Bernoulli®

Improving Patient Safety In Real Time™

The Bernoulli *One*™ real-time connected healthcare platform

Developed by clinicians, our vendor-neutral, open-architecture platform gives health systems superior flexibility to manage and prioritize real-time patient data and enables clinical surveillance across all levels of patient acuity. The result is increased patient safety, improved clinical workflows and better quality of care.

CUSTOMER RATED

KLAS®

REVIEWED

Alarm Management 2016: Bernoulli One™ recognized by KLAS as One of the Best Platforms for Alarm Reduction and Management.

FROST & SULLIVAN

2016 BEST PRACTICES AWARD

NORTH AMERICAN MEDICAL DEVICE CONNECTIVITY PRODUCT LEADERSHIP AWARD

Medical Device Integration

Research by West Health has shown that implementing Medical Device Integration can have a major impact on reducing documentation errors and improving nursing efficiency.[1] Bernoulli *One*™ supports enterprise-wide collection of comprehensive, real-time data from hundreds of medical devices for integration into any receiving EHR. Our elegant and adaptable connectivity solutions enable auto-discovery of devices to simplify workflow and offer proven reliability in any clinical setting.

Alarm Management and Reduction

The patient safety risk of alarm fatigue has been well recognized in The Joint Commission's National Patient Safety Guidelines and the ECRI Institute's annual Top 10 Health Technology Hazards.[2] Bernoulli *One*'s unique capability to analyze both the real-time patient data and alarms coming from the bedside devices enables the application of Smart Alarms and Alerts that can actually allow clinicians to safely reduce the number of alarms and quiet the patient environment. Bernoulli *One*™ supports distribution to existing VOIP phones, smartphones or 3rd party clinical communication systems to make sure clinically relevant alarms are delivered to the right caregiver.

Clinical Surveillance

Studies show that some groups of patients – such as those receiving opioids for pain management or those on a ventilator – have a significantly higher risk of adverse events.[3] Bernoulli *One*™ makes continuous surveillance of at-risk patients safe and effective, even in low-acuity areas and integrates with your existing devices and infrastructure.

Virtual ICU

With the increasing physician and critical care nursing shortage, it can be difficult for health systems to deliver comprehensive 24/7 ICU coverage across multiple geographically-dispersed facilities. Bernoulli *One*™ can provide near real-time remote access to comprehensive physiologic patient data, waveforms, settings and alarms, combined with EHR data and two-way video and audio capabilities, to enable remote observation and supervision of critical care patients in multiple hospitals.

Real-time Algorithms and Automated Protocols

There is great excitement in healthcare regarding the potential of "Big Data" and associated analytics. Bernoulli is at the forefront of enabling real-time, evidence-based algorithms and automating best-practice clinical protocols to improve patient outcomes and reduce the cost of care. Bernoulli *One*™ can support complex rule sets to identify patient deterioration, variation from treatment guidelines and opportunities to accelerate the care path or discharge.

> " *Bernoulli was a true developmental and transformative partner. They went beyond a typical sales relationship, and I would give them a rating above a nine if I could."*
>
> — *Health System CMO*

1. The Value of Medical Device Interoperability, West Health Institute, March 2013
2. Joint Commission Perspectives, July 2013, Vol. 33, Issue 7 and ECRI Top 10 Health Technology Hazards, 2013-2016
3. In-Hospital Resuscitation: Opioids and Other Factors Influencing Survival, Therapeutics and Clinical Risk Management, 2009

Bernoulli®

Proud Sponsor
AAMI Foundation's National Coalition for Alarm Management And Safety

Patient Safety MOVEMENT
zero preventable deaths by 2020

Proud Sponsor
National Coalition to Promote Continuous Monitoring of Patients on Opioids