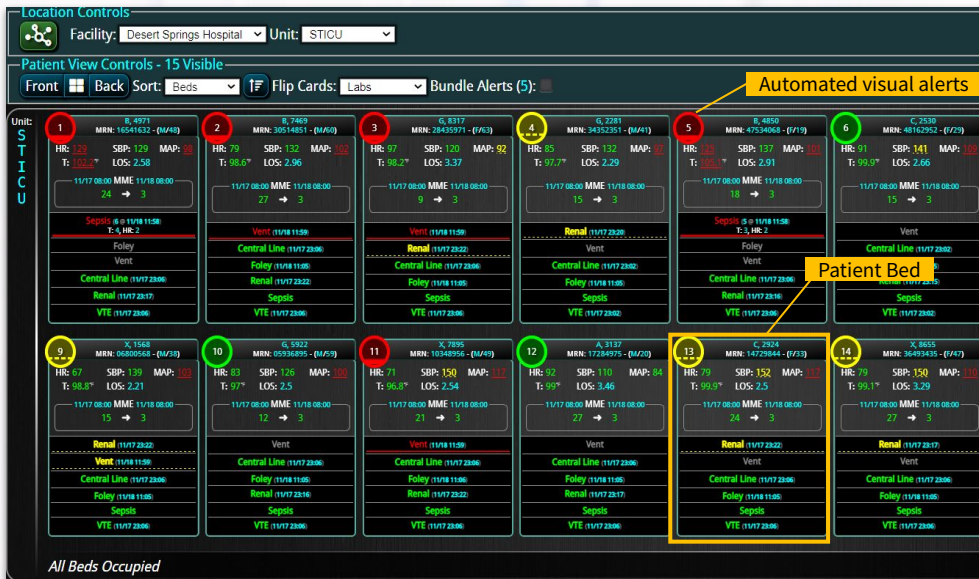


Get the Entire Picture

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 Failure-to-Rescue 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.

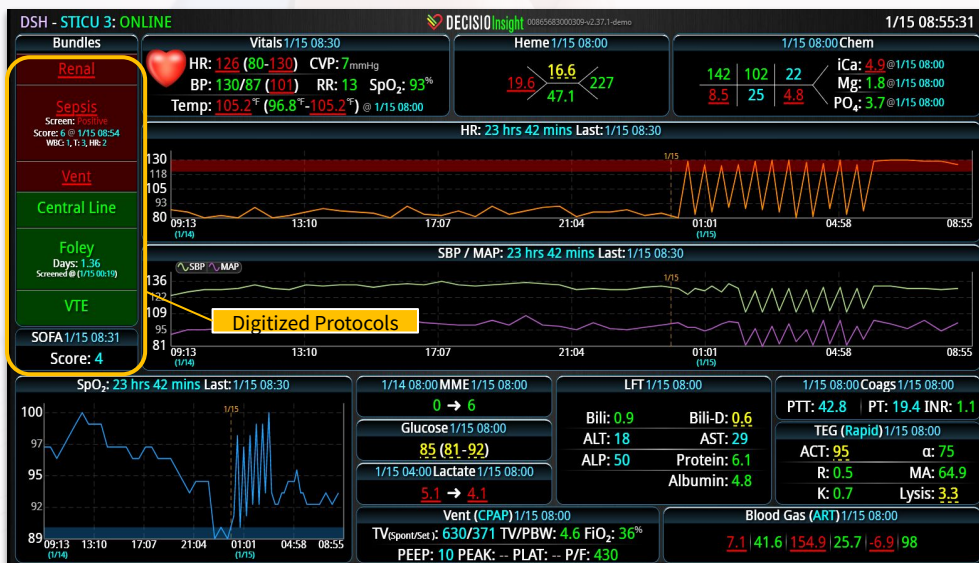


The Unit View – typically the landing page for clinicians—displays data for all patient beds within the unit. The dashboard continuously surveils the unit's patients and highlights those who may be at greatest risk for deterioration (highlighted as red or yellow) utilizing clinically validated protocols.

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 situational awareness at-a-glance during time-sensitive situations, care teams may adjust their rounding strategy—instead of rounding from Bed 1 to Bed 15, they can focus immediate attention on patients in most need of attention.

“The ability to efficiently care for the other patients on the unit allows me to devote more time to the patients who are more critically ill who have just arrived.” MD, General Surgery resident.



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

Unit specific protocols and actionable insights helps direct clinicians to deliver timely, responsive, and compliant care to remove unwanted care variations.

“The Dashboard provides the key indicators enabling informed and instantaneous decisions versus the conventional way of logging into the computer and researching each of the patient's key indicators from different databases; a process that could take 5-10 minutes.” RN, ICU Unit, major Academic Medical Center.

Condition Specific Patient Views

Hospital units require specific clinical data best suited for their patient population. **InsightIQ** allows you to tailor the dashboards for specific protocols and workflows, for each unit's specific data display requirements – presenting data where and how your clinicians can best utilize those insights. The power of **InsightIQ** comes from the digitization of care standards that support multiple areas of the hospital - from Emergency, Intensive Care, Maternity, and through Rapid Response (or floor management).



"The ability to efficiently care for the other patients on the unit allows me to devote more time to the patients who are more critically ill who have just arrived." MD, General Surgery resident.

This example of a Patient View dashboard shows a Neuro patient (TBI, Stroke, etc.) who has invasive intracranial monitoring in the Neuro ICU. The patient has an External Ventricular Device (EVD) placed in their head, which transmits Intracranial Pressure (ICP) and Cerebral Perfusion Pressure (CPP) values. **InsightIQ** auto-calculates and displays a Pressure Reactivity Index (PRx) graph and automatically provides information about the Optimal CPP (CPPOpt) to the clinical team.

Without **InsightIQ**, creating the graphs this is a very manual and labor-intensive process – which requires the physician to manually extract data from the EHR and plot the graph by hand, consuming several hours of a clinician's time taking them away from direct patient care with minimal data output. **InsightIQ** automates this process for all patients requiring advanced neuromonitoring.

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 to improve care quality and the length of stay (LOS). Our clients have seen improved outcomes and reduced costs in:

- Unplanned ICU transfers or "Bounce Backs" from general floors and ED
- Compliance with the unit's protocols and standards of care including Kepra administration for those patients with a traumatic brain injury (TBI)
- Improved coding for delirium vs encephalopathy and other comorbidities/ complications.

Client Published Results

Correlation Of Personalized And Standard Blood Pressure Thresholds With Mortality In Patients with Intracranial Hemorrhage And Intraventricular Hemorrhage (March 2023, Neurocritical Care Society)

- Cerebral perfusion pressure (CPP) and **personalized** CPP (CPPopt) may be better predictors of mortality than using generalized systolic blood pressure (SBP) categories.
- Using DECISIO's InsightIQ and Envision analytics CPPopt was automatically determined for each patient in real time thus eliminating the need for the clinician or physician to manually calculate.

The current study shows that CPP and CPPopt optimal may be better predictors of mortality than SBP in patients with ICH and IVH. With clinical decision support technology, and the use of near real-time and personalized CPPopt personalized blood pressure targets may be a viable and effective strategy to help clinicians in better serving patients.