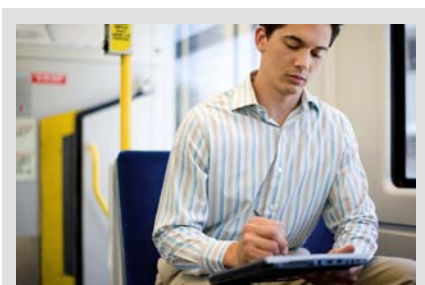


## Cisco Wireless LAN Services Overview

Enable a Secure, High-Performance, and Reliable Borderless Mobility Experience



**Deploy a secure, mobility network that enables rich media collaboration for business innovation, agility and efficiency.**

Cisco and our Wireless LAN Specialized Partners help you:

- Respond to new business challenges for wireless LAN network upgrades
- Design security into how you access business-critical applications
- Deploy rich media collaboration requiring mobile access
- Scale connectivity to diverse mobile devices
- Speed migration to next generation wireless technology
- Increase wireless LAN performance, management, and security

### Transforming the Way Business Is Done

In today’s rapidly changing business environment, organizations are looking for mobility solutions that help them connect more closely with customers, partners, and employees while maintaining a secure and manageable network infrastructure. As users become increasingly mobile and business applications become more collaborative, advanced wireless services help companies maintain innovation, agility, and differentiation.

The IT departments within these organizations are tasked with meeting increased bandwidth and performance demands, managing a proliferation of new mobile devices, while guaranteeing network access, availability, and regulatory compliance. In many cases IT is asked to take a strategic role, moving beyond basic wireless networking into the next generation of business mobility, collaboration, and productivity, to transform the way business is done.

### Plan, Build, Run Services for a Borderless Mobility Experience

[Cisco® Borderless Networks](#) bring routing, switching, security, and wireless technologies together to enable employees, customers, and partners to access mission-critical applications with any device from anywhere, any time – securely, reliably, transparently. Cisco mobility

solutions empower businesses to meet and exceed demands for high-bandwidth rich media collaboration while containing costs through operational efficiency.

When enabling business mobility in a converged environment, the challenge is to design, build, and operate a mobility solution aligned with your current business requirements but with the flexibility to meet changing market and organizational demands. Cisco and our partners can work with your IT staff to assist with your migration to the Cisco Unified Wireless Network, making it easier to manage a secure, high-performance, and integrated wired and wireless network that incorporates rich media and diverse mobile devices, including Wi-Fi-enabled phones and tablets.

Whether you already have a wireless network in place or are building a new wireless solution, our services can help you plan, build, and run a secure mobility network based on the Cisco Unified Wireless Network architecture, 802.11n standard, and Cisco CleanAir technology. Starting with a clear understanding of your business and technical requirements, we work with your IT staff to see that your architecture, physical sites, and operations are ready to support advanced mobility solutions while increasing operational efficiency through a converged wired and wireless network. Our design and implementation services are based on years of experience deploying some of the world’s most complex enterprise-class wireless networks. Ongoing support and optimization services resolve network-level issues quickly and improve IT efficiency, while maintaining the security, reliability, and performance of your Cisco Unified Wireless Network.

## Assessment Services

Good planning begins with a clear understanding of your current situation and your desired outcome. Assessment services facilitate this critical first step toward realizing the benefits of a next-generation Cisco Unified Wireless Network by helping you prepare for your transition to new mobility solutions that support business innovation. By working with you to align your business and technical requirements, we help evaluate your current environment, identify areas of risk and opportunities for improvement, and determine next steps for a successful migration.

### **Cisco Borderless Networks Assessment Service for Wireless LAN, Formerly Known as Network Assessment Services for WLAN**

Take a comprehensive approach to assessing the architecture, performance, and security of your wireless network. The Cisco Borderless Networks Assessment Service for Wireless LAN and Cisco Wireless LAN Performance Analysis Service are delivered by experts who draw on extensive experience in wireless network architecture design and radio frequency (RF) engineering to help you prepare for business-critical mobility that relies on a high-performance wireless network and can support a range of Wi-Fi devices, including phones and tablets. These experts analyze how your network compares with Cisco leading practices and provide actionable recommendations to help improve wireless network throughput, reliability, and security.

### **Cisco Borderless Networks Assessment Service for Mobility, Formerly Known as Cisco Wireless LAN Mobility Services Readiness Assessment Service**

Evaluate the readiness of your wireless LAN to support mobility applications that increase productivity, responsiveness, and collaboration. This service helps you understand your current wireless LAN infrastructure, identify gaps, help ensure proper configuration, and address critical concerns such as scalability and performance. The assessment can help you identify requirements for any of the following Cisco mobility solutions: Cisco Video over Wireless LAN, Cisco Wireless LAN ContextAware, Cisco Voice over Wireless LAN, Cisco Adaptive Wireless Intrusion Prevention Systems, and Cisco Unified Communications over Wireless LAN.

