

# Wireless | WiFi

## DESIGN, SURVEY, INSTALLATION & IMPLEMENTATION

A truly robust wireless network increases flexibility, compatibility, and security for your business. Staley Technologies specializes in design, installation, and maintenance of networks, plus end-to-end structured cable systems.

Experienced WiFi engineers will examine your WiFi environment, create a customized solution and oversee the entire installation. Our solutions for wireless and ethernet cabling systems are based on your existing operations and leave headroom for future upgrades.

Licensed and well-versed, Staley Technologies has conducted countless wireless site surveys and installs with the following:

- Ekahau Pro - Design, Analyze, Optimize, and Troubleshoot WiFi Networks
- AirMagnet Pro Suite
- AirMagnet Spectrum XT
- Ekahau Sidekick - Packet Analysis

*Conducting WiFi heatmap site survey using WiFi mapping software to create wireless design plans.*



Optimal Wireless is the product of precision configuration. Staley Technologies can redesign any facility from raw product (mining) through manufacturing to distribution and retail.

### **We Offer:**

- Wireless site surveys
- Design, installation, and maintenance of wireless networks
- Access point, equipment, and cabling installation and maintenance
- Directional antenna and free space optic installation
- Onsite and remote troubleshooting
- Category 5e, 6, 6A, and 6+ copper cabling
- Multimode and single mode fiber optic cabling
- Series 6 and Series 11 coaxial cabling
- Low voltage wiring
- Removal of abandoned cabling & wiring
- CCTV cabling and installation
- Access Controls
- Audio Cabling
- VoIP phone upgrades
- Overhead paging - PA system installation

WiFi 6 is here, and soon, more devices will be able to connect simultaneously by optimizing WiFi through switching. Our partner vendor, Ruckus, offers products that optimize wireless and wired multi-gigabit solutions. This allows for multi-gigabit access capacity over existing cable infrastructure. A thorough audit of existing devices and cabling can determine the best option.



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