

Cisco SP Wi-Fi RF Plan and Build Service

Cisco® Service Provider (SP) Wi-Fi is a single, unified architecture for all types of Wi-Fi services and business models. Cisco SP Wi-Fi increases revenue opportunities and reduces total cost of ownership.



Cisco SP Wi-Fi Services Overview

Carrier-grade Wi-Fi has become a central element in strategies for ubiquitous capacity and coverage across networks for both fixed and mobile operators. Cisco Service Provider (SP) Wi-Fi is an end-to-end 802.11n architecture, utilizing Cisco products and services designed to help you offer carrier-grade Wi-Fi services to complement existing wired and wireless broadband networks. Cisco Services increase efficiency and reduces the costs and risks associated with new technology adoption and scaling of your wireless network capabilities.

Cisco SP Wi-Fi Radio Frequency (RF) Plan and Build Service

Professional services from Cisco and Cisco's Wi-Fi specialized partners are available to help you plan and deploy the RF components of the Cisco SP Wi-Fi solution. The Cisco SP Wi-Fi RF Plan and Build Service analyzes your architectural readiness, provides guidance for selecting and prioritizing locations for Wi-Fi, and offers RF expertise so you can obtain the most from your wireless access points. Coverage and capacity are balanced with your business goals and objectives. Post-deployment RF analysis helps to ensure deployment success.

Planning and deploying the end-to-end RF architecture is based on proven methodologies and years of experience designing and implementing some of the world's most complex service provider wireless networks. Our specialists help you scale to meet the demands of an ever-growing mobile subscriber base.

Once the solution is designed and implemented, and you complete acceptance, Cisco will hand over all responsibilities to you for ongoing operations while continuing to provide support (see Table 1). In addition, please note that the Cisco SP Wi-Fi Solution Support, Optimize, Assurance, and Operate Services are also available.

Table 1. Cisco SP Wi-Fi RF Plan and Build Activities, Deliverables, and Benefits

Activities and Deliverables	Benefits: Helps You To...
RF Readiness Workshop: Review your requirements for deploying wireless access points and help you determine the business cases and success factors.	Identify opportunities to improve your ability to deploy and manage a Cisco SP Wi-Fi solution, understanding the infrastructure, processes, and tools.
Site Selection Development: Provide guidance to define and recommend locations for enabling Wi-Fi coverage, including recommendations for acquiring the deployment rights for sites you don't own or operate.	Classify a prioritized list of geographic regions where Wi-Fi would benefit subscribers.
RF Design Development: Review and analyze your Wi-Fi design priorities and goals, and conduct site surveys.	Optimize your RF coverage to maximize performance, reliability, and functionality.

Activities and Deliverables	Benefits: Helps You To...
RF Deployment: Configure and deploy the RF portions of the network.	Efficiently activate and provision a large-scale wireless access point deployment.
RF Post-Deployment Assessment: Validate that the newly deployed RF design meets overall design goals and requirements for RF performance.	Help ensure that the wireless access points are delivering the intended signal coverage and throughput.
Project Management Plan: Identify and document dependencies, risks, and issues associated with the successful completion of the project.	Reduce operational complexity and mitigate risk.

Why Cisco SP Wi-Fi Services?

Cisco is a worldwide technology leader with extensive experience working with major service providers around the world. Cisco's comprehensive portfolio of services and proven methodologies is well tested and easily deployable with little integration effort, providing better visibility into the network while simplifying operations.

Cisco provides access to experienced and well-trained Cisco experts, certified on service provider networks, technologies, and network management needed to support, assist, and resolve network issues. Backed by service-level agreements, Cisco works together with you to lower risk.

Availability

The Cisco SP Wi-Fi RF Plan and Build Service is available globally. Service delivery details may vary by region.

For More Information

For more information about the Cisco SP Wi-Fi Services contact your local Cisco account manager.



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