**RUCKUS**
COMMSCOPE
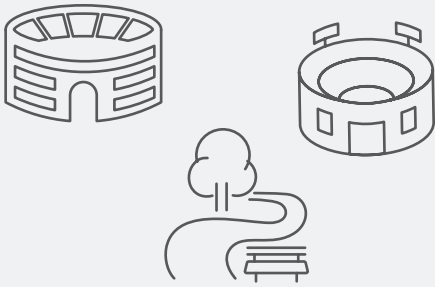
# RUCKUS® Large Public Venue Services
## (Wi-Fi® & ICX®/LAN)

Offered by RUCKUS Professional Services



## BENEFITS

**Realize Operational Efficiency**

- Leverages RUCKUS' in-depth Large Public Venue expertise to help organizations realize the performance they desire

- Utilizes engineers with exceptional levels of RUCKUS product knowledge and real-world experience in the design and deployment of high-performance, high-capacity Wi-Fi network solutions

- Applies the best practices for surveying and designing new solutions, and deployment and testing standards to enable ultimate performance

- Makes use of a consistent and verified Service delivery model

- Enables on-time delivery of fully managed projects, utilizing RUCKUS experts with the right skills and experience to deliver properly commissioned solutions

- Facilitates the transformation to a dynamic, next-generation Wi-Fi network infrastructure to meet current and future business requirements

**Minimize Risk & Downtime**

- RUCKUS has developed best-practice methods for activities that have inherent risk to help reduce risk to avoid hindering projects

## JUSTIFYING THE NEED FOR EXPERT SERVICES IN LARGE PUBLIC VENUE (LPV) AND OTHER HIGH-DENSITY ENVIRONMENTS

As more devices are used in large public venues, their demand for capacity and performance increases along with the stress on the network. In the case of extremely dense venues, such as stadiums, arenas, and exhibition halls, the stresses caused on the network require specific design considerations and methods to achieve the performance demands.

## FIELD-PROVEN BEST PRACTICE SERVICES BY RUCKUS EXPERTS

RUCKUS Professional Services has specialized expertise focusing on the design and deployment of high-density environments. The methodologies developed and used are top-class and have a well-documented legacy.

## LPV SERVICES – FOR WI-FI & ICX/LAN

**Comprehensive Site survey**
- Perform on-site survey and electromagnetic (EM) survey
- Complete wireless propagation testing
- Execute a network audit

**Detailed Network Design Development**
- Utilize 3D RF Simulation – Heat map with coverage areas
- Prepare an ICX Core-through-Edge low-level IP network design
- Develop network controller and AP design/configuration settings
- Produce network production Build documents

**Pre-Installation Staging and Configuration**
- Conduct a design review with integrator and customer
- Explain product, design, and methodology orientation for installers
- Provide code recommendations
- Configure RUCKUS network elements per design

**Post-Install Design Validation & Service Testing**

• Establish a test plan for key performance indicator (KPI) validation

• Perform onsite test execution and reporting

**Post-deployment Onsite Live Event Testing & Optimization**

• Develop a test plan for the live event

• Implement test tools and systems for live and remote data collection/examination

• Complete testing, analysis, optimization, and reporting

• Produce as-built documentation

# 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.

For more information about RUCKUS Professional Services, contact your RUCKUS Account Manager or 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

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