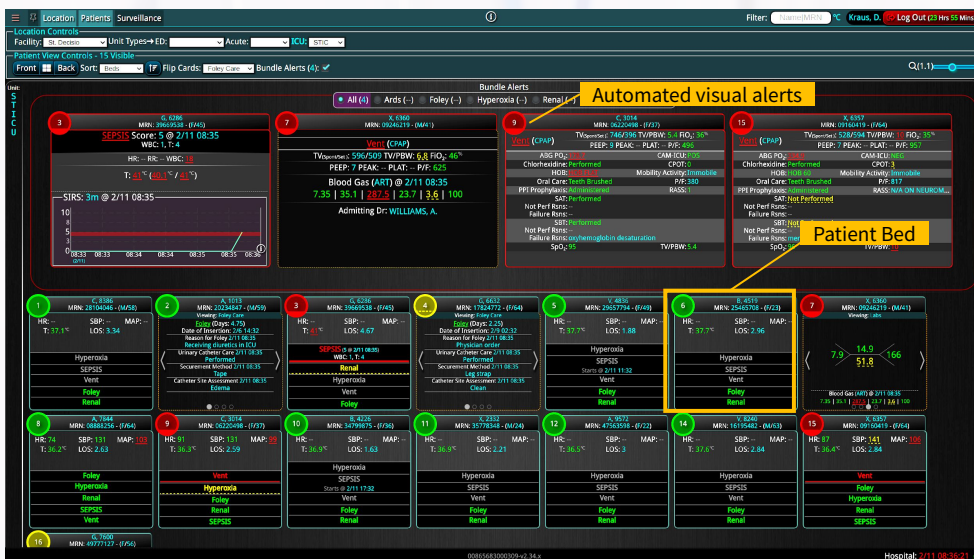


## Unmatched Patient Outcomes

Healthcare organizations face critical challenges in delivering quality patient care. Clinicians are awash with data from multiple non-integrated sources – in-room monitors, the EMR, and other systems collecting data. Clinicians have to manually traverse these sources to obtain a complete picture of the patient's condition and care journey. The lack of "complete patient picture", hinders the care team's ability to detect complications and at-risk patients early, which can lead to patient safety events.

## Continuous Surveillance and Electronic Triage

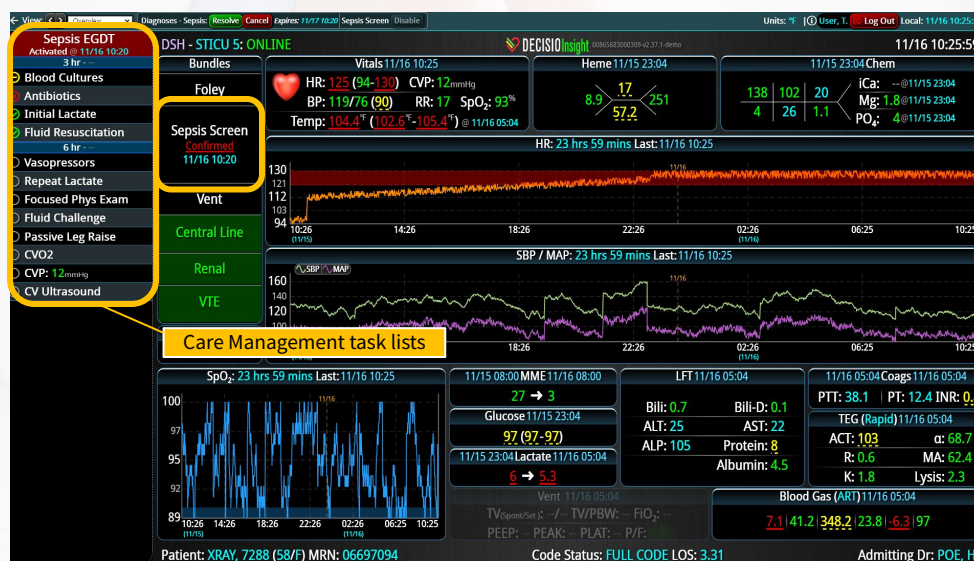
InsightIQ™ provides continuous critical-condition surveillance, with evidence-based algorithms (digitized protocols) to help the care team detect signs of clinical decompensation that could be life threatening or warrant urgent transfer to a higher level of care. Configurable dashboards provide “at-a-glance” visualization of relevant clinical information, customized for a specific hospital or care area, that enables the clinical team to accelerate interventions.



