Delivering IoT Services

Offered by RUCKUS Professional Services

BENEFITS

Recognize Business Outcomes with RUCKUS IoT

- RUCKUS IoT and network infrastructure products consolidate IoT access networks allowing for a single management pane of glass

- RUCKUS Professional Services commissions the virtual RUCKUS IoT system enabling organizations to quickly manage and benefit from the sensor functionality

- Orchestration of the sensed events and desired resulting actions is the missing element in most IoT deployments. This is where RUCKUS PS Engineering's in-depth networking and orchestration expertise steps in to glue the pieces together, creating the best solution for your environment

Improve Design & Deployment Efficiency

- Collaborate with engineers in possession of substantial real-world experience relating to the design and deployment of unique or complex, high availability RF networks

- Apply both creative and best practices to the survey and design of unique network solutions

- Engage deployment and testing standards to ensure optimized performance

- Make use of a consistent and well-tested solution delivery program

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

- Facilitate the transformation to a dynamic, next-generation RF network infrastructure to meet current and future business requirements

- Accelerate deployment of network-based applications and technologies to increase productivity

- Benefit from a single vendor for best in class Wi-Fi, IoT, & LAN

ORCHESTRATING MANAGEMENT, NOTIFICATIONS, REACTIONS AND DOCUMENTATION OF IOT EVENTS

Today's organizations have increased demands on their network infrastructures, requiring higher levels of performance, availability, and scalability to take advantage of new technologies. IoT, or "Internet of Things" is adding to this complexity. RUCKUS IoT and network infrastructure products consolidate IoT access networks allowing for a single, converged network solution. This consolidated and standards-based infrastructure enables organizations to more quickly realize the benefits promised by IoT use cases.

RUCKUS IoT Suite Advanced Implementation Service – 905-PRO1-VRIOT-ADV

- Installation and initial configuration of the RUCKUS vRIoT system software
- Provision AP detail from documentation collected during project intake
- Includes AP onboarding and configuration of IoT settings for up to 25 RUCKUS Access Points

AP Onboarding – In Addition to the Advanced Implementation Service – 905-PRO1-VRIOT-ADD

- Onboarding is a per-AP activity and requires one (1) SKU instance per AP in addition to the 25 included in the 905-PRO1-VRIOT-ADV service
- Import of customer floor/site diagrams into the virtual RUCKUS IoT system (vRIoT)
- Onboarding of supported and in-scope APs

Minimize Risk & Downtime

- RUCKUS PS has developed best-practice methods to mitigate inherent risk in solutions delivery, reducing said risk to a level where stakeholders are comfortable with cadence and progression

- RUCKUS PS provides the expertise required to enable the full suite of infrastructure technologies, ensuring seamless integration of IoT into the RF, and wired network

MAXIMIZING INVESTMENTS

To help optimize technology investments, RUCKUS and its partners offer complete solutions for enterprise and education networks, including training, support, and professional services. For more information, contact a RUCKUS sales partner or your RUCKUS Account Manager or Sales System Engineer.

