

SPOK MOBILE® WIRELESS ASSESSMENT



Wireless network assessments help you prepare for business-critical mobility, identify potential security vulnerabilities, and ensure the successful rollout and operation of complex applications. At Spok, we know it's essential to ensure service levels of all applicable wireless networks are verified and, if necessary, elevated prior to implementation of Spok Mobile®.

A Spok Mobile Wireless Assessment is conducted by experts who draw on extensive experience in wireless network architecture design and radio frequency (RF) engineering.

WIRELESS ASSESSMENT REQUIREMENTS

A wireless assessment must be conducted within six months prior to implementing Spok Mobile.

At minimum, the assessment report should include the following:

Assess existing wireless coverage throughout your healthcare facility	Provide a floor-by-floor heat map showing existing coverage and identifying any issues (interference, poor signal quality, loss of connectivity, etc.).
Ensure wireless environment meets Spok Mobile specifications	Ensure that the current wireless environment meets Spok's recommended specifications for implementation of Spok Mobile (minimum signal strength, access point overlap, channel utilization, channel widths, etc.).
Scan and detect RF spectrum for interference	Identify devices, networks or other sources of interference that may impact access and performance of WLAN, and report the severity, frequency, and duration.

HOW WIRELESS NETWORK ISSUES IMPACT PATIENT CARE

Door-to-balloon time is measured from when a heart attack patient arrives at the hospital to the time they receive percutaneous coronary intervention (PCI). This workflow demonstrates how wireless issues can cause delays and drastically affect patient care.

