

DATA SHEET



COMPRISED OF:

- An all-inclusive subscription package
- A large selection of compatible access points (APs)

SUBSCRIPTION OPTIONS:

- 1-year
- 3-year
- 5-year

THE SUBSCRIPTION INCLUDES:

- AP management
- Reporting and analytics
- 24x7 phone / chat / web support

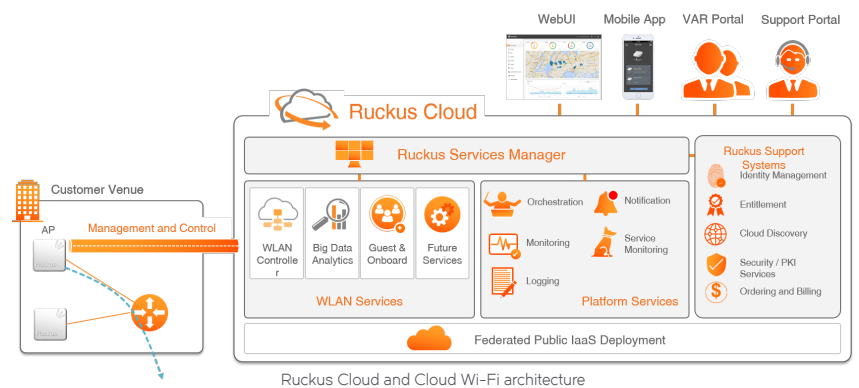
Ruckus Cloud Wi-Fi is WLAN Management-as-a-Service. Wi-Fi coverage and capacity is provided by high-performance APs deployed on site; control and management are delivered as a cloud service through a web and mobile interface. Cloud Wi-Fi enables any organization with any level of IT resources to quickly and easily set up, monitor and manage a campus or multi-site WLAN of any size, without sacrificing Wi-Fi performance.

THE ONLY CLOUD-MANAGED WLAN THAT DELIVERS:

- Reliable operation under the most challenging client density, RF interference and environmental circumstances
- Simple, intuitive web-based and mobile app-based user interfaces that hide complexity from the user, displaying only the information needed to accomplish a task
- Scalable to a network of any size, all visible through a single, common UI
- Investment protection: APs can be reused with any Ruckus architecture, should customers decide to migrate to an on-premises or data center-centric approach

RUCKUS CLOUD

The Ruckus Cloud is built on the proven, high-scale Virtual SmartZone controller platform and incorporates a sophisticated analytics and reporting function derived from the Ruckus SmartCell Insight big data analytics platform. The Ruckus Cloud features an extensible, Network Functions Virtualization (NFV) compliant architecture that enables the rapid introduction of new capabilities—including best-in-class 3rd party functionality, such as customer enablement applications, location-based services, and others.



KEY FEATURES AND BENEFITS

BEST-IN-CLASS APs

- The latest Ruckus 802.11ac Wave 1 and Wave 2 APs
- Indoor and outdoor options
- Mesh and fast roaming
- Automatic RF optimization
- Automatic interference mitigation
- Automatic client load balancing and band balancing

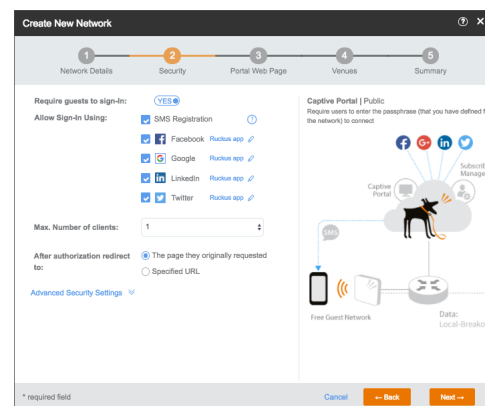
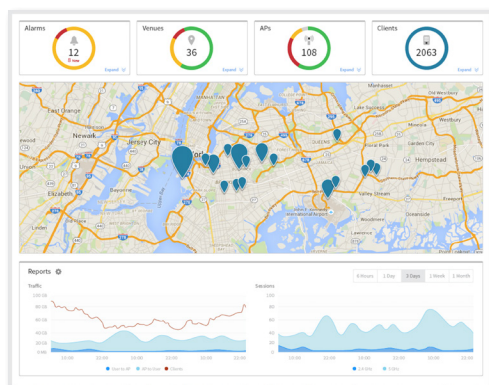
- ✓ High-density deployments: 100 or more clients per AP
- ✓ High-scale deployments: hundreds of sites, thousands of APs, tens of thousands of clients
- ✓ Deployment: auto-connect to cloud and serial number scanning via the mobile app



