WiFi Technology Refresh Analysis

FedRAMP Cloud WiFi Promotion - Q3 2018

immixGroup

FedRAMP

Mojo Networks FedRAMP Cloud WiFi

Mojo Networks continues to lead the industry for federal WiFi solutions by being the first WiFi vendor to offer a FedRAMP cloud WiFi solution, **Cognitive WiFi™**, to our federal customers.

In addition to offering the most secure, intelligent, and scalable WiFi product available, Mojo's Cognitive WiFi solution is up to 40% less expensive than legacy controller-based WiFi networks and leverages the cloud architecture to apply artificial intelligence to the data across your network to provide advanced troubleshooting and analytics that simplifies network administration – allowing your team to focus more time on strategic projects.

To commemorate this acheivement, for a limited time Mojo has extended **special promotional pricing** for all federal customers that want to expand, upgrade or refresh their existing network with a federal-grade FedRAMP cloud-WiFi solution.

PROMOTIONAL DETAILS

Purchase Mojo Networks C-130 APs with a 1-year or 3-year cloud subscription, and receive two (2) additional years of subscription at no extra charge. Mojo will also provide an SE on-site for one day to assist with the initial configuration and informal training.
This promotion is ideal for proof of concept (PoC) evaluations, new installations, or WLAN upgrades from legacy controller-based networks.

No. of APs	3 Years Subscription Estimated purchase price for 3 year subscription	Actual term of subscription	Cost per AP per month
10	$4,438	3 Years	$12.33
50	$22,188	3 Years	$12.33
100	S44,376	3 Years	$12.33

No. of APs	5 Years Subscription Estimated purchase price for 5 year subscription	Actual term of subscription	Cost per AP per month
10	$5,599	5 Years	$9.33
50	$27,993	5 Years	$9.33
100	$55,986	5 Years	$9.33

The minimum order quantity is 10 access points. Promotional pricing applies to all access points ordered with this offer up to a maximum of 500 units.

For more information please contact us at 877-930-6394 or email us at federalsales@mojonetworks.com

The Power of Mojo Networks Cognitive WiFi for Federal Customers

Legacy controller-based WiFi networks are, by their nature, limited in scalability, costly to purchase and operate, maintenance intensive, and lacking in performance and resiliency because many of the advanced features are performed at the controller rather than at the location where the activity takes place. Nearly all access points, regardless of the vendor, are based on standard reference designs provided by chip set manufacturers. Yet all of them are sold at a premium with up to 70% additional margin not commensurate with the addition of a company logo and little to no innovative value for the customer.

If you are tired of being over charged for hardware and license intensive, commodity-based WiFi architecture and want to leverage the power and flexibility of the cloud to realize intelligent high-performance WiFi service that gives you time back in your day, then Mojo Networks has the right solution for you.

