

Wyebot Technical Overview for RUCKUS Networks

Client-side visibility and continuous validation for enterprise Wi-Fi

Overview

Wyebot adds an always-on layer of client-side intelligence to RUCKUS network environments, providing continuous visibility into real user experience across wired and wireless paths. Operating alongside RUCKUS infrastructure, Wyebot enables IT teams to validate connectivity, performance, and application access from the same perspective as end users.

Outside-In, End-User Perspective

Wyebot behaves like a real client on the network, continuously validating critical connectivity stages including association, authentication, DHCP, and application reachability. This outside-in approach helps teams understand what users experience—not just what controllers report.

24/7 Remote Monitoring with Sensors

Wyebot sensors continuously monitor RF and network conditions without manual intervention, capturing issues as they occur and supporting remote troubleshooting without requiring on-site visits.

Endpoint-Level Intelligence with DEX Agent

The Wyebot DEX Agent for Windows extends visibility directly onto user devices, capturing endpoint-level metrics such as roaming behavior, signal quality, and application performance. On systems equipped with Intel Wi-Fi chipsets, deeper telemetry—including low-level RF statistics and driver-level insights—is available for advanced client diagnostics.

Synthetic Testing Across Wired and Wireless Paths

Automated synthetic tests continuously validate SSIDs, wired connectivity, applications, and internet reachability. Tests can be used to validate multiple access points and network paths, helping ensure end-to-end connectivity remains intact.

Historical Packet Capture and Forensics

Always-on packet capture enables teams to analyze issues after they occur, supporting forensic troubleshooting of intermittent problems without the need to recreate them in real time.

Complementary Validation in RUCKUS Environments

RUCKUS infrastructure provides deep visibility into wireless network performance and optimization. Wyebot complements this intelligence by offering an independent client-side perspective that helps determine whether issues originate in RF conditions, the wired network, the WAN, or applications—supporting faster, evidence-based resolution.