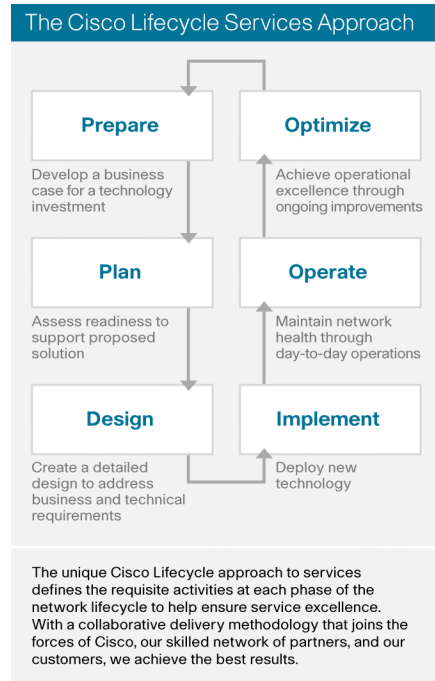


Cisco Unified Wireless Network Migration Service

Reduce the complexity of migrating to next generation wireless while increasing performance and maximizing scalability for consistent mobility experience in the most demanding environments.



Challenge

Cisco next-generation wireless solutions are improving the performance, reliability, and predictability of the wireless network to approach that of the wired network. Cisco is helping businesses take advantage of the benefits of pervasive wireless through the Cisco Unified Wireless Network, a flexible architecture designed to meet the exacting requirements of a demanding business environment.

The Cisco Unified Wireless Network solution offers a holistic approach to business mobility that combines applications, devices, and the network as the platform, creating a practical way to manage complex mobility networks. This solution is designed for environments where mobile connectivity is required to enable the business.

Whether migrating your Cisco autonomous Cisco IOS® Software-based access points (APs) to a controller

based network, or migrating to a next generation controller, detailed planning and solid understanding of your infrastructure and technology requirements can decrease deployment risks. Expert guidance integrating the solution transparently with your wired network can help you realize success in securing the network and preparing your operational environment to optimize the performance of mobility services.

Solution

Cisco and our Wireless LAN Specialized Partners offer a broad portfolio of end-to-end services that help you take full advantage of the scalability, flexibility, and reliability of higher-speed WLAN technologies, by migrating from a Cisco IOS Software-based wireless network to the Cisco Unified Wireless Network. These services are based on proven methodologies for planning and deploying a variety of secure voice and data wireless network solutions, technologies, and strategies. This knowledge has been gained through years of experience designing and deploying some of the world's most complex enterprise-level wireless networks. Cisco Wireless LAN Specialized Partners bring application expertise to help deliver a secure enterprise mobility solution with a low total cost of ownership.

Advanced security and intrusion detection are integral to the Cisco Unified Wireless Network. Our services help you implement devices and strategies effectively to keep data private and secure.

Careful planning and a well-thought-out design are essential to a successful migration. Most changes to the network are a response to a change in business. When you already have a Cisco IOS Software-based wireless network in place, you are starting with a sound, scalable network design. Regardless, you need to make sure you have a clear view of your current business and technical requirements and then confirm that your architecture, physical sites, and operations are ready to support migration to a Cisco Unified Wireless Network and a next generation controller solution.

The Cisco Unified Wireless Network Migration Service helps you successfully migrate from your Cisco autonomous Cisco IOS Software-based wireless LAN to a high-performing Cisco Unified Wireless Network solution by helping you align business objectives and technical capabilities, identify gaps, and address critical concerns such as scalability and performance. This service includes six activities to help you successfully deploy your Cisco Unified Wireless solution:

- Business and technical requirements development
- Network architecture review
- Site readiness assessment
- Operational readiness assessment
- Onsite pilot validation
- Migration plan review

Business and Technical Requirements Development

An excellent first step when migrating to Cisco Unified Wireless Network or next generation controller is documenting the business requirements that are introducing the need for change and aligning technical requirements to them. Cisco engineers can help you quickly and accurately identify the business objectives that have bearing on the requirements for your Cisco Unified Wireless Network and then translate them into technical requirements.

Network Architecture Review

Identifying gaps in your existing Cisco Unified Wireless Network high-level design (HLD) and low-level design (LLD) architecture early in the migration planning process can prevent common challenges such as wireless security gaps and other performance issues. While a Cisco Unified Wireless Network HLD and LLD are expected to preexist to this service, Cisco engineers work with your networking staff to assess your existing architecture in detail to gauge its ability to support your Cisco Unified Wireless Network solution.

Site Readiness Assessment

Assessing the readiness of your current autonomous Cisco IOS Software access point deployment, or Unified Wireless Network is a critical step toward reducing deployment costs and delays. We use assessments, customized access point staging templates and scripts, and best-practice checklists to help you define a simplified migration process plan to help you prepare your site for migration implementation.

