

RUCKUS® WI-FI PORTFOLIO FOR FEDERAL



WI-FI ACCESS POINTS

- Indoor APs
- Outdoor APs



CONTROL AND MANAGEMENT OPTIONS

- RUCKUS SmartZone: physical/virtual controllers
- RUCKUS Unleashed: controller-less*
- RUCKUS Cloud: cloud managed*

* Products do not have federal certifications, but are available for guest or other non-classified network deployments

Federal agencies require robust, reliable wireless connectivity, both in-building and on-campus. Agencies have mission-critical needs for transferring massive amounts of data with low latency and are expanding the use of next-generation technologies such as high-definition video, virtual/augmented reality and the internet of things.

RUCKUS® Networks has engineered solutions to modernize federal network infrastructure for the fastest, most reliable Wi-Fi connections. The CommScope RUCKUS® portfolio offers federal agency and defense users the reliability, scalability, performance and security needed to effectively communicate in a wireless environment.

Wi-Fi solutions that meet the stringent certification requirements are limited within the federal market and RUCKUS® Networks is proud to be one of the few to offer exceptional networking solutions that help our customer achieve their mission goals.

KEY FEATURES AND Benefits

Multiple control and management options

- Physical controller for maximum control
- Virtual controller for maximum control and deployment flexibility
- Cloud-managed for simple, intuitive management
- Controller-less for plug-and-play ease

High-reliability, high-performance Wi-Fi

- Patented BeamFlex+® adaptive antenna technology yields better coverage, per device throughput and aggregate network capacity
- Patented ChannelFly® dynamic channel management technology maximizes AP and aggregate network capacity
- Patented technology allows SmartCast® queueing and scheduling techniques to deliver reliable QoS to all clients in complex traffic mixes

Operational simplicity

- Simplified management options allow WLAN configuration in minutes
- Built-in monitoring, diagnostics and RF management
- Simple, robust security including 802.1x and dynamic pre-shared keys

Dramatically lower CapEx/OpEx

- Superior coverage performance enables fewer APs to cover a given area—reducing up-front and recurring investment
- Superior density performance allows each AP to accommodate more users—reducing required AP count or providing greater investment longevity
- SmartMesh networking reduces cumbersome, costly cable runs

RUCKUS® Networks certifications

- FIPS 140-2 validated
- DISA DoDIN APL approved
- Common Criteria
- TAA
- NSA CSFC Approved

INDOOR & OUTDOOR ACCESS POINTS AND CONTROLLERS

The following products have federal certifications or are in the approval process

R610	Indoor 802.11ac Wave 2 Wi-Fi access point for dense device environments
R720	Indoor 802.11ac Wave 2 Wi-Fi access point with multi-gigabit backhaul for ultra-dense device environments
T610	Outdoor 802.11ac Wave 2 Wi-Fi access point
T710	Outdoor 802.11ac Wave 2 Wi-Fi access point with fiber backhaul
R650	High-performance Wi-Fi 6 4x4:4 indoor access point with 3 Gbps HE80/40 speeds and embedded IoT
R750	Very high-performance Wi-Fi 6 4x4:4 indoor access point with 3.5 Gbps HE80/40 speeds and embedded IoT
R850	Ultra-high-performance Wi-Fi 6 8x8:8 indoor access point with 5.9 Gbps HE80/40 speeds and embedded IoT
T750SE	Very High-Performance Wi-Fi 6 4x4:4 Outdoor Access Point with 3.5 Gbps HE80/40 Speeds and Embedded IoT. Available in omni or sector+ external antenna models
Cloudpath Enrollment System	Software/SaaS platform that delivers secure wired and wireless network access for BYOD, guest users and IT-owned devices
SmartZone 144	Scalable midsize campus and branch wired and wireless network controllers Supports up to 6,000 APs and 1,200 switches per cluster
SmartZone 300	Large-scale data center and campus wired and wireless network controllers Supports up to 30,000 APs and 6,000 switches per cluster
Virtual SmartZone (vSZ-E & vSZ-H)	Large-scale data center and campus wired and wireless virtual network controllers Supports up to 30,000 APs and 6,000 switches per cluster
SmartZone Data Plane	Appliance offered in virtual (vSZ-D) and physical (SZ144-D) form factors and can be deployed within a centralized data center, or remotely at tenant locations while maintaining centralized control over the entire wireless network

The following products and technologies are not currently certified; they all offer superior performance in any non-classified or guest network deployment.

T310 Series	Outdoor 2x2:2 2.4/5GHz 802.11ac Wave 2 Wi-Fi access points with omni and directed antennae
RUCKUS Unleashed	High-performance, simple-to-setup, easy-to-manage and affordable portfolio of access points with built-in controller functionality
RUCKUS Cloud	Cloud management provides a great solution for guest access or unclassified network connectivity needs
RUCKUS Analytics	A cloud service for network intelligence and service assurance. Powered by machine learning and artificial intelligence, it gives IT comprehensive visibility into network operations.
RUCKUS IoT Controller	A software controller that support IoT devices from the RUCKUS IoT Ecosystem. Our IoT Ecosystem partners offer panic buttons, door locks, thermostats, and more.

About RUCKUS Networks

RUCKUS Networks builds and delivers purpose-driven networks that perform in the demanding environments of the industries we serve. Together with our network of trusted go-to-market partners, we empower our customers to deliver exceptional experiences to the guests, students, residents, citizens and employees who count on them.

<https://www.ruckusnetworks.com/solutions/industries/u.s.-federal-government/>

Visit our website or contact your local RUCKUS representative for more information.

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