

RUCKUS Network Audit – Wi-Fi, CBRS/OnGo, ICX LAN

RUCKUS Professional Services

BENEFITS

Improve Design & Deployment Efficiency

- Provides customers with an understanding of how well their current network is delivering on expectations.
- Grants insight into the performance of the network, for use as a comparison to Key Performance Indicators.
- Presents a baseline of the health of the deployed network infrastructure devices, code, and other applicable components.
- Contributes detailed recommendations for optimization, and for resolution of identified problem areas.
- Leverages RUCKUS' in-depth expertise to help organizations operate efficient high-performance networks.

PRACTICAL USES OF THIS SERVICE

- Useful for providing a baseline of understanding for new network managers/engineers, reducing turn-over fatigue and accelerating productivity.
- Helps customers understand the current state of their environment.
- Helps customers to plan for upgrades, design modifications, protocol/feature roll-out, etc.
- Configuration verification to ensure deployments are appropriately commissioned and operating properly.

MINIMIZES RISK & DOWNTIME

RUCKUS has developed best-practices with risk management in mind. Thus, recommendations by RUCKUS mitigate risk and align with practices focused on stability and optimal performance.

Today's venues and organizations have growing demands on their network infrastructures that require higher levels of performance, availability, and mobility. For higher efficiency and lower costs, these groups need networks that optimally use their resources and assets. As the industry leader in large venue and high-density Wi-Fi, and as one of the industry leaders in L2/L3 switching, RUCKUS is uniquely positioned to help organizations evaluate and optimize their infrastructure to meet their performance and stability requirements.

Field-Proven Best Practice Analysis & Recommendations

The RUCKUS Audit Service is based on field-proven best practices and industry-recognized networking principles. An audit helps organizations gain a comprehensive understanding of their current environment, how well it is performing compared to expectations, what needs to be corrected, and how the deployment can be optimized. The Audit Service is designed to be non-disruptive and to protect the integrity and confidentiality of organizational data. A RUCKUS expert will perform the audit activities, and deliver the Audit Report after completion of the evaluation:

Wi-Fi/OnGo Environments

- AP configuration, performance and code review
- Controller configuration, performance and code review
- Network design and KPI goals review
- Protocol and feature usage review

ICX LAN Environments

- Switch configuration, performance and code review
- Management configuration
- Network design and KPI goals review
- Protocol and feature usage review
- Redundancy and resiliency review

Creation and delivery of the detailed Audit Report will follow the data collection and evaluation phases.

The RUCKUS Network Audit Service is fully customizable to the needs of the customer. Listed below are some options available as part of this Service:

- Discovery and documentation of current network devices
- Onsite RF survey and spectrum analysis of the existing wireless infrastructure thereby establishing a baseline for the current environment
- Evaluation of existing solution design and controller configuration
- Evaluation of Wi-Fi coverage details, AP mounting methods, tilt/ azimuth, configuration and code
- Evaluation of Wired LAN details, connectivity/paths, error rates, installation methods, stacking, configuration and code
- Evaluation of protocols used, and feature sets deployed. Recommendations for use and optimization.
- Evaluation of security and authentication as related to the RUCKUS devices
- Performance study, comparing actuals to expected KPIs
- Documentation of all significant observations, with heat map(s), relevant sketches/pictures, technical details of the environment, and recommendations for optimizing the current hardware, software, and design
- Documentation of the current state of the infrastructure, to include multiple medium as needed to explain the as-running environment
- Document readiness and steps for next-generation design and deployment

MAXIMIZING INVESTMENTS

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.commscope.com>

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



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