### **Cisco Borderless Networks Assessment Service for Unified Wireless, Formerly Known as Cisco Unified Wireless Network Readiness Assessment Service**

Gain a clear view of your current business and technical requirements to adopt the Cisco Unified Wireless Network, the 802.11n standard, and CleanAir technology. Determine the readiness of your current network architecture, physical sites, and management operations. Through a series of assessments and reviews, wireless experts evaluate your wired and wireless network's security, performance, and ability to scale and make recommendations to prepare you for migration to next-generation wireless technology including wireless LAN security, wireless LAN controllers, wireless LAN network management, Cisco Wireless Control System, Cisco Mobility Services Engine, the 802.11x standards, Cisco CleanAir, and Cisco access points

## Planning and Design Services

Plan and design services guide the successful integration of wireless technology, mobile devices and applications, delivered on a converged wired and wireless network based on the Cisco Unified Wireless Network and 802.11n and CleanAir capabilities. Through in-depth planning, design and implementation backed by deep network expertise and close alignment with your business objectives, these services help you to meet mobility demands for a secure collaborative workplace, increase productivity, and scale as your business evolves.

### **Cisco Borderless Networks Plan and Build Services for Wireless LAN, Formerly Known as Cisco Wireless LAN Planning and Design Service**

This service helps you deploy a highly available integrated network that enables secure mobility services, provides high-performance rich media collaboration, and improves overall operating efficiency through tight integration of wired and wireless networks. Cisco planning and design services facilitate a smooth transition to next-generation wireless network capabilities by taking an architectural approach based on proven methodologies for deploying end-to-end mobility solutions. Aligned with your current business requirements, the resulting customized implementation will help you meet ever-changing market demands.

The Cisco Borderless Networks Plan and Build Services for Wireless LAN is designed to help you incorporate a variety of productivity-enhancing mobility services and applications allowing for smooth solution integration while avoiding costly delays during implementation

- **Voice and Video:** Create the dependability, performance, and security needed for sensitive Wi-Fi voice and video applications with a wireless LAN network design that meets high user expectations and quality of service requirements.
- **Guest Access:** Allow your guests, vendors, and partners to access the Internet while keeping your internal network secure and easy to manage with expert help deploying a solution that works transparently within your network infrastructure.
- **Outdoor Wireless:** Deploy a secure and cost-effective outdoor wireless solution with a design that transparently integrates voice, data and video applications with your existing network infrastructure and simplifies network management.
- **Context-Aware:** Increase the accuracy, speed, and efficiency of your context-aware solution to locate users and track critical business assets on the network.
- **Adaptive Wireless Intrusion Prevention Systems:** Protect your network from wireless threats, including denial-of-service attacks, rogue detection, and reconnaissance attacks, with a solution custom designed to optimize RF coverage and performance.

### Optimization Services

Optimization services increase employee productivity while reducing operational expenses and keeping business-critical applications secure, available, and operational by providing ongoing assessments, recommendations, and knowledge transfer.

#### **Cisco Borderless Networks Optimization Service for Wireless LAN, Formerly Known as Cisco Wireless LAN Optimization Service**

Evolve your wireless solutions to support business growth, deliver next-generation services, and maintain a competitive advantage with the Wireless LAN Optimization service. This proactive service provides ongoing optimization of the performance, security, and configuration of your wireless network through continuous evaluation and improvement. With the help of expert planning, specialized tools, quarterly site visits, and continuous guidance for your staff, this service can help strengthen your wireless infrastructure, quickly absorb technology upgrades, and reduce costs through improved IT efficiency.

Using industry-leading tools and best practice methodologies, Cisco consulting engineers help you support changes, mitigating implementation risk by making sure the design enables your network to scale support for additional mobility applications, diverse mobile devices, and an increasing number of users. Through periodic assessments, design reviews, and software evaluations, we work with you to tune the wireless network for high performance, availability, and security through proactive recommendations, escalation support, and continuous learning.

### Wireless LAN Service Benefits

Deploy a sound, scalable mobility network that enables rich media collaboration while improving the operational efficiency gained from a converged wired and wireless network infrastructure based on the Cisco Unified Wireless Network. Together with partners, we offer expert plan, build, and run services to accelerate your transition to advanced mobility services while continuously optimizing the performance, reliability, and security of that architecture after it is deployed.

These services help you to:

- **Improve the reliability, security, and resiliency** of your wireless network with assessments that identify architectural gaps and deviations from best practices.
- **Improve the speed and efficiency of migration and reduce deployment costs** by identifying and planning in advance for necessary infrastructure changes.
- **Provide secure mobile access to mission-critical business applications** with an end-to-end wireless design that delivers high throughput and reliability.
- **Securely deploy collaboration tools** with expert guidance on how best to support rich media applications that require a transparent wired and wireless experience.
- **Reduce costs through improved IT efficiency** with an architectural approach that provides simplified wired and wireless operations and management.
- **Sustain and enhance your wireless network performance** with optimization services that provide ongoing operational insight, evaluation, and improvement.

### Why Cisco Services

Realize the full business value of your technology investments faster with intelligent, customized services from Cisco and our partners. Backed by deep networking expertise and a broad ecosystem of partners, Cisco Services enable you to successfully plan, build, and run your network as a powerful business platform. Whether you are looking to quickly seize new opportunities to meet rising customer expectations, improve operational efficiency to lower costs, mitigate risk, or accelerate growth, we have a service that can help you.

### For More Information

For more information about Cisco Wireless LAN Services, visit [www.cisco.com/go/wirelesslanservices](http://www.cisco.com/go/wirelesslanservices) or contact your local account representative.

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