



## Vocera Engage Mobile with AirStrip Patient Monitoring

### Enterprise Clinical Communication and Collaboration Solution

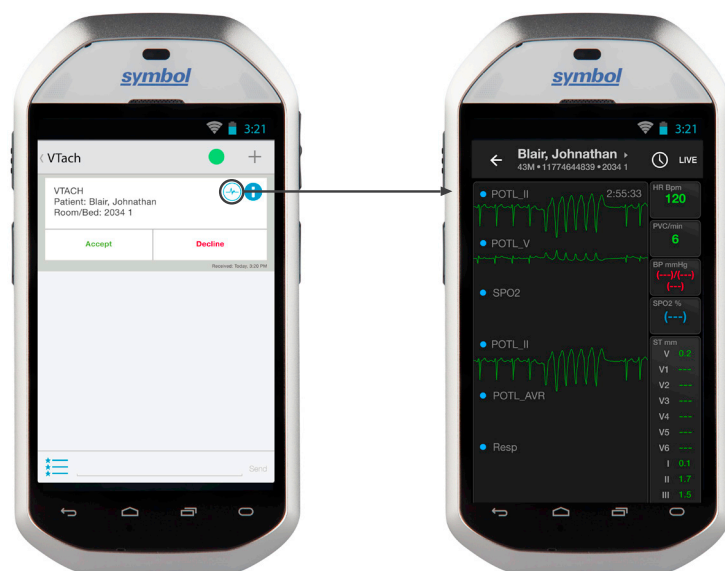
In the fast paced environment of critical care, context is king. Clinicians have grown accustomed to more intuitive clinical alarm notifications as the standard of care has moved beyond simple pagers.

# AIRSTRIP®

Nowhere is the need for alarm context more acute than in cardiac events. First generation alarm management systems use small waveform images or “snippets” to give clinicians more insight to patient condition. In the past, a “snippet” was acceptable. Today, physician and ancillary staff need more than a simple snippet that may not include the time period of the alarm event and cannot scroll to display a continuous, live waveform. The limited information in a 15 second “snapshot” is not certain to cover the moment of interest and may be insufficient to plan next actions or interventions.

Vocera® Engage Mobile with AirStrip® Patient Monitoring (PM) combines an immersive alarm and event response environment with one-button visibility to live views of the continuous waveforms and the patient monitor in a collaborative event response environment. The key to clinical context is anticipating the next steps for each member of the event response team. A provider assigned to a code team may require the ability to view a real-time waveform and a full set of numeric vital signs, quickly view the interim rhythms or select alternate leads for waveform review.

The joint Vocera and AirStrip solution provides an exceptional level of clinical integration. From an alarm notification screen in Engage Mobile, one button brings the surrounding waveform context for this patient at the moment in time that the initial alarm was triggered.



Waveforms have been called the ultimate context. Today, waveforms may be used by many care team members to quickly validate a cardiac alarm and determine the urgency of response—or as the basis for more complex diagnostic and intervention decisions.

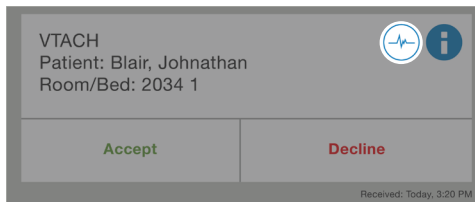
## How it Works

The Vocera integration to Airstrip PM supports event response with advanced real-time waveform data. The integration relies on advanced application context to achieve busy clinicians usability goals such as:

- Fast-switching across applications while preserving both patient and event context
- Leveraging clinician user identity across applications while enforcing medical-grade access and data security
- Managing application control to support bi-directional transitions

## Reducing Complexity

Vocera Engage instantly passes AirStrip PM the clinician user login, patient information, and a time stamp for the alarm.



AirStrip then displays the waveforms for the patient at the moment of the event/alarm.

Using AirStrip's mobile live monitoring functionality, clinicians can quickly review both artifact and the most actionable section of the waveform. The entire, extended care team benefits from a seamless, immersive user interface that mimics the simplicity of a face-to-face conversation. A clinical collaboration application must be suited to rapid, dynamic team collaboration. Engage Mobile was designed around this basic principle.

## Delivering Added Value

Our approach to clinical integration leverages co-development and delivery partnerships with best-in-class solution providers to provide patient safety and operational advantages for our customers. Vendors such as AirStrip have demonstrated the ability to support performance, usability, and data quality—delivering the “next generation” of mobile data driven diagnostic tools, and providing a valuable complement to the Vocera clinical communication and collaboration platform.

### Key User Scenarios

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#### **Nursing and ancillary specialists benefit from rich context as part of front line response team.**

When a clinical alarm is initiated at the patient's bedside, Engage sends a contextual notification to the nurse including access to the real-time waveform. This enables the nurse to immediately assess the situation and respond accordingly.



#### **Providers evaluate rich diagnostic information informed by bedside alarm trends.**

The physician can easily view alarm/event information with patient context using Engage Mobile. Using AirStrip's mobile live monitoring functionality, a physician is able to use the familiar gestural interface of AirStrip to swipe back and forth to activate the cath lab, monitor response to medication, or follow a patient post-procedure.



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