

PARTNER SOLUTION OVERVIEW

Aruba & Vocera Communications

Enabling efficient mobile voice communications in healthcare

Hospital care teams share an ongoing challenge: to deliver high-quality patient care in a complex and unpredictable environment. A clinical communication and collaboration platform can help connect the people and information needed to deliver quality care.

Vocera® offers a wide range of solutions that allow staff to communicate using the device that fits the way they work – a hands-free Vocera Smartbadge or Badge, an iPhone or Android smartphone, a tablet for rounding, or a laptop or desktop workstation.

Vocera hands-free, wearable communication devices are ideal for strengthening staff safety. The dedicated panic button on the Smartbadge and the double-tap Call button feature on the Badge allow staff to instantly reach security personnel.

Aruba and Vocera have partnered to ensure Vocera solutions perform optimally on Aruba wireless infrastructure. Aruba's wireless 802.11ax (Wi-Fi 6) and 802.11ac (Wi-Fi 5) access points use deep packet inspection and fingerprinting to identify and prioritize communications from the Vocera Voice Server and automate QoS tagging to offer toll-quality voice communications.

WHY ARUBA AND VOCERA?

- Reliable, high-quality clinical communication platform that takes advantage of your existing Aruba network
- Aruba supports fast roaming (<100ms) of Vocera devices
- Aruba wireless infrastructure delivers high QoS with dynamic RF management
- Certified joint interoperable

HOW IT WORKS

VoIP call management and speech recognition engine functionality are incorporated in the Vocera Voice Server software which runs on standard Windows Servers. Through the use of optional modules, the Vocera Platform can interface with more than 150 clinical and operational systems, including circuit PBX, electronic health records, nurse call systems, ventilators, physiological monitors, and more. Staff can use voice commands to call by name, role, or group across your hospital or health system. The Vocera Platform's voice recognition engine understands more than 100 voice commands. For example, "Call on-call cardiologist" or, "Send a message to environmental services."

The solution supports fast roaming of Vocera devices which significantly improves call quality and reduces the occurrence of "dropped calls" due to latency. Aruba's wireless network has unique awareness at the application layer and is able to recognize Vocera devices from their use of the Vocera SIP Telephony Gateway. This capability allows Aruba to ensure optimal performance through call admission control of the wearable Vocera devices.

The Vocera smartphone application can run on smartphones purpose-built for healthcare, such as the Spectralink Versity and Zebra TC52-HC.



Figure 1: Badge, Smartbadge, and Smartphone App

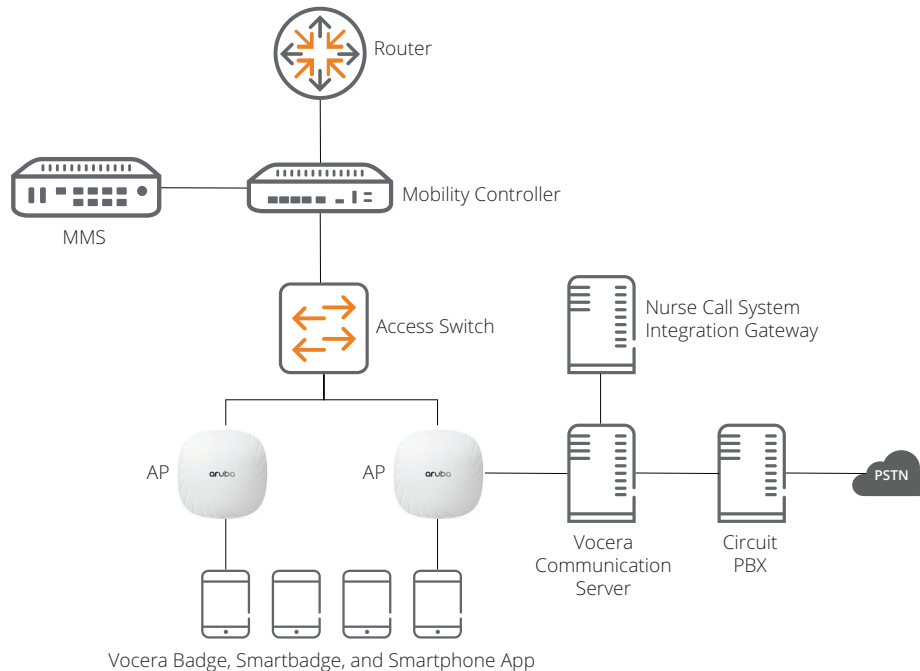


Figure 2: Aruba and Vocera Joint Solution

CERTIFIED INTEROPERABLE

We've taken the guesswork out of clinical communications by certifying the interoperability of the Vocera Platform with Aruba wireless infrastructure. The joint solution is quick to set up and deliver reliable mobile communications.

SUMMARY

Aruba's wireless infrastructure is the ideal way to support mobile voice communications in healthcare environments of all sizes.

Contact your local sales representative to see how together, Aruba and Vocera deliver dependable solutions that keep care teams safe and connected.

For more information on Aruba wireless, please visit: <https://www.arubanetworks.com/products/networking/access-points/>

ABOUT VOCERA



The mission of Vocera Communications, Inc. is to improve the lives of healthcare professionals, patients, and families. More than 2,300 facilities worldwide, including nearly 1,900 hospitals and healthcare facilities, have selected Vocera solutions to enable their workforce to communicate and collaborate with co-workers and engage with patients and families. Please visit www.vocera.com or call (888)-986-2372 to learn more.

<https://www.vocera.com> Ph: (408) 790-4100



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