



Vocera Platform Interoperability

Interface with Clinical and Operational Systems to Streamline Communication, Inform Clinical Decisions, and Reduce Unnecessary Interruptions

Hospitals have invested time and money into building electronic health records (EHRs) and integrating them with other clinical and operational systems and medical devices. Massive amounts of information are captured within those systems – but that information is not particularly actionable.

How can you pull out that data of the EHR and push it to the right caregivers so they can take action to impact patient care?

The Muscle and the Engine of Interoperability

Vocera® Platform Interoperability is the answer. It is the engine – the muscle – that enables data from clinical and operational systems to be aggregated through the Vocera Platform for delivery to caregivers using Vocera clinical communication software on their device of choice.

How Platform Interoperability Streamlines Patient Care

Vocera Platform Interoperability helps IT administrators and care team members to:

- **Reach the right caregivers in the right place at the right time:** Accounts for caregiver(s) presence, availability, role, current assignment, and location.
- **Collaborate more easily and respond faster to patient events:** Event notifications include patient, event, and care team context.
- **Reduce interruption fatigue:** Alerts are filtered, prioritized, and actionable.
- **Improve patient safety:** Timely event information is pushed out from EHRs, physiologic monitors, and medical devices.
- **Simplify policy administration:** Safely and easily implement clinical care policies and best practices, and unify event prioritization from a single administrative point.
- **Protect patient data:** Protect patient privacy and support HIPAA compliance and adherence to IDN-class security policies through role-based user security, data encryption, and audit capabilities.

Interface with Clinical and Operational Systems

The Vocera Platform interfaces with the majority of clinical and operational systems used in hospitals today – more than 140 – and our portfolio is growing.

When you integrate the Vocera Platform with a clinical or operational system, Platform Interoperability is what enables you to take information out of that system and push it out to caregivers through Vocera Alarm Management. In this way, we help you get more value from the investment you've made in the system.

Below are some of the most common systems the Vocera Platform integrates with.

Nurse Call – Rauland, Hill-Rom, WestCall, and Others: Streamline communication between patients and care teams with automated patient and staff requests and optimized alarm and alert escalations.

Physiologic Monitoring – Philips, GE, Masimo, Mindray, and Others: Strengthen patient safety and improve compliance with The Joint Commission's alarm safety guidelines by enabling patient monitor alarms to be sent directly to the right caregivers with contextual information about the patient and the event.

Patient Flow and Bed Management — Epic, TeleTracking, Medworxx, and Others: Reduce patient wait time at critical points of entering and leaving the hospital by automating admissions, discharges, and transfers. Help reduce emergency department and operating room throughput, and reduce lengths of stay.

Fall Prevention and Bed Alarms — Hill-Rom, Stryker, Posey, and Others: Improve caregiver responsiveness and help reduce falls and related injuries by allowing bed exit alarms to be sent directly to care teams on their mobile devices with conditional parameters such as fall risk score.

Real Time Location and Patient Wandering Systems — STANLEY, Versus, AiRISTA Flow, and Others: Protect against infant abduction and track patients who are at risk for wandering and elopement; our system delivers notifications directly to the appropriate members of your care team or security staff. Enable selective alarming (allowing secondary notifications of patient monitor alarms to be sent to nurses only when they are outside the patient's room) by integrating your real-time location system with your Vocera Alarm Management system.

Part of a Comprehensive Platform for Clinical Communication and Workflow

Vocera Platform integration works with other elements of the Vocera Platform, including:

Care Team Sync: This platform component creates a unified, real-time view of a patient's care team by combining data from the EHR with staff assignments in the Vocera system as well as other systems. This awareness of staff assignments is the basis for delivery of critical events, alarm notifications, and communications.

Vocera Badge: This wearable device lets users communicate instantly hands-free by pressing a button and saying the name of a person, role, or group. It also allows them to receive notifications from the EHR and other systems.

Vocera Collaboration Suite: This smartphone app presents aggregated, prioritized information from multiple systems to provide real-time situational awareness (Figure 1) while allowing instant communication by voice or text across the enterprise.

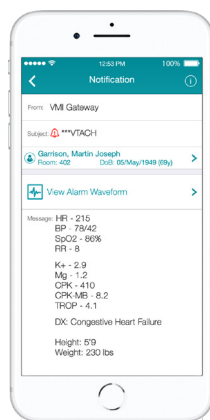
Vocera Alarm Management: This platform component allows prioritization, filtering, and delivery of actionable patient event notifications.

Real-Time Situational Awareness Through Alert Notifications with Context

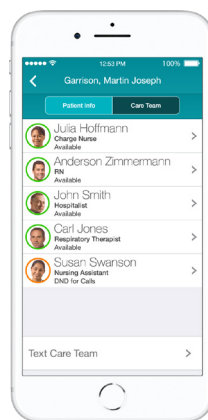
Data is pulled from the physiologic monitor to present complete information in the Vocera Collaboration Suite mobile app.



An alert notification is delivered directly from the physiologic monitor to the primary nurse



The nurse can swipe to access a full summary of the notification including the patient's name, room number, demographics, vitals, and labs



The nurse can tap on any member of the patient's care team to call or securely text

Figure 1: Information is aggregated from multiple systems including the EHR and presented in the Vocera Collaboration Suite smartphone app.



Orders are now sent within 10 to 30 seconds of physicians placing them, and can be carried out almost instantaneously.



Reduced alarm notifications in the NICU by 54% and alarm fatigue by 57%.



Reduced falls by 11% and fall-related injuries by 60%.



Reduced bed turnover rate by 50%; reduced patient wait times and improved admissions throughput.

More Information

Visit <http://www.vocera.com>, email info@vocera.com, or telephone 888-9-VOCERA.



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