The Market Economics: 5 year TCO vs. Controller
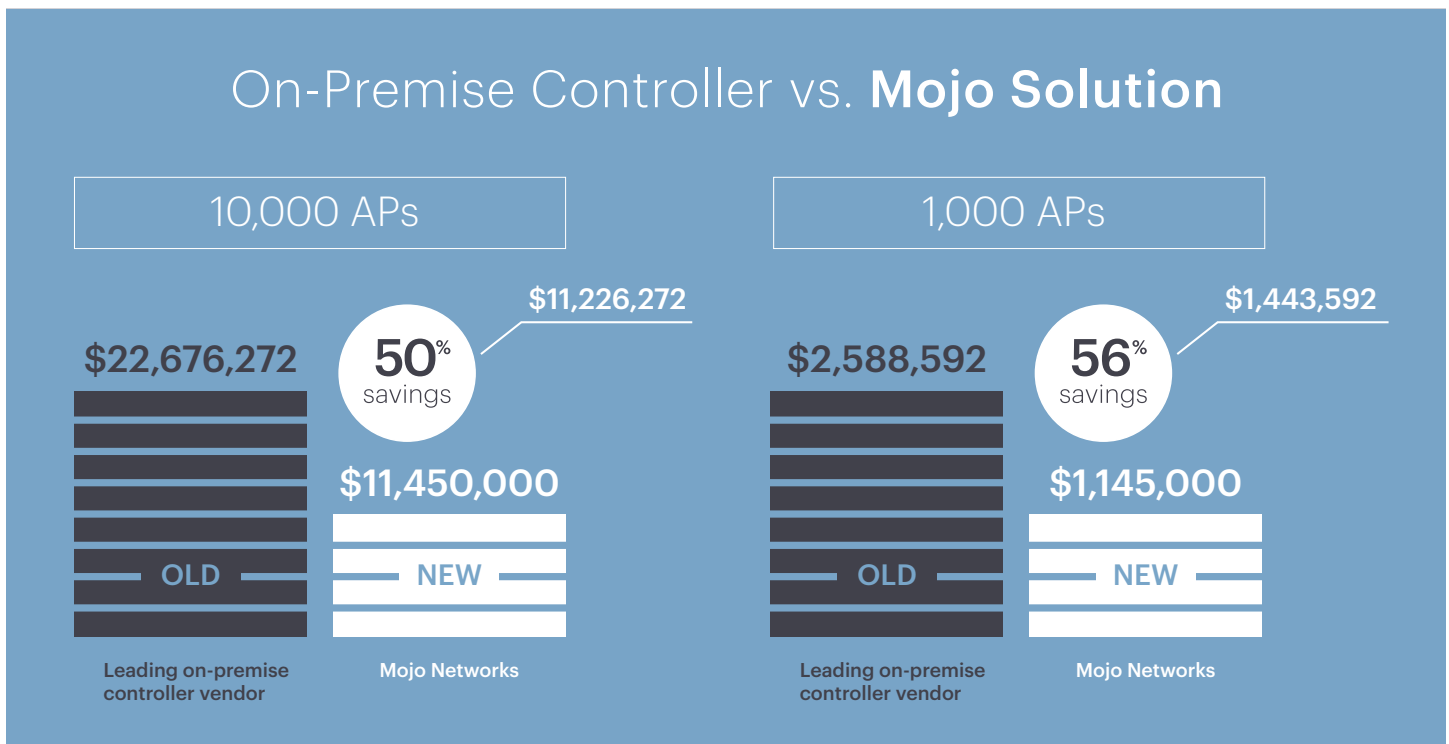
The implementation of WLAN 802.11ac access points requires a complete replacement of all your existing access points, and in some cases, especially in older networks, all of your controllers. When implementing a new network or undergoing a network upgrade, it is the perfect time to evaluate new technologies and ways of architecting your network to ensure your new deployment provides the highest level of performance, security, and proactive intelligence that will support the growing demand for mobile network access in the years to come. Many agencies are mandated to comply with various cloud initiatives and are already recognizing reduced costs and advanced features by moving applications to the cloud. In addition to the significant cost savings realized by implementing a WLAN management platform that resides in a secure FedRAMP cloud, the built-in intelligence and inherent reliability of the system increase the overall value and return on investment (ROI) proposition for Mojo's federal customers.

Some of the benefits of implementing Mojo's Cognitive WiFi platform include:

• Migrating your WLAN to Mojo Network's FedRAMP Cloud is easy. There is no need to re-design your underlying network architecture. You have flexibility to switch data locally at APs or aggregate centrally via Mojo's Multi-Service Platform.

Solid reliability is provided through high availability, automatic disaster recovery in the cloud, as well as fault-tolerant standalone AP
• mode. If the communication to the cloud management server is lost, your network traffic will not affected.

To meet the rigors of FedRAMP, Mojo's system must comply with FIPS 140-2 and Common Criteria certifications. Additionally, the
• cloud must meet strict security standards and controls dictated by Mojo's corporate security policies which implement additional measures to achieve SSAE-16 SOC-2 compliance and ISO270001 certification.

