

# IS WI-FI LIMITING YOUR MOBILE DEVICE PERFORMANCE?



ENSURE A SUCCESSFUL MOBILE DEPLOYMENT WITH SPECTRALINK WIRELESS SITE ANALYSIS

Wi-Fi represents a vital link between your people, data and devices, but it might also be your weakest link. Regardless of the mobile devices your team may use, Wi-Fi could prove to be the limiting factor in your mobile network.

**OPTIMIZE YOUR WI-FI TO ELEVATE THE PERFORMANCE OF YOUR BUSINESS.**

**50%** OF ALL MOBILE DEVICE FAILURES ARE CAUSED BY PROBLEMS WITH WI-FI NETWORKS

While nearly every modern organization relies on Wi-Fi for mission-critical operations, everything from **managing global supply chains** to **optimizing patient outcomes**, 90% of them don't adequately invest in optimizing Wi-Fi performance.

**90%**

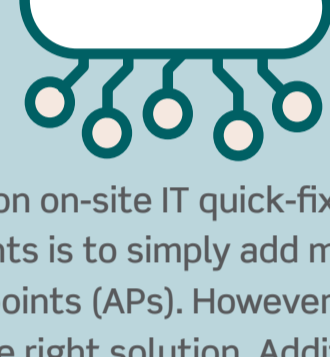
## WI-FI IS A PRIMARY BUSINESS ENabler & INHIBITOR

- WI-FI ACCELERATES REMOTE ACCESS TO DATA**      **WI-FI SPEEDS CAN BE VARIABLE AND UNPREDICTABLE**
- WI-FI EMPOWERS EMPLOYEES AND STAFF**      **WI-FI RANGE CAN BE LIMITED BY LOCATION AND DEMAND**
- WI-FI EXPEDITES DECISION-MAKING**      **WI-FI RELIABILITY IMPACTS CORE BUSINESS FUNCTIONS**

**50-100 MINUTES**

**MINUTES LOST EVERY TIME A MOBILE-ENABLED WORKFLOW FAILS A MOBILE WORKER**

### MORE ACCESS POINTS CAN CREATE MORE HEADACHES



A common on-site IT quick-fix for Wi-Fi complaints is to simply add more access points (APs). However, this is rarely the right solution. Additional APs require additional switchports. Adding more APs can also introduce problems (interference) in addition to costs. This inefficient, ineffective "fix" can end up creating a waterfall of additional costs for your business.

THROUGH WORKING WITH 100'S OF WORLD-CLASS ORGANIZATIONS, OUR EXPERTS HAVE IDENTIFIED THE

## TOP 5 REASONS YOUR WI-FI MIGHT BE EXPERIENCING PROBLEMS:

- 1 POORLY DESIGNED OR IMPROPERLY MAINTAINED NETWORKS**
- 2 INCOMPLETE OR ABSENT POLICIES AND PROCEDURES ON WI-FI ACCESS**
- 3 NETWORK CAPABILITIES POORLY ALIGNED WITH USER EXPECTATIONS**
- 4 NOT ENOUGH OR TOO MANY ACCESS POINTS (APs) IN THE NETWORK**
- 5 PHYSICAL OBSTRUCTIONS AND FREQUENCY CONGESTION**

### LOCATION, LOCATION, LOCATION

WLAN performance and reliability is directly related to network design and install. APs and routers must be optimally positioned to support the roaming nature of mobile devices. RF interference from nearly any device (**radios, microwaves, cell phones, MRI machines**) can create major problems.

### ASK YOURSELF, "IS MY NETWORK OPTIMIZED FOR WIRELESS?"

"ARE YOU CONFIDENT THE NETWORK IS NEVER THE CAUSE OF DROPPED CALLS OR OTHER ISSUES?"

"ARE MOBILE APPLICATIONS PERFORMING AS WELL AS THEY REALLY SHOULD?"

"IS THE NETWORK BUILT TO SUPPORT MORE USERS OVER THE NEXT THREE YEARS?"