Operational Readiness Assessment

To best realize the benefits of your Cisco Unified Wireless Network solution and reduce network operations costs, your operations staff must be ready and able to effectively support and maintain the solution. Operational readiness assessment helps you gauge the current state of the people, processes, and tools in your support infrastructure relative to proven best-practice benchmarks. A

remediation plan provides recommendations for improving your operations staff's productivity and ability to support your solution.

Onsite Pilot Validation

Testing your migration procedure prior to implementation can be the difference between an efficient, successful migration and costly project delays. With an onsite or lab-based pilot of your migration you can identify gaps or challenges early and avoid problems when migrating to a centralized, controller-based solution to your production environment. Cisco can lead you through the process, helping you to:

- Configure a wireless LAN controller for the pilot or lab environment
- Migrate up to 10 legacy access points from a Cisco autonomous Cisco IOS Software-based wireless LAN to a Cisco Unified Wireless Network or next-generation controller
- Validate the wireless LAN controller configuration, management, and the new access point operating system image
- Test and validate wireless client access and security configurations
- Validate the performance of two or three critical applications

Migration Plan Review

Having a sound migration plan is critical to a smooth, fast, and efficient implementation of a next-generation wireless solution. We can compare your migration project plan against proven Cisco and industry methodologies for deploying wireless LAN solutions and make recommendations for improving the plan's alignment with leading practices.

When all access points in your production environment have been smoothly migrated to a controller based infrastructure and wireless network service continuity is preserved to the fullest extent possible, the migration can be viewed as a success. Whether a migration of your architecture from a Cisco IOS Software-based solution to a Cisco controller-based solution, or your migration to a next-generation controller, Cisco engineers or a Cisco Wireless LAN Specialized Partner can work with your networking team to provide support during critical implementation activities including:

- Migration of your production access points to a controller-based infrastructure
- Migration of your legacy access points to 802.11n
- Implementation of the Cisco WLAN Controller or migration to a next-generation controller
- Implementation of a Cisco Wireless Control System

We help you to quickly and effectively deal with any challenges that may arise, shortening migration time and providing a smooth introduction of your Cisco Unified Wireless solution.

Benefits

The Cisco Unified Wireless Network Migration Service helps reduce the complexity of migrating from an autonomous Cisco wireless LAN to a Cisco Unified Wireless Network or migrating to a next generation controller by providing Cisco experience, knowledge, tools, and leading practices during the most critical stages of the migration.

In addition, this service helps you to:

- Streamline the evolution of your network to the Cisco Unified Wireless Network model to respond to the changing business environment by developing business and technical requirements

- Prevent common challenges such as wireless security gaps and other performance issues by identifying gaps in your existing network architecture early in the migration planning process
- Reduce deployment costs and delays by assessing the readiness of your current access point deployment configuration to effectively prepare it for migration
- Reduce network operations costs and improve your operations staff's productivity by assessing the current state of the people, processes, and tools in your support infrastructure relative to proven practices
- Improve the speed and efficiency of migration by aligning your migration project plan with proven methodologies for deploying wireless LAN solutions
- Improve operational efficiency by working with your network operations staff to address gaps in your wireless LAN operational support models through ongoing knowledge transfer throughout service delivery

Why Cisco Services

Cisco Services make networks, applications, and the people who use them work better together.

Today, the network is a strategic platform in a world that demands better integration between people, information, and ideas. The network works better when services, together with products, create solutions aligned with business needs and opportunities.

The unique Cisco Lifecycle approach to services defines the requisite activities at each phase of the network lifecycle to help ensure service excellence. With a collaborative delivery methodology that joins the forces of Cisco, our skilled network of partners, and our customers, we achieve the best results.

For More Information

For more information about Cisco Wireless LAN Services, including the Cisco Unified Wireless Network migration service, visit www.cisco.com/go/wirelesslanservices or contact your local account representative.

Cisco Services.
Making Networks Work.
Better Together.



Americas Headquarters
 Cisco Systems, Inc.
 San Jose, CA

Asia Pacific Headquarters
 Cisco Systems (USA) Pte. Ltd.
 Singapore

Europe Headquarters
 Cisco Systems International BV
 Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

CCDE, CCENT, Cisco Eos, Cisco Lumin, Cisco Nexus, Cisco StadiumVision, Cisco TelePresence, Cisco WebEx, the Cisco logo, DCE, and Welcome to the Human Network are trademarks; Changing the Way We Work, Live, Play, and Learn and Cisco Store are service marks; and Access Registrar, Aironet, AsyncOS, Bringing the Meeting To You, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, CCVP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Collaboration Without Limitation, EtherFast, EtherSwitch, Event Center, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, iQuick Study, IronPort, the IronPort logo, LightStream, Linksys, MediaTone, MeetingPlace, MeetingPlace Chime Sound, MGX, Networkers, Networking Academy, Network Registrar, PCNow, PIX, PowerPanels, ProConnect, ScriptShare, SenderBase, SMARTnet, Spectrum Expert, StackWise, The Fastest Way to Increase Your Internet Quotient, TransPath, WebEx, and the WebEx logo are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0809R)