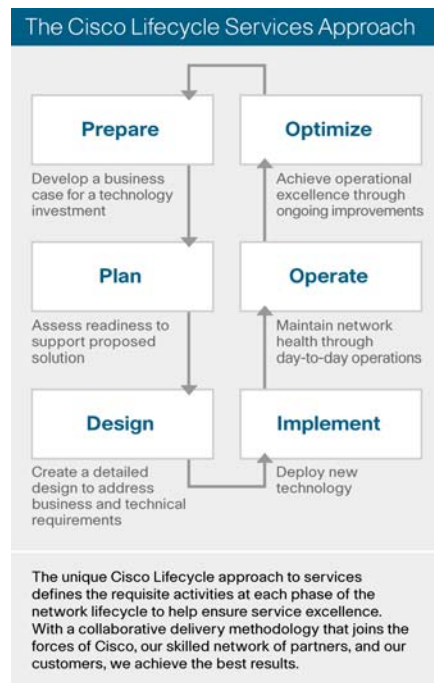


Cisco Mobility Services Around Cisco Motion

Increase Accuracy, Speed, and Efficiency When Integrating Mobility Services



Challenge

Cisco® Motion is Cisco’s innovative vision for business mobility that delivers practical solutions to integrate mobile devices, applications, security, and disparate networks into a unified platform.

By making it easier to implement and manage all aspects of the network that support mobility, the Cisco Unified Wireless Network architecture that enables the Cisco Motion vision helps IT professionals meet and exceed business demands for anywhere, anytime, secure connectivity.

By delivering a holistic approach to business mobility, Cisco Motion helps customers:

- Converge disparate networks
- Manage the increasing quantity and diversity of mobile devices
- Deliver device-to-network-to-application integration and security
- Create an open platform for the development of mobility applications

Wireless technology and network applications such as unified communications must be fully integrated into the organization’s IT infrastructure. When enabling business mobility in a converged environment, the challenge is to design, build, and operate a mobility solution in alignment with your business requirements that can scale to meet ever-changing demands.

Solution

The Cisco Motion vision empowers businesses to meet and exceed mobility demands to move beyond basic wireless networking into the next generation of business mobility, transforming the way business is done by fostering broader collaboration and new levels of productivity. This is done by enabling wireless networks to support a variety of new mobility applications that extend across multiple networks and scale according to business and technical requirements.

The cornerstone of the Cisco Motion vision is the Cisco 3300 Series Mobility Services Engine (MSE). This appliance-based platform offers an open application programming interface (API) for consolidating and supporting an array of mobility services across wireless and wired networks to provide industry-relevant mobility solutions with complementary services such as context-aware services, mobile intelligent roaming, secure client management, and adaptive wireless intrusion prevention systems (IPSS).

To enable Cisco Motion, Cisco and our specialized partners offer a broad portfolio of end-to-end services based on proven WLAN, security, and unified communications service methodologies for planning, designing, implementing, operating, and optimizing the performance of a variety of business mobility network solutions and technologies. Our services help you integrate devices and applications and implement strategies effectively to secure and lower the total cost of ownership of your business mobility solutions.

Cisco Unified Wireless Network Migration Service

The Cisco Unified Wireless Network Migration Service helps you to successfully migrate from your autonomous wireless network based on Cisco IOS® Software to a Cisco Unified Wireless Network solution, the first step to enable the Cisco Motion vision. Cisco engineers have deep knowledge of wireless and mobility technologies. They use proven methodologies gained through years of experience designing and deploying some of the world's most complex enterprise-level wireless networks.

Cisco Wireless LAN Network Security Planning and Design Service

When deploying a mobility solution, the goal is to provide convenient access to business applications and data while maintaining a high level of security. The Cisco Wireless LAN Network Security Planning and Design Service delivers an integrated solution that includes wireless LAN and optional security services Cisco has identified as essential for successful deployment of a secure WLAN. These services help you establish a sound foundation for securely integrating wired and wireless networks and other WLAN solutions, including adaptive wireless intrusion prevention systems (wIPS) unified communications, mobile intelligent roaming (MIR), and context-aware and guest access.