Finally, a cloud architecture tailored for large campus WiFi networks
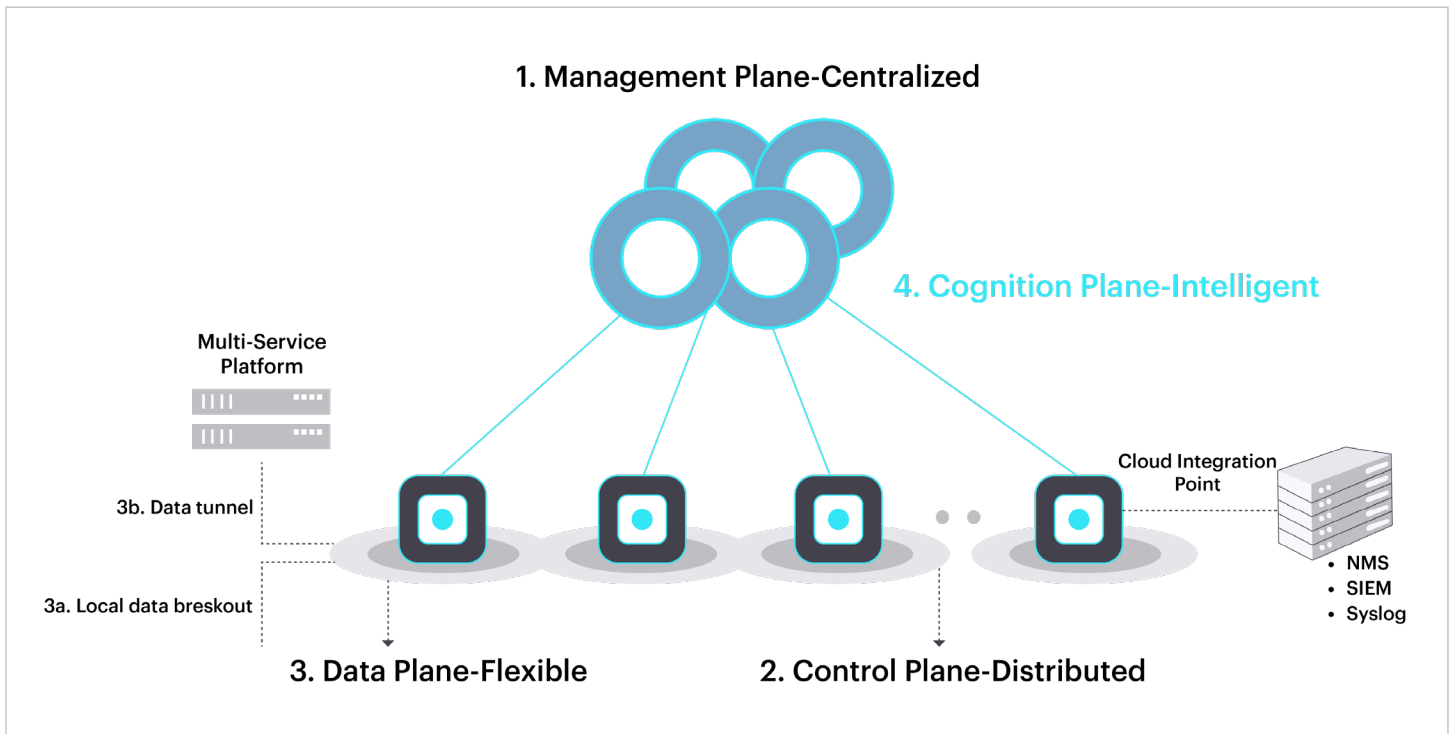

WLAN Security

The federal government requires that all wireless networks be monitored by a Wireless Intrusion Detection System (WIDS). Mojo Networks has been providing unmatched Wireless Intrusion Prevention Systems (WIPS) to federal customers under the name of AirTight Networks for the past 11 years. Today, we proudly protect the nation's most critical enterprise networks from wireless threats with "Automated Policy Enforcement". This technology is included within the Mojo Cloud WiFi offering at no additional cost.

The access point that Mojo is offering (C-130) is a 4x4 802.11ac wave2 AP, which contains a third radio which facilitates the WIPS functionality mentioned above. There is no additional hardware or software to activate this functionality. And since security assurance is enforced using a dedicated radio, it is able to provide 24x7 monitoring that ensures the network meets the federal security requirement at all times.

