RF CONNECT
Intelligence Begins Here.

CASE STUDY

Affordable, Reliable Wireless Connectivity for Rail Yard Employee Smart Devices

OBJECTIVES

Ensure reliable and efficient digital communication among field workers, conductors and other stakeholders across expansive rail yards that are often located in remote areas where traditional cellular and Wi-Fi networks are unable to deliver 100% uptime and sufficient data throughput.

SOLUTIONS

The CBRS-enabled Private Wireless Network provides coverage for corporate iPads that run rail yard applications in the initial deployment and is architected to scale to support additional use cases across the entire North American footprint.

The solution leverages Control and User Plane Separation (CUPS) whereby RF Connect hosts the EPC in its data center and utilizes on-premise MEC to route and terminate user traffic on the client local network.

BENEFITS

1. Performance
2. Reliability
3. Scalability & Upgradability
4. Security
5. Affordability

KEY METRICS

50% less hardware than Wi-Fi

99.999% uptime since deployment

"This true mobility solution will take our services to the next level of connectivity and automation!

Thanks for guiding us and positioning our firm to keep our communications options open to be successful in the future"

Project Manager
Large Freight Railroad

FOR MORE INFORMATION
Send us an email at info@rfconnect.com or call us at 248.489.5800

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