INTENT-DRIVEN UI

- Simple, intuitive UI speeds management
- Venue concept supports WLAN deployment, management and troubleshooting easy across multiple sites
- Simplified workflows
 - RF policies, WLAN types (private, public, sponsored guest), rich guest access options, QoS, VLANs
- Logs pre-filtered by venue, WLAN, APs, clients
- Dedicated section for big data analytics

- ✓ Full multi-tenant architecture
- ✓ Admin, guest manager and read-only role-based administration
- ✓ Allow partners to manage network
- ✓ "Easy button" access to Ruckus Support on a 24x7 basis



COMPREHENSIVE GUEST ACCESS AND WLAN SUPPORT

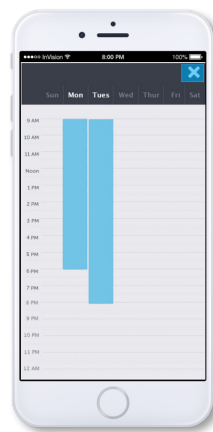
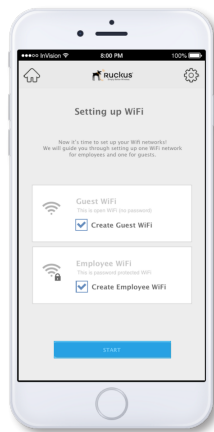
- Self-help or sponsored guest WLANs
- Social login, SMS and other captive portal options
- Mobile app for dynamic captive portal ad insertion and monetization
- Free Wi-Fi with lock-out period and simple unblock options
- MAC caching to allow repeat customers quick access to guest Wi-Fi

- ✓ Dedicated captive portal platforms
- ✓ Mobile, SMS, email notification integration
- ✓ Private access using PSK, Cloudpath or 802.1x with AAA
- ✓ Public access using social, SMS, email, click-through, passcode

POWERFUL MOBILE APP

- Free SMS, email and push notifications
- Get notified of AP status
- Scan serial# of AP to add to venue
- Change passphrase instantly
- Customize captive portal splash content and logo
- Extend free Wi-Fi access for guests
- Scan business card to generate guest pass

- ✓ Modern cloud-based application with push notifications
- ✓ Native iOS and Android versions



ZERO-TOUCH PROVISIONING

- Scan AP serial number with mobile app—no data entry required
- Global cloud discovery automatically registers APs
- Cloud auto-updates firmware upon registration

- ✓ LED indicators report cloud discovery status
- ✓ Latest firmware maintained by the cloud

Scan serial# using mobile app



Or, add AP serial number in the web interface

Plug-in AP to connect to the cloud

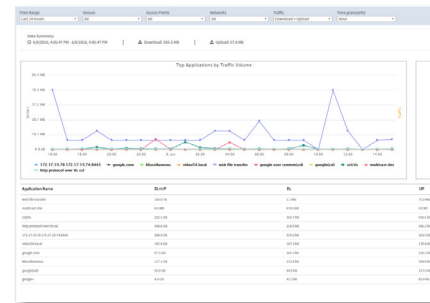
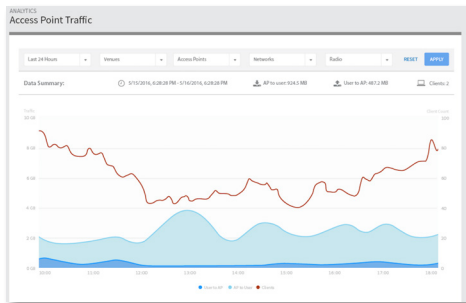


ALL GOOD!

ADVANCED REPORTING AND ANALYTICS

- Long-term reporting for up to 6 months
- 15-minute data interval
- By venue, by AP, by WLAN, by radio
- Client and AP traffic trending
- Application visibility

- ✓ Big data architecture using Hadoop multi-node clusters
- ✓ Extract, transform load processing
- ✓ Indexed structured reporting for fast access



INVESTMENT PROTECTION

- Ruckus Cloud Wi-Fi managed APs can be migrated from or to Ruckus controller-based or controller-less architectures

- ✓ Cloud Wi-Fi runs the same virtual SmartZone controllers that customers can run in their data center
- ✓ Protect all your AP, installation and planning investment



