VOCERA

Vocera Clinical Integrations

Vocera Clinical Integrations: Delivering Seamless Communication and Collaboration for High Quality Care

The Vocera® Communication Platform enhances the speed and simplicity of communication among teams of healthcare providers and hospital staff. The Vocera Platform software allows for dynamic mobile communications that instantly connect care team members both inside and outside the hospital so they can deliver optimal care across the patient journey.

Intelligent, role-based workflows with over 70 clinical system integrations enable secure, reliable connectivity for anytime, anywhere communication. Vocera is built to scale, providing the control hospitals and health systems need today, and the ability to layer on new solutions to support long term plans.

Vocera Integrated Solutions: Secure, Fully Integrated, and Scalable

In hospitals worldwide, Vocera has been integrated into a variety of alarm, alert, and notification systems including:

Electronic Health Records
Nurse Call
Physiologic Monitoring
Patient Flow and Bed Management
RTLS and Patient Wandering
Fall Prevention and Bed Alarms
Interactive Patient Engagement
Security and Emergency Communications

Vocera integrates with over

70

clinical systems

Visit www.vocera.com/partners for a list of integration partners.

Vocera Integration in Action

Integration enables time-sensitive information to be sent from a wide variety of clinical systems to the Vocera Badge or Vocera Collaboration Suite on smartphones.

Electronic Health Records — Epic, Cerner, MEDITECH, and Others

Electronic Health Records (EHR) integration enables breakthrough workflow enhancements that drive efficiencies in many processes such as the delivery of notifications for new orders, critical test results, high-risk admissions, patient consults, room cleaning, and patient transport requests. The EHR can trigger automated alerts to care team members on their device of choice based on pre-defined best practices for operational and clinical process optimization. By integrating Vocera with the EHR, hospitals improve collaboration and ensure that the right team member gets the right information, eliminating delays in communication. By minimizing the log in time for the EHR, hospitals boost care team efficiency while improving patient care, safety, and satisfaction.

GENESIS

Reduction in order delivery times to 10–30 seconds of physicians placing them

Nurse Call — Rauland, Hill-Rom, WestCall, and Others

Nurse call systems provide a critical communication link from patients to caregivers. This link becomes even more important as hospitals are building larger units with more private rooms. By integrating Vocera solutions with nurse call systems, patient and staff requests are automated, nurse and patient communication is streamlined, and alarm and alert escalations are optimized. These efficiencies lead to improvements in care team response times; patient experience and HCAHPS scores; and reductions in environmental noise levels.

NWH NORTHERN WESTCHESTER HOSPITAL

Increase in HCAHPS scores for nurse responsiveness to the **top 1%** in the nation

Physiologic Monitoring — Philips, GE, Mindray, and Others

The Vocera System integrates with a number of real-time physiologic monitoring applications. Instead of trying to identify which alarms require immediate attention from hundreds of beeps and buzzes, specific alarms can be sent with contextual information directly to the care team through Vocera, improving patient safety and reducing alarm fatigue.

North Shore **LIJ** Staten Island University Hospital

Reduced daily alarms from **13,000** to **1,000** per day

Reduced alarm fatigue

Improved paient safety

Patient Flow and Bed Management — Epic, TeleTracking, Medworxx, and Others

When the Vocera System is integrated with bed management systems, hospitals experience significant reductions in the time their patients wait for admission to a hospital bed, a transfer, or discharge from the hospital. Automating admissions, discharges, transfers, and ancillary team requests with Vocera allows improvement in ED and OR throughput, bed utilization, and length of stay as well as enhancing patient and family experience, and improving staff efficiency and satisfaction.

SANTA CLARA VALLEY MEDICAL CENTER

50% improvement in bed turnover rates from discharge to room ready

Reduced ED wait times

Fall Prevention and Bed Alarms — Hill-Rom, Stryker, Posey Real, and Others

Providing early warnings of patient movement can significantly reduce falls and related injuries. Vocera integrates with fall prevention and bed alarm systems, sending bed exit and bed parameter alerts directly to the care team, improving patient safety, and reducing costs associated with fall-related injuries.

UAMS UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES

60% reduction in fall-related injuries

11% reduction in falls

Real Time Location Systems and Patient Wandering — STANLEY, Ekahau, Versus, and Others

Real Time Location Systems (RTLS) integrations with Vocera provide a valuable way for hospitals to improve the tracking and safety of patients and physical assets by delivering alerts directly to the appropriate teams. For example, if a patient moves outside the appropriate area, an alert can be sent directly to the team members nearby with the information they need to respond quickly.

Integration Methods

Vocera offers multiple integration methods to suit various workflow requirements. The team of clinical and technical experts at Vocera can assist with detailed workflow design and implementation services to ensure hospitals achieve the most value from their integrated solutions.
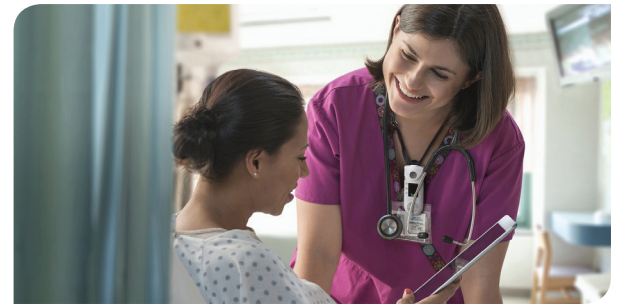
Vocera Clinical Workflow Engine

The Vocera Clinical Workflow Engine enables the Vocera Communication Platform to operate as a single source for clinical integrations with nurse call and physiologic monitoring systems, allowing you to deliver the real-time information care teams need to improve patient outcomes and staff efficiency.

Middleware

Vocera has established interoperability with popular middleware systems including Cerner CareAware iBus,™ Connexall,® Extension Healthcare,® Philips IntelliSpace Event Management (formerly Emergin), and Spok Messenger™ (formerly Amcom).

Vocera Messaging Interface

The Vocera Messaging Interface (VMI) is an application programming interface (API) that enables direct intelligent two-way integration between clinical systems and the Vocera System. For example, VMI allows a nurse call system to send a message to a Vocera Badge or Vocera-enabled device, and to receive acknowledgments that describe the delivery status of the message, along with optional responses from the message recipient, including call-back to the patient's pillow speaker.

Email

With simple configuration changes to the Vocera Server and email system, hospitals can enable the delivery of email messages from their clinical systems to Vocera users. For example, notifications for stat orders and critical test results, and requests for room cleaning or ancillary support services can be sent from the EHR to the appropriate care team member.

Implementation Support

Vocera offers comprehensive professional services to support hospitals with the design, implementation, testing, and training needed for their integrated solutions. The team of clinical experts at Vocera combines proven methodologies with practical, real-world nursing experience to help develop alert and alarm workflows that ensure every integrated solution supports optimal staff mobility and efficiency. In addition, Vocera technical experts assist with system configuration and coordinate with the providers of other clinical systems to ensure hospitals experience a seamless implementation process.

Reporting and Analytics

Vocera Clinical Analytics allows hospitals to create a data driven alarm management strategy based on dashboards that provide alarm density, distribution, clinical basis, and response time with extensive reporting and benchmarking capabilities that allow immediate and ongoing refinement of the clinical care process. Information about external systems that send messages to Vocera can be captured in a series of scheduled reports providing information to drive efficiencies and optimize clinical workflow.

Find Out for Yourself

To learn more about Vocera and our clinical system integrations, contact your Vocera sales representative or visit our website at **www.vocera.com/products/integrations-alerts-alarms**

For More Information
Visit www.vocera.com,
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