Cisco Wireless LAN Unified Communications Services

When architecting, designing, and deploying a unified communications over WLAN (UCoWLAN) solution, it is critical to take into account business requirements, including current needs and future projections for the number of users and the applications the solution will need to support. The goal is to provide users convenient access to business applications and data while maintaining the high level of reliability to which voice users are accustomed. Cisco WLAN Services deliver an integrated solution that includes WLAN and unified communications services Cisco has identified as essential for successful deployment of a secure UCoWLAN solution.

Cisco Wireless LAN Mobile Intelligent Roaming Services

As the mobile workforce continues to expand, so do user expectations for an intelligent and consistent business experience. The Cisco Wireless LAN Mobile Intelligent Roaming application provides a transparent, enterprise-quality handoff of mobile communications, allowing you to roam transparently between cellular and Wi-Fi networks when using a dual-mode device.

Cisco Wireless LAN Mobile Intelligent Roaming Services help you effectively deliver this advanced business application, providing transparent integration with an ecosystem of service providers, device manufacturers, and third-party partners to successfully deliver a complete end-to-end roaming solution that works transparently with your wireless and wired networks.

Cisco Wireless LAN Context-Aware Services

Context-aware mobility is the ability to dynamically capture and apply contextual information to mobile assets. As the Cisco Unified Wireless Network architecture requirements evolve from a secure data-only architecture to one that incorporates mobility services, your design and implementation requirements need to evolve accordingly. For a context-aware mobility solution to do the job of rapidly and accurately locating equipment, inventory, people, and other assets, your design must take into consideration how it will work within your unified communications environment.

Cisco Wireless LAN Context-Aware Services help you determine the requirements for meeting your context-aware mobility solution coverage and performance needs and integrate the solution into your existing WLAN for secure data. Our teams of WLAN subject matter experts share their knowledge and help you successfully design and deploy context-aware solutions based on their intimate understanding of Cisco WLAN products and technologies, including the Cisco 3300 Series Mobility Services Engine.

Cisco Wireless LAN Guest Access Service

The Cisco Wireless LAN Guest Access Service delivers an integrated solution that includes the services Cisco has identified as essential for successful deployment of a secure guest access solution. Our experts apply proven methodologies, processes, and tools and will work with your team throughout the solution lifecycle, offering end-to-end services to build a new, secure guest access WLAN infrastructure or to extend an existing one. These services can also include the creation of a portal for guest user registration through the Cisco Network Admission Control (NAC) Guest Server Implementation Service.

Cisco Wireless LAN Application Services

Enabling applications to function at their peak performance and meet your business mobility needs can require custom development that utilizes the software services offered as part of the Cisco Motion vision. Cisco Wireless LAN Application Services help businesses create and maintain a secure shared application solution that accelerates and increases the availability of business solutions.

Cisco Wireless LAN Optimization Service

The Cisco Wireless LAN Optimization Service is a proactive optimization service that provides software, configuration, and coverage recommendations to help improve the performance level of your Cisco wireless LAN. Maintaining your WLAN while keeping business-critical applications available and operational helps to increase employee productivity while reducing operational expenses. In supporting these applications, it is critical to proactively address quality-of-service (QoS), coverage, interference, and compatibility issues. When these critical elements are not addressed, network users run the risk of not being able to complete business-critical transactions, thus directly affecting their productivity, which in turn has an adverse effect on overall company operations and performance.

Benefits

Whether integrating a WLAN with your wired infrastructure or migrating from an autonomous solution to a Cisco Unified Wireless Network, Cisco and our specialized partners deliver a holistic approach to business mobility. This end-to-end approach makes it easier to manage the increasing quantity and diversity of mobile devices, deliver device-to-network-to-application integration and security, create an open platform for the development of mobility applications, and integrate secure unified communications to enable mobile workspaces.

In addition, these services help you to:

- 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 availability, security, management, performance, and interoperability of your business mobility solution by working with you to develop technical requirements, assess architectural readiness, and review your implementation plan
- Increase your network security, reliability, throughput, and performance by continually optimizing your infrastructure
- Improve system reliability by resolving network-level issues quickly

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 superior results.

For More Information

For more information about Cisco Wireless LAN Services, visit www.cisco.com/go/wirelesslanservices.

Cisco Services.
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Better Together.



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