

The Clinical Application Framework delivered by SARA enables efficient Workflow Management

White Paper Provided by Status Solutions

Status Solutions' Clinical Application Framework is designed to meet the complex requirements in an acute care environment. The Framework enables overall situational awareness by providing patient and staff safety and alerting, environmental monitoring, asset tracking, and workflow management through the Staff Assignments Module. This toolset enables enhanced workflow efficiency within acute care environments.

At the core of the Framework is the Situational Awareness and Response Assistant (SARA) that integrates to multiple systems to provide a single point of management for enhanced alerting and reporting. Systems can include, Nurse Call, Patient Monitoring, Fire Panels, Infant Abduction, etc. SARA also improves operations by providing two-way patient/ nurse communication, broadcasting emergency codes, environmental monitoring via sensors (i.e. labs, server rooms, restrooms, pharmacies), device tracking and monitoring of various patient devices.

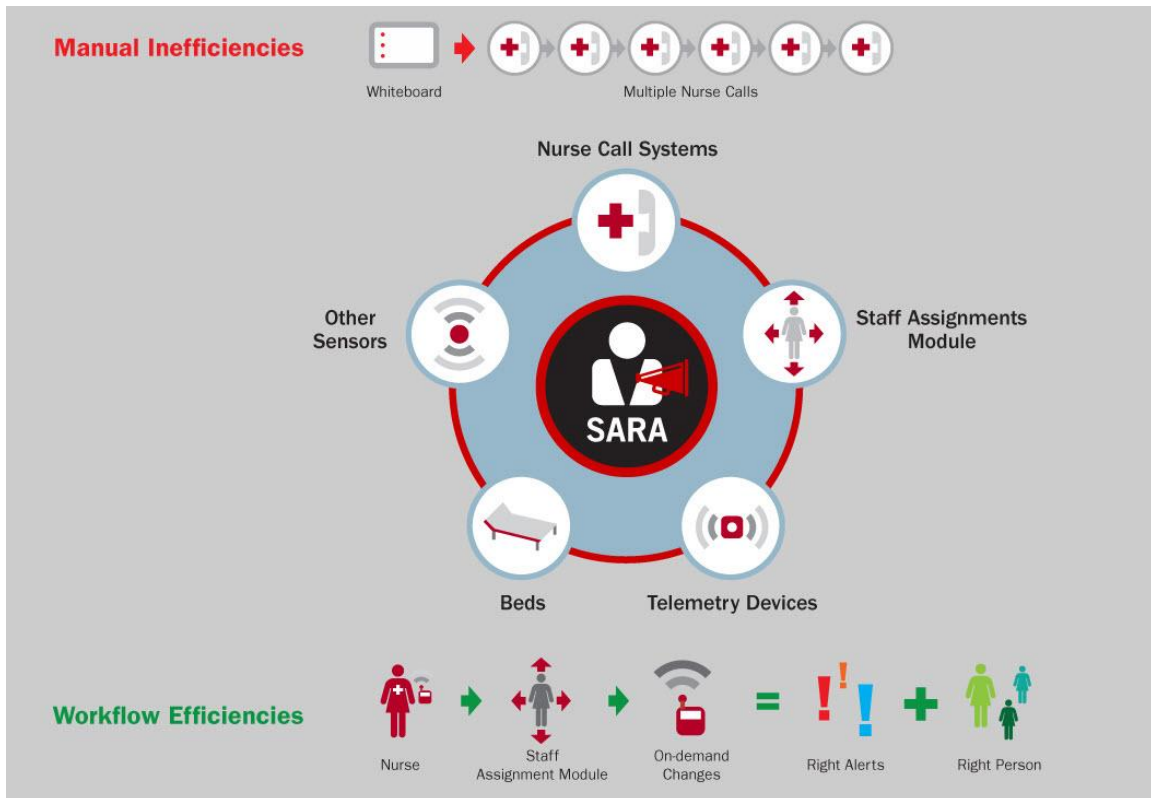
Traditional point of care systems are limited in their alerting capabilities resulting in increased work that clinicians perform. Creating unnecessary steps in daily workflow can negatively impact patient safety. Nurse stations, by their very definition, require constant monitoring by clinicians to ensure clinical alerts are being attended to in a timely manner. This can be a drain on productivity as these stations must be staffed 24/7 resulting in lost man power. Utilizing SARA, clinicians can rely on a robust platform that enables a mobile workforce. Clinicians are no longer tied to a panel or nurses' station waiting for the next alert. Buzzers and bells now have more meaning. SARA's integration platform monitors various point of care systems providing event based alerting to a wide variety of end points. The integration platform enables clinicians to rely on fewer number of devices (such as pagers, cell phones, wireless handsets, etc.) by bridging together what once were disparate systems.

SARA continues to enhance workflow management by providing more control over alert priority. Clinicians have more control over the delivery of alerts through prioritization by severity. The increasing number of alerts that occur within these environments can effect response times and lead to alarm fatigue. Leveraging the ability to route alarms to the proper responders on mobile devices, clinicians are better equipped to respond to higher priority alerts at the right time.

SARA's Staff Assignments Module helps create a more efficient clinical environment by providing a standardized tool that is utilized to link alerts to clinician's mobile devices. It also helps to eliminate unnecessary steps such as updating of staff assignments on whiteboards during shift changes. In environments where multiple systems require alert management, clinicians need to be trained on how to configure alerting on each platform. Managing alerts on multiple systems can lead to confusion, inefficiencies and distractions from patient care. SARA's Staff Assignments module provides hospitals with a standardized platform for intelligently assigning these alerts to end points.

SARA provides clinicians with a toolset that enables quick assignment of alerts from point of care systems to responders allowing the focus to be on patient care.

Workflow Management scenario illustrated below



Manual inefficiencies are addressed with technology to enable more efficient workflow allowing patient care to be the top priority.