For more information about RUCKUS Professional Services (RPS), contact your RUCKUS Account Manager or Sales System Engineer, or email us directly: ruckusproservices@commscope.com
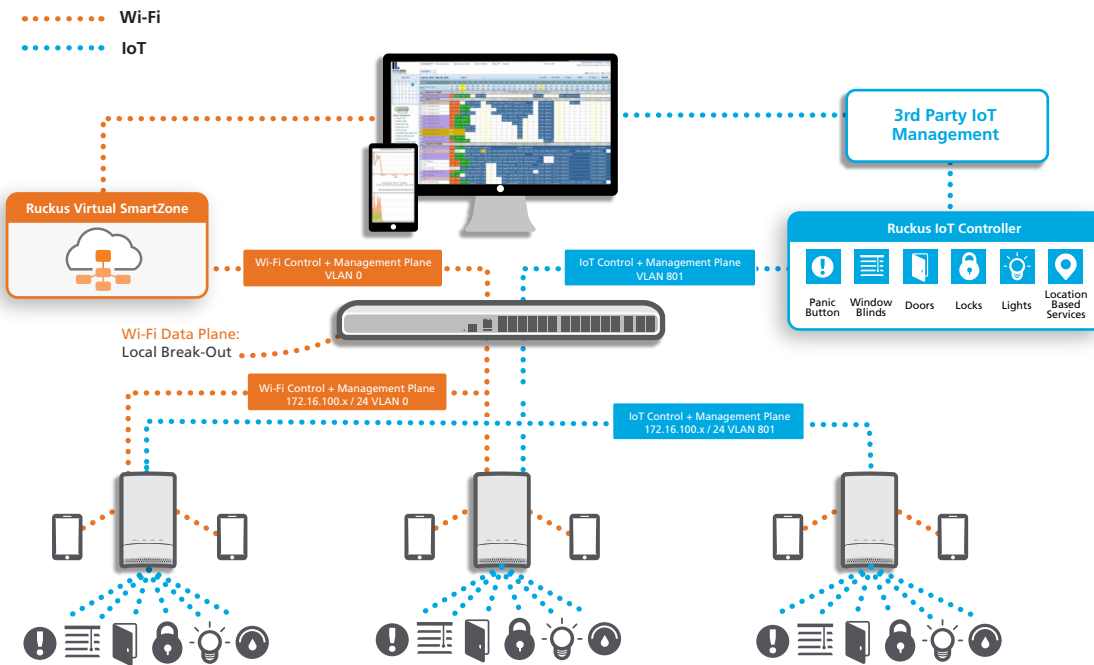
- Configure IoT sensor host proxy communication
- Configure inter-IoT device policy management
- Requires a minimum of one (1) instance of the Advance Implementation Service (905-PRO1-VRIOT-ADV)

RUCKUS IoT Customization Service – 905-PRO1-VRIOTCUST

- Large/complex multi-phased or multi-site projects
- Import the latest RUCKUS IoT Rules Engine Library
- System GUI personalization of logo/banners, floorplans
- Dashboard customization for specific operational requirements
- Extensive sensor rule and management integration
- Non-standard infrastructure/design support
- RUCKUS IoT Rules Engine Library manipulation/customization

SKU	Description
905-PRO1-VRIOT-ADV	RUCKUS Pro Services vRIoT Advanced Implementation—Remotely delivered, vRIoT Installation and initial configuration. Includes AP onboarding and configuration of IoT settings for up to 25 RUCKUS Access Points. Must use 905-PRO1-VRIOT-ADD for each AP above the initial 25 for onboarding and configuration related to the IoT controller. Does not include Insights customization.
905-PRO1-VRIOT-ADD	RUCKUS Pro Services vRIoT Standard Implementation—Multiplier for each additional (1) RUCKUS Access Point for integration in addition to the 905-PRO1-VRIOT-ADV Service.
905-PRO1-VRIOTCUST	RUCKUS Pro Services vRIoT Customization Service. Requires detailed analysis of requirements before a quote can be provided.

CONVERGED PROFESSIONAL SERVICES

Wi-Fi

IoT

3rd Party IoT Management

Ruckus Virtual SmartZone

Wi-Fi Control + Management Plane VLAN 0

IoT Control + Management Plane VLAN 801

Ruckus IoT Controller

Panic Button | Window Blinds | Doors | Locks | Lights | Location Based Services

Wi-Fi Data Plane: Local Break-Out

Wi-Fi Control + Management Plane 172.16.100.x / 24 VLAN 0

IoT Control + Management Plane 172.16.100.x / 24 VLAN 801

Designing, Building, and Deploying Best Practice IoT Networks

FIELD-PROVEN BEST PRACTICE SERVICES BY RUCKUS EXPERTS

RUCKUS Professional Services has specialized expertise focusing on the design and deployment of complex wireless environments. The methodologies developed and used are second to none and have a well-documented legacy. These Services require dialogue resulting in a custom scope of work.

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 802.11/802.3 network design as required
- Develop IoT design based on supported standards (Zigbee, BLE, iBeacon, Eddystone, Assa Abloy, Telkonet, Dormakaba, etc.)
- Develop SmartZone, vRIoT, 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
- Complete testing, analysis, optimization, and reporting
- Produce as-built documentation

NOTE: To engage RUCKUS Professional Services for IoT Services, or for more information about other Professional Services, please contact your RUCKUS Account Manager or Sales System Engineer, or email us directly: ruckusproservices@commscope.com

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