



## CENTRALIZED SERVICE DELIVERY AND MANAGEMENT PLATFORM

# NX 9500 INTEGRATED SERVICES PLATFORM FOR THE PRIVATE CLOUD

## CONTROL YOUR ENTIRE NETWORK WITH A SINGLE, CENTRALIZED COMMAND CENTER

Are you prepared to manage the explosion of wireless devices and mobile applications in your enterprise? With our NX 9500 Integrated Services Platform for the NOC or private cloud, you will be. This single appliance provides one management interface through which your entire distributed network can be controlled — for both your access points and guest access services, mobile applications and the mobile devices in the hands of your workforce. The NX 9500 feature set includes centralized management of initial and ongoing configurations, security policies, remote troubleshooting, hotspot management and DHCP, Radius AAA and FTP services.

## FEATURES

### Complete visibility of the entire distributed deployment

One point of configuration; WiNG 5 provides comprehensive management and multiple points of control for up to 10,000 multi-vendor network elements; provides granular control plane management

### Guest access analytics

Analytics and reports on device-user browsing behavior provide insight into the usage of guest access network; usage data includes date and duration of use, device and user profile and websites visited

### Security at the network edge

Each packet is inspected at Layer 2 via a stateful firewall, IP SEC VPN and 24x7 Wireless Intrusion Protection System (IPS); built-in sensors provide better control of your broadcast domain

**Multi-level resiliency with Spectrum Management**

Smart RF management mitigates the RF disruption caused by Wi-Fi and non-Wi-Fi interference, faulty antennas, dynamic dead spots or neighboring access point failures by allowing the WLAN to automatically and intelligently adapt to changes in the RF environment

**Simple installation and remote debugging**

Fast and easy zero-touch installation; rule-based access point and adoption from all locations; centralized point for gathering remote troubleshooting data

**BYOD services**

Fingerprinting, analytics and identity management help manage and secure user-owned devices with differential access and based on user roles and different devices per user on the network, along with time based statistics on user behavior on the hotspot.

**Simplified license management for large distributed enterprises**

Distribute and use licenses based on actual load per site/location — no need to provision each location individually; eliminate the need to provision devices in both local offices and the NOC with access point licenses

**WING 5 FOR SUPERIOR WLAN PERFORMANCE, SCALABILITY, RELIABILITY AND QUALITY OF SERVICE**

All access points are capable of determining the best route for traffic, maintaining Quality of Service (QoS) and security policies. The result? Bottlenecks in traditional hub-and-spoke networks are eliminated. The NX 9500 supports 1:1 failover for high availability, with no additional licensing fees for the redundant system.