**The Unit View** – typically the landing page for clinicians—displays data for all patient beds within the unit. The dashboard continuously surveils the unit's patients and highlights those who may be at greatest risk for deterioration (highlighted as red or yellow) utilizing clinically validated protocols.

Dashboards are configurable and show the relevant data for each care area – ICU, ED, L&D or for Rapid Response; They are tailored for your specific clinical protocols and workflow; presenting data where and how your clinicians can best utilize those insights.

Providing a snapshot view of all patients in the unit, care teams may adjust their rounding strategy—instead of rounding from Bed 1 to Bed 15, they can shift focus on patients requiring immediate intervention.



**The Patient View** displays demographics, current vital signs, vital sign trends, lab values, and bundle compliance. This view enables patient-specific situational awareness at-a-glance during time-sensitive critical situations.

Color coding of results, vitals, and protocol status helps clinicians prioritize attention to those most critical indicators. Yellow and Red items often require immediate intervention.

Unit specific digitized protocols and actionable insights helps clinicians to deliver timely, responsive, and compliant care to reduce care variation.

## Integration and Implementation

**InsightIQ** aggregates data from multiple sources - EMR and various sources of patient data, into a unified data platform. Implementation of DECISIO platform can be accomplished in weeks. DECISIO can help the overburdened hospital IT team with data integration and implementation activities.

## Peer Reviewed Results



### Sepsis

**>50% reduction** in ICU and hospital LOS from positive sepsis screening



### Emergency

**12% reduction in adjusted mortality rate** and 6.5% reduction in LOS in patients admitted through the ED



### Stroke

**54% reduction** in average door-to-needle (DTN) time for medication (tPA) administration

**300% increase** in patients receiving medication (tPA) within 45 minutes



### Rapid Response

**4.7 day reduction** in LOS with an associated **47% reduction** of mortality in critical floor patients

**32% reduction** in ICU transfers per 1000 patient days



### Intensive Care (ICU)

**46% decrease** in patients ventilated at higher Tidal Volume

**23% reduction** in overall AKI incidence



### Labor & Delivery (L&D)

**19% increase** in patients receiving anti-hypertensive medication within 1-hour

**46% reduction in average time to medication administration**

## Return on Investment

**InsightIQ** helps clinicians triage patients in all care areas, reduce complications in the critical care phase, and provides continuous surveillance of floor patients. Our clients have seen improvements in:

- Failure-to-Rescue and Hospital Acquired Complications (HAC - Sepsis, AKI, Infections) - for ED, ICU, and floor units
- Unplanned ICU transfers from general floors
- Intervention time for Ischemic stroke patients, and for general floor patients by rapid response
- Compliance with the unit's protocols/pathways and standards of care

With just a 10% improvement in complication rate (including reduction in unplanned ICU transfers, reduction in Failure-to-Rescue events, reduction in hospital acquired infections) and associated LOS, **a representative 400-bed hospital can potentially realize over 4x Return-on-Investment** after the implementation of **InsightIQ**.

**Indications for Use:** DECISIO's InsightIQ (DECISIO Health Patient Dashboard) is a decision support device indicated for aggregating, displaying, and managing physiologic and other patient information. This information is generated by third party medical devices and patient information systems. The device performs automated calculations on patient data collected by third party devices based on approved clinical protocols at patient care facilities.