



MAKING THE MOST OUT OF YOUR INVESTMENT

READYING YOUR ENVIRONMENT FOR VOICE COMMUNICATIONS



The performance and return on investment (ROI) of your entire mobility solution is directly tied to the ability of your wired and wireline networks to support your voice communications. Are your networks 'voice-ready'? Motorola's Voice Assessment Services look at all aspects to ensure your networks are designed to handle the unique needs associated with voice.

ADDRESS BOTH WIRED AND WIRELESS SERVICES

No matter what the ratio of wireless to wired connections is in your operation, if you don't consider both, neither will work effectively. Even if you have a strong wireless network with well-defined access points, your wired services can falter or fail.

ASSESS RF SIGNAL STRENGTH

Planning, RF design, and site survey are critical to a successful VoWLAN deployment. The site survey should include an evaluation of the access points' signal strength

and location. Is the performance and coverage delivered by your access points able to holistically deliver to your WLAN application needs – including voice, guest networks, inventory, Mobile Point of Sale (MPOS) and more?

PRIORITIZE TRAFFIC AND AVOID BOTTLENECKS

Make sure your switches have advanced quality of service (QoS) to prioritize traffic so that important communications go first. Just as every chain has a weak link, every network succumbs to bottlenecks. QoS handles the high volume of traffic coming through a router or switch and can prioritize time sensitive traffic to ensure timely delivery of critical communications.

SECURE YOUR WIRELESS NETWORK FROM EXTERNAL INTRUSIONS

Assess how you are protecting your network from external elements coming in on the voice side. Look at your environment, how you classify traffic, what type of boundaries have been set and how reliable they are. What type of sensors do you have in place to monitor for intrusions and spectrum abuse?

CURTAIN EXCESSIVE DATA CONSUMPTION

Evaluate how your employees are interacting with the network and how much data consumption is personal versus work-related. Many may be bringing their own devices to work and eating up bandwidth as they access and share data on their smartphones and tablets.

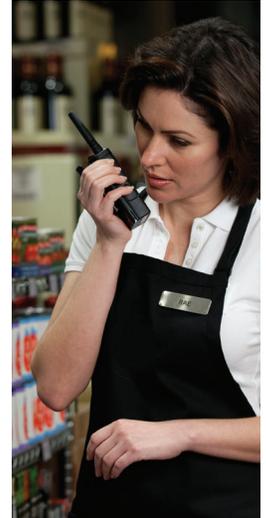
ENSURE VOICE INTEGRITY

Consider how you are designing your network to ensure voice integrity. Does your WLAN segregate voice from data, or are they shared? Do you have good echo suppression and negation of background noise when your employees use their devices? Audio transmissions should not break-up or drop out because of lost packets or because others in proximity are accessing their devices.

ESTABLISH A POLICY STRUCTURE

Determine how your voice services will be implemented and used. Specify how you will handle user authentication, registered hardware, user log-on, security, and what steps to take to prohibit abusive or illegal activity. Consider a mobile device management strategy to handle the proliferation of devices and address security, policy and compliance issues.

With Voice Readiness Assessments, we'll work together to determine if your current wired and wireless network can support your planned voice deployment. This includes reviewing your existing network infrastructure and policies against the requirement for your voice devices. We'll also examine your physical and logical network architectures, and operational processes. Once the assessment is complete, you'll receive a final report that details our findings, identifies any gaps and provides specific suggestions on how to rectify them.



MOTOROLA WILL PERFORM A VOICE READINESS ASSESSMENT OF YOUR NETWORK BY FOLLOWING OUR TRUSTED, SIX-SIGMA BASED PROCESS.



With Motorola's end-to-end Voice Assessment Services, you can be sure that your networks are truly mobility ready, able to provide the performance, availability, security, scalability, manageability and interoperability required from the first day your new mobility solution is deployed. The results are rapid user adoption as well as superior uptime for your networks, mobile devices, mobile applications and mobile users. The enterprise reaps the benefits of mobility more rapidly, maximizing the return on investment – and the success of the entire mobility solution.

To learn more, visit motorolasolutions.com/plan.