**GAP-FREE SECURITY FOR MULTI-VENDOR WIRED AND WIRELESS NETWORKS**

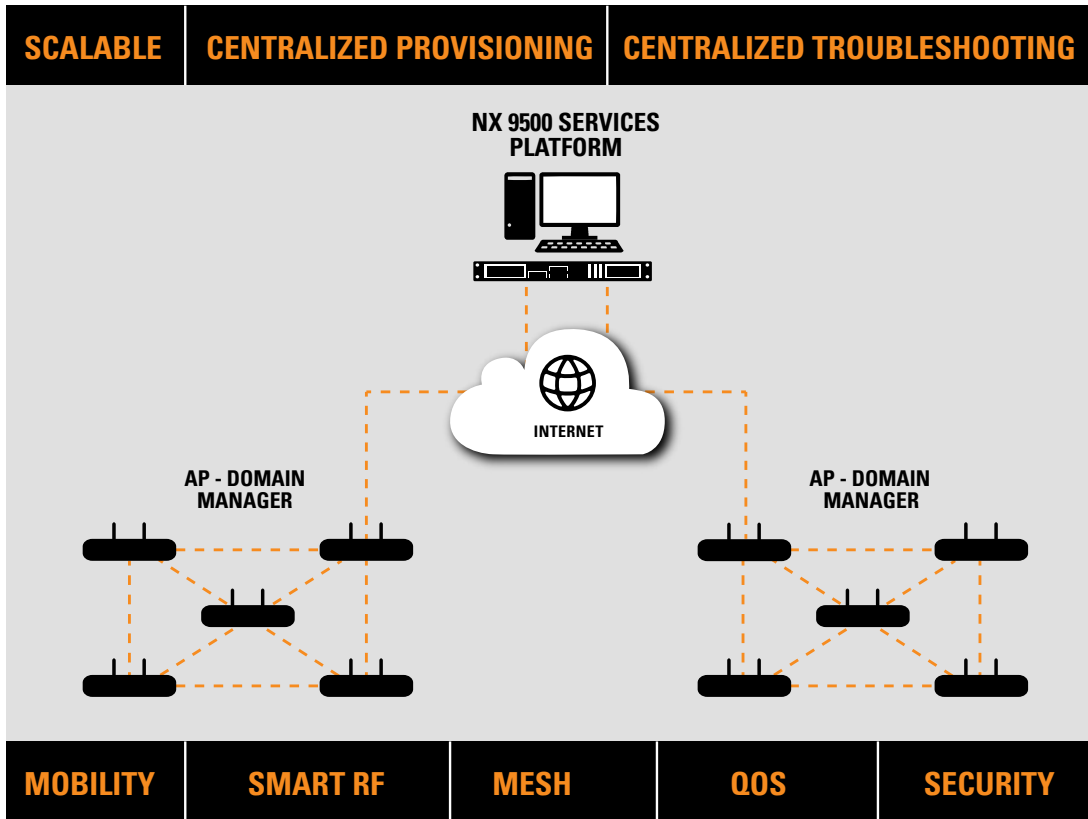
The AirDefense's Advanced Network Assurance Toolset provides a high-powered platform to manage your entire network, including Motorola and non-Motorola WLAN infrastructure. Motorola's AirDefense Services Platform (ADSP) simplifies the management, monitoring and protection of your WLAN networks. The software-based platform combines the information collected from your network of sensors or access points with the analytical power of an intelligent central console to provide 24/7 network monitoring, automate security, enable regulatory compliance and provide remote troubleshooting. The Security & Compliance function allows you to define, monitor, and enforce corporate wireless LAN and regulatory compliance policies. Network Assurance functions provides remote identification and remediation of network problems that impact wireless applications and proactively optimizes network performance. With a focus on putting real-time information in customers' hands, the ADSP solution maximizes the value of WLAN networks assuring the availability and performance necessary for business critical enterprise applications.

**END-TO-END SUPPORT**

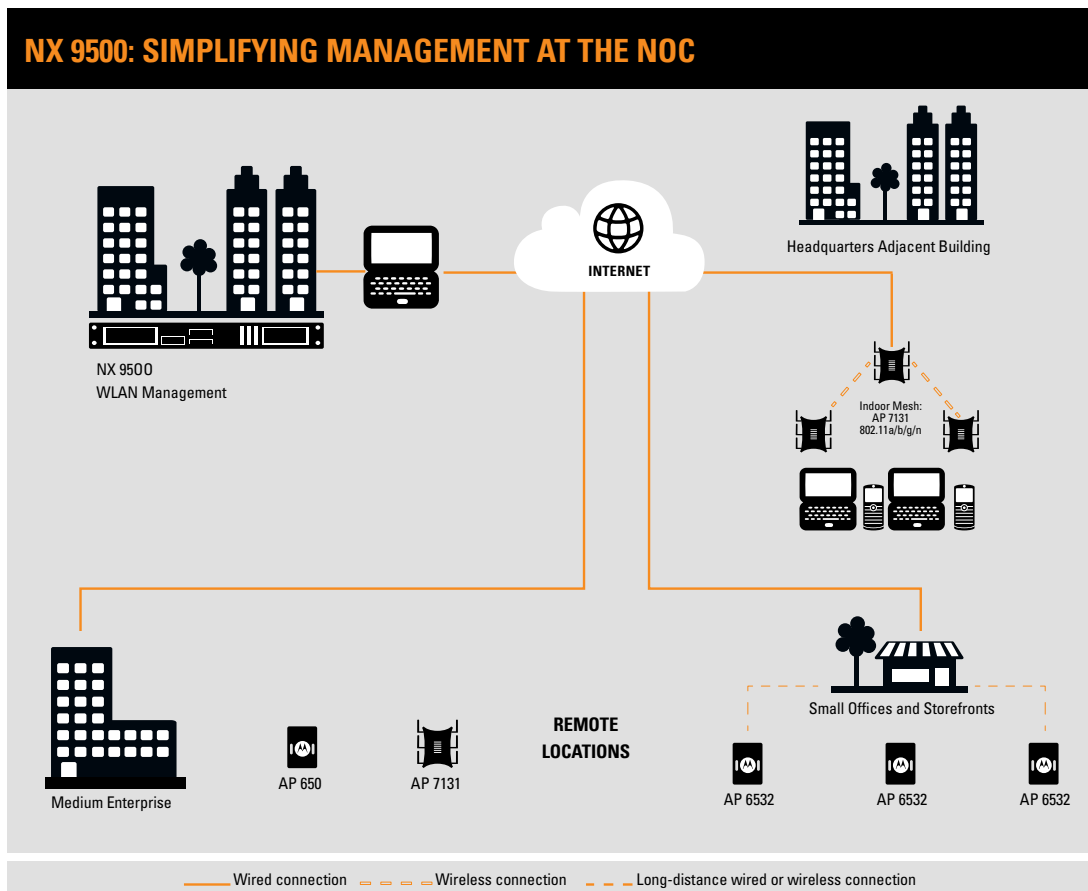
As a leader in enterprise mobility, Motorola brings experience gained from working all over the globe with some of the world's leading companies. We leverage this expertise to offer solutions to our branch office customers that meet the peak performance needs of their business. Our comprehensive portfolio of services offers assistance at every phase of network lifecycle — from planning and implementation to post-deployment everyday support. Our services help you reduce risk, lower your capital investment and operational costs, improve service delivery and tailor your network to meet your specific needs.

