

ZoneFlex™

Smart Wireless LAN Systems



The Ruckus Smart Wireless LAN (WLAN) system is the first enterprise product that delivers a secure, robust and expandable WLAN solution at an unmatched total cost of ownership.

TARGET MARKETS AND CUSTOMERS

- Hospitality
- Healthcare
- Retail
- Education
- Branch offices
- Manufacturing
- Legal/law firms
- Warehouses

QUALIFYING QUESTIONS (Does the end user company...)

- Have more than 20 users that need Wi-Fi support?
- Have limited IT staff?
- Need a simple wireless LAN that delivers robust capabilities?
- Need a more reliable Wi-Fi solution for business-class apps?
- Need purpose-built Wi-Fi that increases signal and range?
- Have a limited budget?
- Have limited Ethernet support throughout their enterprise?
- Want a Wi-Fi solution that provides better service?
- Need to centrally manage distributed Wi-Fi systems?

KEY FEATURES

- BeamFlex™ — Wi-Fi beamforming and beamsteering
- Smart Mesh Networking — Intelligent RF routing
- SmartCast — Innovative traffic handling
- SmartSec — Robust wireless security
- 802.11n — Highest speed performance

KEY BENEFITS

- **Smart antenna** — Better range, more reliable Wi-Fi connections
 - Wi-Fi signals extend 2 to 4 times farther than any retail or large enterprise WLAN access points
 - Automatic RF management (steers Wi-Fi signals in real-time)
 - High performance multimedia with per client, per traffic class quality of service
- **Smart Meshing** — Dramatically lowers CAPEX/OPEX
 - Eliminates Cat 5 Ethernet cable to every Wi-Fi access point
 - Requires fewer access points
 - Deploy once, never survey site again
- **Layered Wireless Security** — Automated, robust Wi-Fi security
 - State of the art encryption, 802.1X authentication, intrusion detection
 - No touch client security called Dynamic PSK
 - Captive portal
 - Guest portal
- **Effortless IT** — Configure in minutes, self-optimizing Wi-Fi
 - No IT staff, no worries – it's simple, simple, simple
 - Configures in minutes with an intuitive wizard
 - Self-learning, self-configuring, self-optimizing, self-healing
- **Centralized management with FlexMaster** — Simple and intuitive
 - Enable troubleshooting centrally or remotely over the Internet to avoid on-site visits
 - Easily group and manage multiple APs and ZoneDirectors
 - Upgrade and configure group of devices with a simple mouse click
 - Monitor deployed devices with web-based GUI dashboard









COMPETITIVE MATRIX

CAPABILITY	Aruba	Cisco	HP	Meru	Trapeze	Ruckus
Extended range and coverage						√
Interference mitigation and avoidance						√
Multiple wireless networks on same access point	√	√	√	√	√	√
Advanced Quality of Service (QoS)						√
Dynamic Pre-Shared Keys (no-touch client security)						√
802.1X support	√	√	√	√	√	√
Flawless transmission of concurrent voice, video & data						√
Automatic RF path selection and adaptation						√
High gain directionality						√
Guest access	√	√	√	√	√	√
Wireless meshing	limited	limited	limited	limited		√
5-minute complete wireless LAN configuration						√
Number of APs per 100,000 square feet	40	40	40	40	40	25



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ZoneFlex 2942		Wall, ceiling deployment	802.11b/g (54 mbps)	100 users	12-element smart antenna array	Two 10/100 Mbps Ethernet ports	Power over Ethernet (802.3 af) support	Operates with or without ZoneDirector	External antenna connector	Up to eight SSIDs
ZoneFlex 2741		Pole, wall, ceiling deployment	802.11b/g (54 mbps)	100 users	12-element smart antenna array	One 10/100 Mbps Ethernet ports	Power over Ethernet (802.3 af) support	Operates with or without ZoneDirector	External antenna connector	Up to eight SSIDs
ZoneFlex 7942		Wall, ceiling deployment	802.11n (200+ mbps)	100 users	12-element smart antenna array	Two 10/100 Mbps Ethernet ports	Power over Ethernet (802.3 af) support	Operates with or without ZoneDirector	No external antenna connector	Up to eight SSIDs
ZoneFlex 7942-OT		Wall, ceiling deployment	802.11n (200+ mbps)	100 users	12-element smart antenna array	Two 10/100 Mbps Ethernet ports	Power over Ethernet (802.3 af) support	Operates with or without ZoneDirector	No external antenna connector	Up to eight SSIDs
ZoneFlex 7962		Wall, ceiling deployment	802.11n (200+ mbps)	100 users	12-element smart antenna array	Two 10/100 Mbps Ethernet ports	Power over Ethernet (802.3 af) support	Operates with or without ZoneDirector	No external antenna connector	Up to eight SSIDs
ZoneDirector 1000		Wiring closet	Appliance	6, 12, 25 or 50 APs	Centrally configures/controls ZoneFlex APs	Two Gigabit Ethernet ports		Operates only with ZoneFlex APs	n/a	Up to 32 SSIDs per AP
ZoneDirector 3000		Wiring closet	Appliance	25, 50, 100 or 250 APs	Centrally configures/controls ZoneFlex APs	Two Gigabit Ethernet ports		Operates only with ZoneFlex APs	n/a	Up to 32 SSIDs per AP
FlexMaster		Wiring closet or Network Operation Center	Software	up to 10,000 managed devices (APs or ZDs)	Centralized management platform	Standard hardware with Linux OS		Manages standalone Ruckus APs and ZoneDirectors	n/a	n/a

BENEFITS SUMMARY

FOR THE ENTERPRISE
<p>Improved user experience</p> <ul style="list-style-type: none"> Consistent and high-level performance Extended Wi-Fi range Location freedom Reliable Wi-Fi <p>Affordable, purpose-built WLAN</p> <ul style="list-style-type: none"> Simple to use Low maintenance Robust feature-set Lowest-cost wireless LAN system in its class <p>Ultra-simple</p> <ul style="list-style-type: none"> Simple to use and operate Self-optimizing Adapts automatically to changing Wi-Fi environment Low maintenance

ABOUT RUCKUS WIRELESS

- Based in Sunnyvale, California
- Formed in 2004
- Funded by Motorola, T-Online, Sequoia Capital
- 140 employees
- Over one million "Ruckus Smart Wi-Fi systems" shipped worldwide
- Over 30 patents in the area of adaptive RF signal path selection, beamsteering, beamforming, and quality of service

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