

## SOLUTION BRIEF

# Wyebot Wireless Intelligence on RUCKUS Networks

## Proactive Wi-Fi Assurance From Infrastructure to User Experience

### The Challenge

Enterprise Wi-Fi environments are increasingly complex, spanning dense campuses, distributed locations, and mission-critical applications. While modern wireless infrastructure provides deep insight into network performance, many issues remain difficult to diagnose because they are intermittent, user-specific, or occur outside of peak troubleshooting windows. As a result, IT teams are often forced into a reactive mode—responding after users complain and spending valuable time isolating whether issues originate in the RF environment, the wired network, or upstream applications.

### The Combined RUCKUS + Wyebot Solution

RUCKUS Networks delivers high-performance, enterprise-grade wireless connectivity designed for the most demanding environments. Wyebot complements RUCKUS deployments by adding continuous, client-side visibility into the actual user experience across wired and wireless paths. Together, RUCKUS and Wyebot provide an end-to-end approach to Wi-Fi assurance—combining infrastructure intelligence with independent validation of how users connect, roam, authenticate, and access applications.

### Key Outcomes for Customers

- Proactive issue detection before users are impacted
- Faster troubleshooting and reduced MTTR with evidence-based insights

- Improved user experience across mission-critical applications
- Greater operational confidence in SLA-driven environments

### How It Works (High Level)

While RUCKUS access points and controllers optimize network performance, Wyebot continuously observes network behavior from the client perspective using sensors and endpoint-level intelligence. This complementary visibility helps IT teams quickly validate whether performance issues are related to the wireless environment, the LAN, the WAN, or applications—without finger-pointing.

### Enterprise Use Cases

- **Higher Education:** Ensure consistent connectivity for learning platforms and student mobility
- **Manufacturing:** Ensure reliable wireless connectivity for industrial mobility, automation, and operational applications
- **Large Venues:** Validate performance in highly dynamic, high-density RF environments
- **Distributed Enterprise:** Gain visibility across remote sites without on-site troubleshooting

### Why It Matters

By combining RUCKUS wireless performance with Wyebot's client-side intelligence, organizations can move beyond reactive troubleshooting toward proactive assurance—delivering reliable Wi-Fi experiences that users can trust.