Simplify network control, reduce network costs and increase network services with the **Motorola NX 9500**.

For more information, please visit  
[www.motorolasolutions.com/NX9500](http://www.motorolasolutions.com/NX9500)



The flexible NX 9500 Integrated Services Platform for the Cloud allows you to directly adopt and manage your Motorola access points. The NX 9500 easily scales as your company grows, allowing you to add more services and support more workers as needed — while also providing the management simplicity that comes with centralized and remote provisioning and troubleshooting of network infrastructure. And the NX 9500 delivers the intelligence your Motorola access points need to provide workers inside each branch with highly dependable and secure integrated voice and data services and applications.



**INTEGRATION INTO ANY SIZE NETWORK**

The powerful NX 9500 forms the foundation of a true integrated network capable of delivering practically any service required to any worker in any size office — from large headquarters to mid-size and small branch offices.

**Simplified guest access**

Guest Access Management is vastly simplified through the ability to centrally manage guest access policies across the network, including: parameters such as device finger printing, onboarding (setting up secure guest access) and differential access (user, device and application based access with QoS).

## SPECIFICATIONS CHART

| NX 9500                        |   |
|--------------------------------|---|
| Dimensions                     | 2U; 3.4 in. H x 16.9 in. W x 27.75 in. L/8.63 cm H x 42.93 cm W x 70.49 L cm  |
| CPU                            | Dual Intel Xeon 6-core, 2.53GHz, 8MB cache  |
| Memory                         | 36 GB of ECC DDR3 RAM   |
| HDD                            | Enterprise-class reliability SAS/SATA drives 2x 1TBGB rated for 24/7 high-duty cycle operation (read/write) and 1.2m+ hours MTBF  |
| Ethernet Ports                 | Ethernet ports 2x GbE on rear   |
| Access Point Capacity          | 10,240  |
| Redundant Power Supply         | Hotswap power supply  |
| USB Ports                      | 5 total ports: 4 ports on the back of the unit, 1 port on the front of the unit   |
| Features                       | <ul style="list-style-type: none"><li>• BYOD</li><li>• DHCP Server</li><li>• RADIUS Server</li><li>• Data processing</li><li>• Centralized configuration</li><li>• Site survivability</li><li>• Guest analytics</li></ul> |
| Centralized License Management | <ul style="list-style-type: none"><li>• Security: Rogue elimination/intrusion prevention and forensics</li><li>• WLAN management: configuration management, statistics and alarms</li></ul>                               |

Software modules on NX 9500 will be available in the near future. Check WiNG 5.x release notes at [www.motorolasolutions.com/support](http://www.motorolasolutions.com/support) for details on modules supported on the NX 9500.