FEATURE SUMMARY

Scale	<ul style="list-style-type: none"> Virtually unlimited number of APs can be supported Clients per AP: refer to AP datasheet
Employee Wi-Fi	<ul style="list-style-type: none"> PSK (WPA/WPA2), 802.1x/RADIUS authentication SSID scheduling (via mobile app) Per client bandwidth limit
Guest Wi-Fi	<ul style="list-style-type: none"> Open, PSK, captive portal, social Wi-Fi login (Facebook, Google+, LinkedIn, Twitter), sponsored guest Guest manager (front desk) admin portal SMS authentication, email and print guest pass SSID scheduling (via mobile app) Free Wi-Fi access with time limit (via mobile app) Per WLAN aggregate bandwidth limit Per WLAN and per client bandwidth limit MAC caching support
RF Features	<ul style="list-style-type: none"> Channel and power control per venue BeamFlex+, band balancing (between 2.4 and 5GHz radios on the same AP), load balancing (between APs) ChannelFly and background scan Airtime fairness Client isolation Mesh (AP model R310 does not support mesh)
Traffic Types	<ul style="list-style-type: none"> Only AP and client management traffic is sent to cloud Client data traffic is broken out to local LAN
Security	<ul style="list-style-type: none"> All traffic from AP to cloud is encrypted Client data traffic is locally terminated (not sent to cloud) Management data in the cloud is fully encrypted
Secure Device Onboarding and Device-based Policy	<ul style="list-style-type: none"> Via Cloudpath subscription service (sold separately)
Detailed Reporting	<ul style="list-style-type: none"> Application visibility Complete traffic report (per AP, per SSID, per venue, per radio) Session report Unique client report (tracking 2.4 vs 5GHz clients over time) Duration: up to 6 months (some reports may be restricted to shorter duration)
Troubleshooting	<ul style="list-style-type: none"> Remotely reboot APs, pull diagnostics information Event logs sorted by venue, SSID, AP, client Alarms generated for AP status
Mobile App	<ul style="list-style-type: none"> iOS and Android native applications Push notifications for alarms (e.g. AP up/down events) Add new APs to venue, add new SSIDs (enterprise or guest), view and modify SSID and passphrase Monitor status of WLAN and clients Customize captive portal content, define custom SSID schedules Monitor and unblock guest Wi-Fi users that have reached free Wi-Fi limit

Partner Delegation	<ul style="list-style-type: none"> Organizations have the ability to extend their access credentials to enable Ruckus authorized VAR to manage network Ruckus VAR single sign-on to manage multiple customer networks
Other Management Highlights	<ul style="list-style-type: none"> SMS, email and mobile push notifications <ul style="list-style-type: none"> Network alerts Customer notifications Google Maps integration Import floor plan to venue to visualize physical location of APs
Cloud Infrastructure	<ul style="list-style-type: none"> Hosted in USA on world-class IAAS provider with: <ul style="list-style-type: none"> ISO 27001 information security certification SSAE-16, SOC 1, SOC 2, and SOC 3 certifications Stringent physical, data access, data disposal security measures Green carbon-neutral facilities Dedicated inter-DC fiber connectivity
SLA	<ul style="list-style-type: none"> 99.9% network availability (does not include planned maintenance including periodic software upgrades and other pre-announced activities) Ruckus NOC (U.S.-based)
Support	<ul style="list-style-type: none"> 24x7 chat/online ticketing system/phone support options Support for the Wi-Fi service is included for the term of the subscription AP hardware warranty is covered separately with the AP purchase <ul style="list-style-type: none"> Generally, warranty on indoor APs is limited lifetime and on outdoor APs it is 1 year. Refer to the specific AP datasheet for details. Warranty replacement process is return to factory. Ruckus will ship replacement AP after receiving customer's AP. Advanced hardware replacement for each AP is sold separately (SKUs starting with 803-).
AP Models Supported	<ul style="list-style-type: none"> Unleashed APs (SKUs starting with 9U1) <ul style="list-style-type: none"> R310, R500, R600, R710, T300, T301, T710 ZoneFlex APs (SKUs starting with 901) <ul style="list-style-type: none"> H510, R510
Cloud SKUs	<ul style="list-style-type: none"> 1-year Cloud Wi-Fi license for one AP <ul style="list-style-type: none"> CLD-RKWF-1001 3-year Cloud Wi-Fi license for one AP <ul style="list-style-type: none"> CLD-RKWF-3001 5-year Cloud Wi-Fi license for one AP <ul style="list-style-type: none"> CLD-RKWF-5001 <p>Note: Subscription starts when the activation email is sent to customer. The start time is the same for all the licenses in the order, e.g., if customer orders 50 x 5-yr subscription, subscription start time is the same for all 50 APs, even if some are installed at a later date.</p>