

RUCKUS Network Audit Service for MDUs

Optimize Your MDU Network Performance for Seamless Connectivity and Operational Excellence

BENEFITS

- **Resident-Centric Experience:** Enhance connectivity in every corner of your property for uninterrupted streaming, gaming, and smart home device integration.
- **Operational Efficiency:** Simplify management of IoT solutions and reduce downtime with optimized configurations.
- **Future-Ready Design:** Prepare for next-gen technology with an infrastructure that supports scalability and long-term growth.
- **Risk Minimization:** Proactively address vulnerabilities to support a reliable and secure network.

ELEVATE YOUR MDU NETWORK WITH RUCKUS

MDU property owners face the challenge of delivering seamless, high-performance connectivity to residents while enabling efficient operations and future-ready infrastructure. For property owners without a dedicated IT staff, managing network performance and identifying potential issues can be complex and overwhelming.

The RUCKUS Network Audit Service removes the guesswork by providing a comprehensive, expert-driven evaluation of your network. Our team dives deep into your current infrastructure, identifying problem areas and delivering actionable recommendations tailored to the unique needs of multi-dwelling properties.

How We Add Value to Your MDU Network

- 1. Uncover Hidden Issues:** Our detailed audit identifies critical pain points, such as dead zones in Wi-Fi® coverage, misconfigured devices, or inefficiencies in your wired LAN setup.
- 2. Actionable Insights:** Each issue is paired with a clear explanation and practical resolution steps, enabling property owners to make informed decisions, even without a technical background.
- 3. Proactive Problem Solving:** By addressing vulnerabilities before they escalate, we help you avoid costly service interruptions, frustrated residents, and expensive emergency repairs.
- 4. Enhanced Resident Satisfaction:** With optimized network performance, residents enjoy seamless connectivity for streaming, gaming, work-from-home needs, and IoT devices, boosting tenant retention and property value.
- 5. Operational Excellence:** Beyond connectivity, our recommendations streamline the integration of IoT systems like HVAC, security cameras, and lighting, enabling easier management and lower operational costs.

Designed for MDU Property Owners

We understand that MDU property owners may not have extensive IT expertise or resources. That's why our service delivers:

- **Clear Explanations:** All findings and recommendations are presented in easy-to-understand language, equipping you to act confidently.
- **Guided Implementation:** Our experts provide hands-on support during the audit and beyond, working with your team to execute recommendations and verify improvements.
- **Customized Solutions:** Every property is different, and our services are tailored to your unique environment—whether you manage a high-rise apartment complex, student housing, or senior living facility.

By partnering with RUCKUS, you gain more than a network audit; you gain a trusted advisor who helps you transform your network into a strategic asset. Let us help you elevate resident satisfaction, reduce operational headaches, and future-proof your investment.

What's Included in the Service?

- **Discovery & Documentation:**
 - Comprehensive inventory of network devices and infrastructure.
 - Heatmaps, diagrams, and detailed technical reports to clearly illustrate your current setup.
- **Performance Evaluation:**
 - In-depth analysis of Wi-Fi coverage, AP placement, and LAN connectivity to pinpoint inefficiencies.
 - Review of controller and AP configurations to identify optimal settings and alignment with Key Performance Indicators (KPIs).
 - Comparison of network performance against expected benchmarks to highlight gaps.
- **Wi-Fi and LAN Optimization:**
 - Evaluation of AP mounting methods, tilt/azimuth, and configuration for improved wireless coverage in high-density areas like lobbies, pools, and outdoor spaces.
 - Review of wired LAN details, including connectivity paths, error rates, and stacking configurations to improve reliability and redundancy.
 - Recommendations to enhance communications reliability for IoT and smart property devices (e.g., HVAC, lighting, and security systems).
- **Actionable Reporting & Recommendations:**
 - A detailed audit report that identifies problem areas and provides tailored solutions for immediate and long-term improvements.
 - Clear steps to prepare for next-generation technologies and enhance future scalability.
- **Security & Risk Mitigation:**
 - Review of security and authentication measures related to RUCKUS devices to protect your property and residents.
 - Proactive risk identification and mitigation to minimize vulnerabilities and reduce downtime.

By combining deep industry expertise with field-proven methodologies, RUCKUS delivers a network audit designed to elevate resident satisfaction, simplify operations, and future-proof your MDU property.

MAXIMIZING INVESTMENTS

RUCKUS Network Audit Services can be fully customized to meet the unique needs of your MDU property. Our offerings include comprehensive survey, design, and architecture services for Wi-Fi, ICX® LAN, and IoT solutions. We also provide seamless integration with the RUCKUS One®, RUCKUS Edge™, and Cloudpath® platforms to optimize performance and future-proof your network. This flexibility enhances your infrastructure design to deliver exceptional connectivity, security, and scalability.

To help optimize technology investments, RUCKUS and its partners offer complete solutions that include education, support, and services. For more information, contact a RUCKUS sales partner or visit <http://www.ruckusnetworks.com>

To engage RUCKUS® Professional Services for Audit Services, or for more information about other Professional Services, contact your RUCKUS Account Manager, Systems Engineer, or email us directly: ruckusproservices@commscope.com

A quote for this service will be available after a virtual conference call is held to clarify the scope of work.

Disclaimer: The RUCKUS Network Audit Service is typically limited to the evaluation, optimization, and support of RUCKUS-branded equipment, including Wi-Fi access points, ICX switches, controllers, and related software. Non-RUCKUS equipment is not covered under this service unless expressly called out in the scope of work.

www.ruckusnetworks.com

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

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