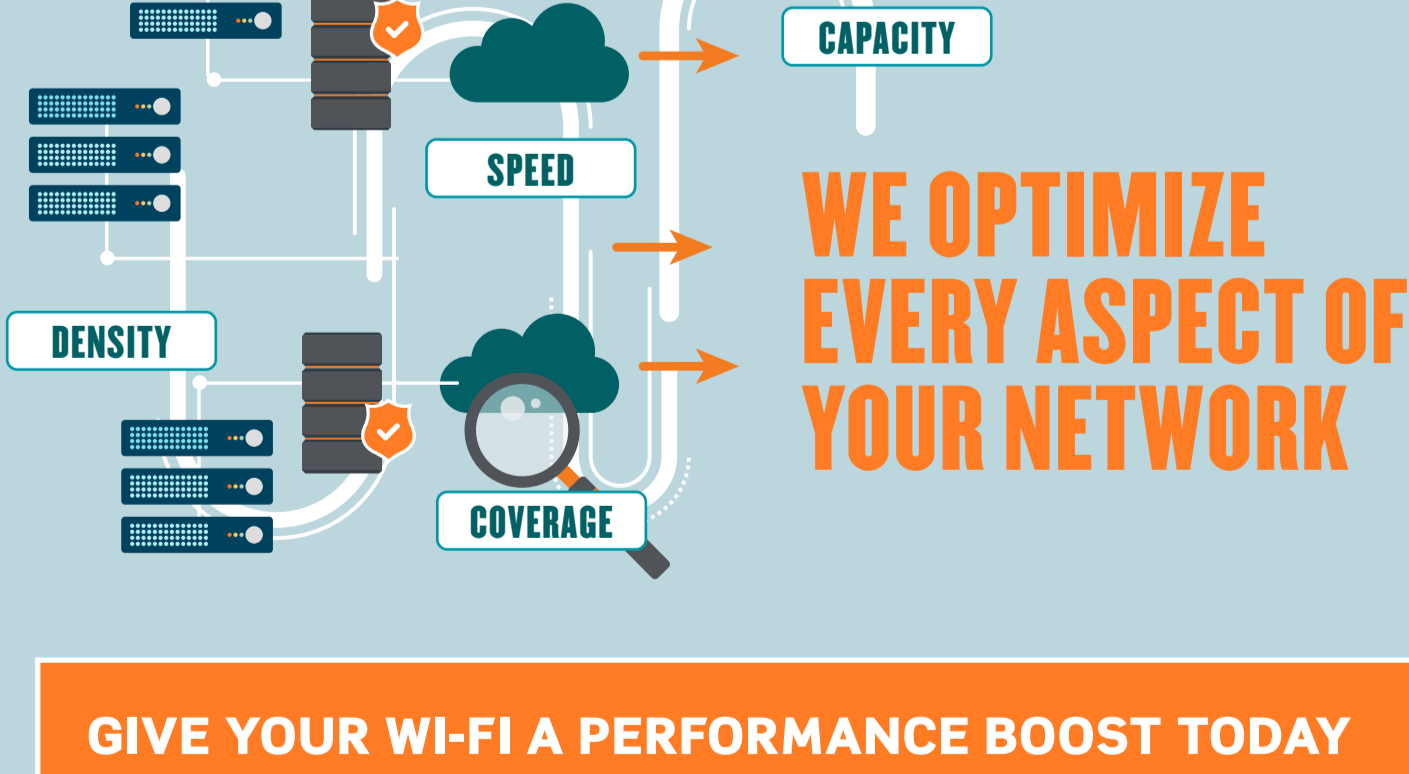
"IS THE NETWORK FUTURE-PROOFED FOR VOIP, IOT, RTLS AND VIDEO TELECONFERENCING?"

"DO USERS ENJOY CONSISTENT WI-FI SIGNAL STRENGTH EVERYWHERE IN THE BUILDING?"

**IF YOU ANSWERED "NO" TO ANY OF THESE QUESTIONS, YOUR NETWORK IS A PRIME CANDIDATE FOR A SPECTRALINK WIRELESS SITE ANALYSIS.**

### WE HELP MAKE THE MOST OF YOUR NETWORK INVESTMENT

Spectralink enterprise mobility experts optimize your existing network to achieve short-term relief today while providing a step-by-step remediation plan to help ensure your network is ready for tomorrow's mobile technology demands.



### GIVE YOUR WI-FI A PERFORMANCE BOOST TODAY

Learn more about why optimizing your Wi-Fi is one of the easiest, quickest ways to optimize the performance of your mobile deployment.

Visit [spectralink.com/design-services](http://spectralink.com/design-services) today.

SPECTRALINK MOBILE COMMUNICATION SOLUTIONS OFFER SECURE, INTUITIVE, PURPOSE-BUILT DEVICES THAT HELP PEOPLE STAY CONNECTED—NO MATTER WHERE THEY ARE. AS THE LEADERS IN IN-BUILDING WIRELESS TELEPHONY, WE GUIDE YOU THROUGH THE DESIGN PROCESS AND HELP MINIMIZE RISKS ASSOCIATED WITH WIRELESS NETWORK DEPLOYMENT, FROM INITIAL DESIGN, THROUGH EXPERT DEPLOYMENT, OPTIMIZATION AND MAINTENANCE. UNLOCK THE POWER OF YOUR MOBILITY SOLUTION AND MAXIMIZE YOUR RETURN ON INVESTMENT WITH SPECTRALINK.

**LEARN MORE TODAY.**

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