

Cisco SP Wi-Fi Proof of Concept 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

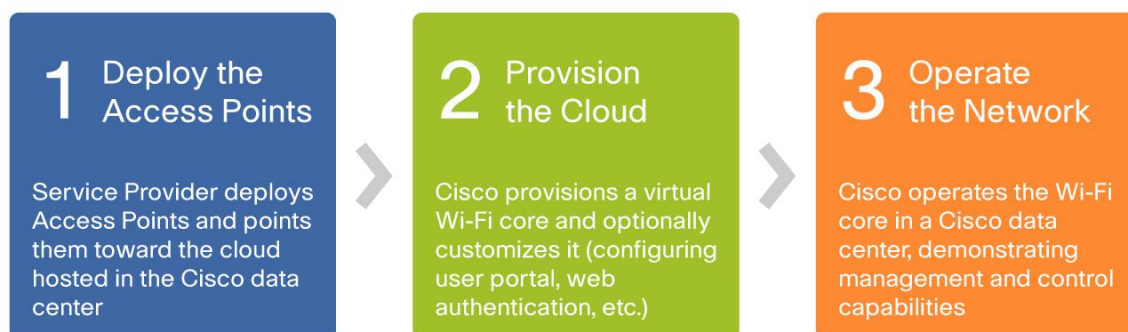
Carrier-grade Wi-Fi has become a central element in strategies for ubiquitous capacity and coverage across networks for both fixed and mobile operators. Cisco Service Provider (SP) Wi-Fi is an end-to-end 802.11n architecture, utilizing Cisco products and services designed to help you offer carrier-grade 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 Proof of Concept Service

The Cisco SP Wi-Fi Proof of Concept Service uses a cloud-based architecture hosted in a Cisco data center utilizing Cisco Intelligent

Service Gateways (ISGs), Cisco Access Registrar, Cisco Network Registrar, Cisco Wireless LAN Controllers (WLCs), and a mobile subscriber policy enforcement system (see Figure 1).

Figure 1. Cisco SP Wi-Fi Proof of Concept Service



Cisco wireless specialists demonstrate how the centralized management system provides high operational efficiency and productivity, lowering the total cost of ownership. This is accomplished using a zero-touch service fulfillment for rapid deployments of meshed access points, a carrier-grade backend control-plane data system, and an optimized virtualization platform capable of customization for your branding. The comprehensive authentication, authorization, and accounting (AAA) framework offers transparent recurrent authentications, seamlessly optimizing 3G/4G offload so that it is as transparent as possible.

This suite of applications creates an unparalleled end-user experience, resulting in higher customer satisfaction and retention of mobile subscribers.

The Cisco SP Wi-Fi Proof of Concept Service gives you an early competitive lead for taking your Cisco SP Wi-Fi solution to market, minimizing costs and mitigating risk, and freeing you to focus on core business and competencies (see Table 1).

Table 1. Cisco SP Wi-Fi Proof of Concept Service Activities, Deliverables, and Benefits

Activities and Deliverables	Benefits: Helps You To...
High Level Design: Describe how the architecture and infrastructure support new Wi-Fi services and applications.	Understand the SP Wi-Fi topology.
Operational Report: Provide Key Performance Indicators about the Wi-Fi environment's managed components.	Improve visibility and identify issues that may affect performance.

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 Proof of Concept 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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