Asset Management**

ASSET MANAGEMENT (Alaris® Connectivity Service for Asset Management)

Alaris System integration with the Stanley Healthcare / AeroScout asset management solution provides visibility of the specific location for each Alaris System and utilization history for the full infusion system fleet of devices. With this information, Clinical Engineering can optimize device utilization and distribute infusion devices to the highest priority areas based on actual usage data

#### **CreateASoft: Predictive Analytics and Real-Time Optimization with SimTrack**

CreateASoft's SimTrack, powered by our patented smaRTLS® technology, provides predictive performance metrics of the ED's near-future performance including potential bottlenecks, inefficiencies, and the impact on provider workload. Based on the identified problems, SimTrack suggests real-time improvements and workflow changes in order to minimize delays and increase

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**Emanate Wireless: RTLS tag reporting utilization and Location on smart phone**

Come see the latest innovation in WiFi RTLS tags! The PowerPath tag contains a rechargeable battery so no need to ever replace batteries. Track power utilization over time to determine how much equipment you really need. Use your smart phone to locate nearby assets. Easily deployable within

**Extension Healthcare: Unified Clinical Alarm**

Extension Healthcare: unified clinical alarm notification, event-driven, patient-centric messaging Triage in the ED is often called the toughest job in the hospital. Applying keen diagnostic skills in an environment defined by interruptions is the essence of emergency medicine. Extension Engage clinical rules engine and notification capabilities can accelerate acquisition and assessment of diagnostic evidence by delivering the most urgent, time-dependent order and result notifications to clinicians on

**Extension Healthcare: Clinical Alarm Management and Event Response**

Extension Engage™ offers the most innovative approach for managing medical devices alarms, alerts from other clinical systems such as nurse call, lab, and order entry systems, as well as patient-centric texting; all within a single application. Engage helps reduce non-actionable event notifications, clinical

**HID Global: HID supports compliant Electronic Prescriptions for Controlled Substances (EPCS)**

HID Global offers a variety of architecture options for writing electronic prescriptions for controlled substances, within the certified EHR/EMR modules. HID supports compliant processes of identity proofing, identity binding using FIPS 140.2 credentials as well as biometric options. Return to e-prescribing narcotics on line in a compliant fashion that saves time and money.

**HID Global: ActivID Tap offers automated One-Time-Password authentication with innovative ID**

ActivID Tap by HID is an elegant, easy authentication solution to cloud-based or Microsoft ADFS services on any Windows7 or Android devices. In an ever increasing mobile environment, use the same ID Badge, powered by Seos, to get you in the door and authenticate you with a simple Tap.

**Hospira: IV Clinical Integration**

Hospira's market-leading IV Clinical Integration solution enables infusion pumps to be Auto-Programmed from the Barcode Medication Administration system, ensuring 5 Rights administration of pharmacy-verified orders. Device starts/stops, alarms, and events can also be Auto-Documented to EMR. Interoperability can enhance hospitals' ability to reduce medication errors, increase efficiency,

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#### **Intelligent InSites: Operational Intelligence – ED Patient Flow Dashboard**

Intelligent InSites provides enterprise-grade operational intelligence to streamline workflows and communications while providing visibility that fuels continuous process improvement. With the Patient Flow Dashboard, directors and charge nurses have at-a-glance views of key metrics like Length of Stay,

#### **Metro: Starsys Emergency Department Overflow Cart**

The Metro Starsys ED Overflow Cart improves the speed of care by combining the storage capacity of a supply cart with the efficiency of a WOW. The compact footprint gives nursing the ability to treat and chart in any available space in a hospital's busy ED while providing access to supplies and critical

#### **Nuvon, Inc.: Vital signs monitoring of ED patients to provide real-time decision support for sepsis**

Patients in ED are typically monitored for vital signs, including pulse and blood pressure. Research has shown that simple metrics associated with the monitoring of individual vital signs, has been used to identify patients at high risk of septicemia. Continuous monitoring of vital signs provides clinicians with access to real-time data, enabling them to identify patients trending towards adverse events.

#### **Nuvon, Inc: Device Connectivity – ED Monitoring of Shock Index**

Patients in ED are typically monitored for vital signs, including pulse and blood pressure. Research has shown that simple metrics, such as shock index (SI), have been effective in identifying patients at high risk for onset of septicemia. Continuous monitoring enables clinicians to identify patients trending

#### **STANLEY Healthcare: Wireless Environmental Monitoring Visibility and Analytics**

STANLEY Healthcare Environmental Monitoring solution is a cost-effective way to continuously monitor temperature and humidity conditions across the enterprise. Combined with powerful analytics that transform real-time information into visual dashboards, healthcare organizations have entirely new levels of operational insight for immediate action, historical views and trend analysis. The automated, wireless solution enables hospitals and clinics to improve patient safety, facilitate regulatory

#### **STANLEY Healthcare: Patient Flow Visibility and Analytics: Improve Patient Experience, Operational Efficiency and Patient Throughput**

STANLEY Healthcare Patient Flow solution provides hospital- and clinic-wide visibility to improve patient experience and operational efficiency. By monitoring the status, location and interactions of people and resources, it provides real-time enterprise awareness coupled with powerful visual analytics to improve immediate operational decision making, understand underlying trends for process improvement and ultimately develop predictive modeling to anticipate patient loads and staffing and

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#### **Sunquest Information Systems: Positive/Accurate Patient Identification and Container Labeling using Mobile Specimen Collection System**

Confirming the patient's identification is critical to patient safety. Labeling the patient's samples at the bedside reduces clutter and ensures the team is concentrated on only the labels required in an unpredictable trauma collection situation. In addition, using the container's barcode identifiers ensures the samples are received efficiently in the laboratory without concern of re-labeling, missing and/or

#### **Sunquest Information Systems: Eliminating Transfusion Errors and Increasing Efficiencies using Sunquest Transfusion Manager**

Confirming the patient's identification and verifying units of blood is critical to patient safety. Accidentally giving the patient the wrong type of blood is potentially fatal. Sunquest Transfusion Manager eliminates transfusion errors and eliminates the requirement of a second nurse to verify.

#### **Vocera: Vocera for Desktop and Smartphone Users**

Vocera provides integrated, intelligent communication solutions for care team members on their device of choice – at the desktop, on smartphones and with our hands-free badge. By leveraging time-saving features like role-based groups and pre-designed messaging options, all care team members benefit from an efficient and

#### **Vocera: EHR Integration With Vocera**

Vocera improves the efficiency of care team communication and coordination by integrating with popular EHRs, across mobile and desktop devices. Alerts can be sent to Vocera for events like orders and test results, and team members can access Vocera's calling and secure texting capabilities from

#### **Zebra Technologies: Identify Patients at Admissions and Optimizing ED**

Zebra Technologies (NASDAQ: ZBRA) brings visibility to all aspects of healthcare including patient, specimen, medication, asset, and staff identification. Zebra's comprehensive, healthcare solutions transform the physical to digital, creating the data streams healthcare facilities need to enhance patient care, increase operational efficiencies, optimize IT, and improve staff communication