Automated Policy Enforcement
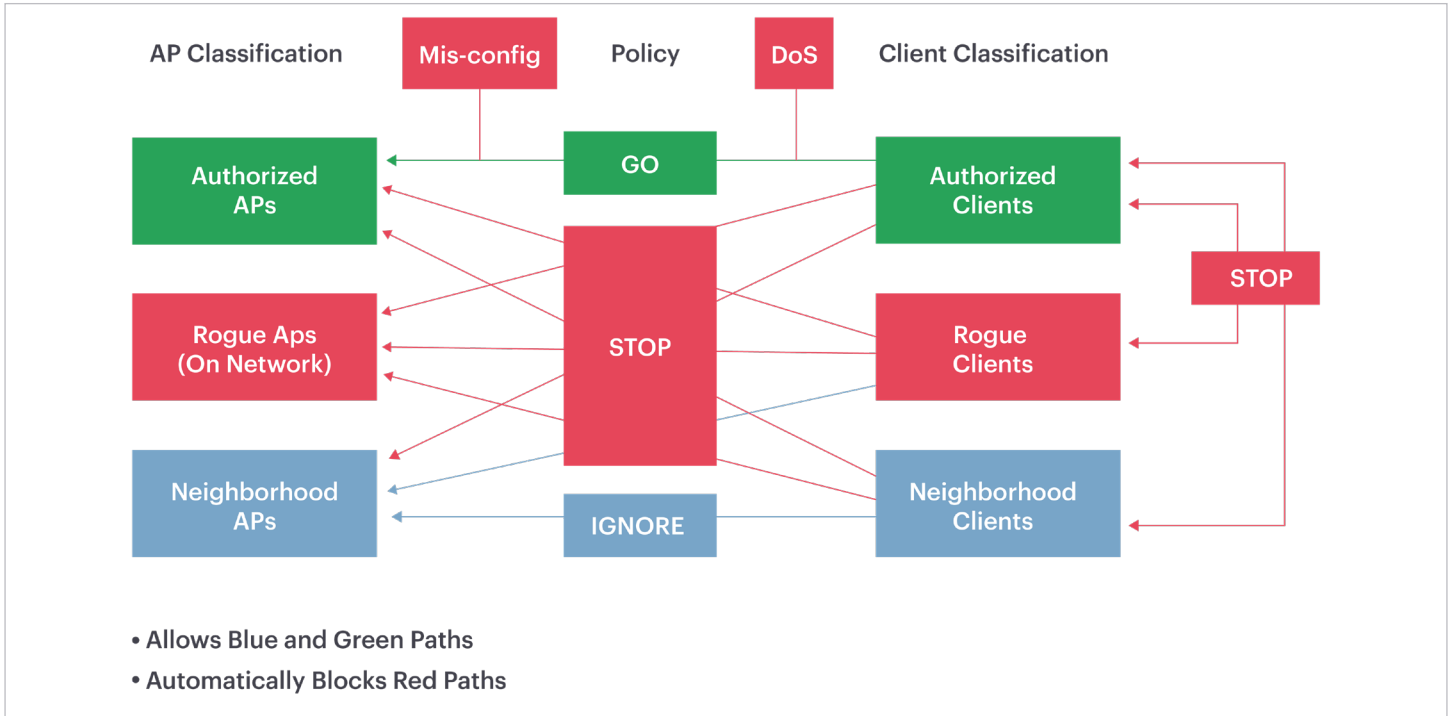

Additional Functionality

The third radio mentioned above can also provide additional functions which constantly monitor the wireless environment for potential interference and invoke automate troubleshooting operations that serve to maintain optimal network performance at all times.

The first of these functions is the RF Management (RFM) feature, which continually scans the RF environment for interference that may cause client connectivity issues. In the event one is detected, RFM triggers the network to adjust channel settings to avoid such disturbances. By doing so, RFM allows the radios on the C-130 serving mobile clients to be more efficient and therefore support higher user counts and throughput than the other WLAN providers. Other vendor solutions only offer dual radio access points, which force 802.11ac radios to disrupt their data service to clients during to conduct similar scan operations, impacting throughput performance. Additionally, RF management features cannot be used in tandem with quality of service policies to support latency sensitive applications, which means if you want to support voice over WiFi or video on these networks you will need to turn off the very feature that is intended to ensure performance of these applications.

In addition to RFM, Mojo's client simulation feature allows you to proactively test your client connectivity. This is done by periodically turning the third radio into client mode and testing the connectivity of neighboring access points by running a series of tests to ensure the WLAN is functioning properly. These tests can be run on demand or automated on a pre-determined schedule, and the system will provide reports on key network resources without sending technical staff onsite.

Experience your network before your users do

- Turn multi-function tri-radio APs into WiFi clients
- Proactively test your network's readiness
- Validate user-reported WiFi issues
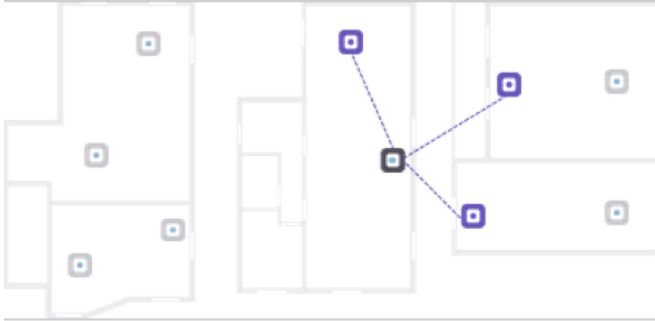
Test Report

Association Status	●
Authentication Status	●
DHCP Status and Latency	●
Gateway Reachability and Latency	●
DNS Status and Latency	●
WAN Reachability and Latency	●
Ping Tests	●

If you would like to simplify your deployment, improve your network performance, save time on network maintenance, and save valuable budget dollars for other strategic initiatives, contact Mojo today to take advantage of this offer!

You can contact us by calling **877-930-6394** or email us at **federalsales@mojonetworks.com**

Terms and Conditions:

- Extension of this promotion is valid for orders received from July 1, 2018 to September 30, 2018.
- Offer applies to orders with a minimum of 10 APs. Promotional price is valid for up to 500 APs.
- Promotion code FEDRAMP_Q32018 must be referenced when submitting an order.
- Offer available to valid federal institutions or entities and those funded by federal funding that require FEDRAMP cloud products. Promotional price will be applied at the time of the purchase.
- Offer cannot be combined with: any other offer, any other Mojo Networks' promotion, special project discounts, allowances, or
- other offers from Mojo Networks or Mojo Networks' Authorized Channel Partners or resellers. Mojo Networks reserves the right to change or cancel any aspect of this offer at any time.
- Mojo Networks reserves the right of refuse and reject any claim that, in Mojo Networks' sole judgment, does not meet the
- specifications of this offer. This offer is void where prohibited or restricted by law. Other than what is contained in this offer, your standard contract terms and
- conditions will apply to any purchase made pursuant to this offer.