



Why Should I Care About Mobility?

Today's work environment is dramatically different than it was just 10 years ago. The old paradigm of most employees driving into work, conducting business at the office, and then driving home and putting work aside until the next day is no longer true. The demands of a global partner and customer base, Internet immediacy and nearly ubiquitous high-speed connectivity create the need for flexibility in when and how work gets done.

What Problems Need to Be Solved?

With employees on the move both within and outside the business, maintaining productivity and responsiveness can be challenging. Even on the go, employees require access to their critical data applications, the ability to collaborate with colleagues, partners, and customers, and awareness of the location and status of assets and people that are critical to completing business processes.

Cisco Mobility Solutions

Cisco® mobility solutions serve the four primary areas where work happens: campus, branch, home, and on-the-go.

Cisco Unified Wired and Wireless Network for the Campus. The Cisco Unified Wireless Network is helping businesses maintain agility and create new ways of doing business in this fast-paced world. The Cisco solution unites the wired and wireless networks to provide a secure, scalable, and manageable platform for delivering mobility services. Integration of the wired and wireless networks enables unified security policies, intrusion prevention, quality of service (QoS), and location services, thereby making it possible to take advantage of business-critical wireless applications. With this innovative solution, unification occurs at all levels, including hardware, software, and services. Cisco is the only vendor that provides a solid migration path into all major Cisco switching and routing platforms through Cisco wireless LAN controllers.

- Cisco Catalyst® 6500 Series Wireless Services Module (WiSM)
- Cisco Catalyst 3750 Series Integrated Wireless LAN Controllers
- Cisco 4400 Series Wireless LAN Controllers
- Cisco Aironet® Wireless Access Points
- Cisco Wireless Control System
- Cisco Secure Services Client

Cisco Unified Wired and Wireless Network for the Branch. With integrated routing, switching, security, highly secure wireless LAN (WLAN), virtual private network (VPN), voice over WLAN (VoWLAN), and now wireless WAN capabilities on a single integrated services platform, Cisco integrated services routers offer customers service interoperability, operational efficiency, and investment protection while accelerating application deployment and reducing network cost and complexity.

The unified wired and wireless platform bridges the gap between the wired and wireless LAN, providing seamless, secure connectivity backed by enterprise-wide policy and manageability.

- Cisco 3700 and 2800 Series Integrated Services Routers with Cisco Wireless LAN Controller Module
- Cisco 2000 Series Wireless LAN Controller
- Cisco Aironet Access Points
- Cisco Secure Services Client
- Cisco Unified Communications Manager Express

Mobile Solutions for Unified Communications. Cisco Unified Communications is dramatically helping businesses communicate more efficiently. Now Cisco is extending Cisco Unified Communications with mobile solutions that include smartphones or wireless IP phones in addition to desktop-based IP phones and single-business-number-reach services. The combination of unified communications and mobility greatly enhances employee effectiveness by reducing complexity; supporting the use of a single business number and voice mailbox; allowing employees to move communica-

tions more easily between voice calls, voicemail, e-mail, and instant messaging; and improving an employee's ability to find the desired person or information the first time.

- Cisco Unified Mobile Communicator
- Cisco Unified Mobility
- Cisco Unified CallConnector Mobility
- Cisco Unified Personal Communicator
- Cisco Unified Wireless IP Phone 7921G

Cisco Process Monitoring and Optimization Solutions. Business processes are a competitive advantage and are unique to each company. Cisco Process Monitoring and Optimization solutions streamline business processes and even enable new and smarter ways of doing business. Advanced location and status services permit assets, equipment, and even people to be tracked and monitored. The end result is a more efficient use of resources and people, which improves bottom line productivity and customer satisfaction.

- Cisco Unified Wireless Network
- Cisco Wireless Location Appliance
- Any Wi-Fi-enabled device or compatible third-party Wi-Fi or radio tag

Enterprise Class Teleworker Solution. Cisco has designed a variety of remote working solutions that extend the resources of the office environment to employee homes or alternative work locations. Data, applications, network connections, and toll-quality voice services are all made available to employees working remotely, whether to extend the day, to continue business during a business disruption, or simply to work away from the office.

At Home

- Cisco 800 Series Integrated Services Router with integrated security including Cisco IOS® Firewall and Cisco IOS Intrusion Protection System and optional integrated wireless LAN capability



- Cisco Unified Personal Communicator
- Cisco 7960 Unified IP Phone

At the Business

- Cisco Unified Communications Manager
- Cisco 7200 Series Router

Secure Remote Access Solutions. Cisco provides VPN and voice over IP (VoIP) solutions that enable employees to recreate their office resources at their homes or other Internet-connected locations using a laptop or other network-accessible device. Using VPN services, employees can securely access data applications remotely, including e-mail, instant messaging, client-server applications, file servers, databases, and intranet services. The VPN connection can extend voicemail and employee office phone extensions directly to the employee's PC or to an IP phone. While employees are away from the business, Cisco security solutions also provide industry-leading defense against targeted attacks, spyware, rootkits, and day-zero attacks. And when devices seek to access network resources, Cisco solutions identify whether mobile devices are compliant with your network's security policies. Vulnerabilities are then repaired before access to the network is permitted.

On the Laptop

- Cisco AnyConnect VPN Client
- Cisco Security Agent

At the Business

- Cisco ASA 5500 Adaptive Security Appliances VPN Edition
- Cisco Adaptive Services Device Manager
- Cisco NAC Appliance

Figure 1 lists the Cisco mobility solutions products for all the environments where work is done—campus, branch office, home, and on-the-go.

What Are the Benefits of Mobility?

Through mobility solutions, companies can deliver insight into the business, collaboration with colleagues, and awareness of critical assets:

Figure 1. Cisco Mobility Solution Products for a Range of Work Environments

Campus		
Mobile Solutions for Unified Communications Cisco Unified Mobile Communicator Cisco Unified Mobility, Cisco Unified CallConnector Mobility, Cisco Unified Personal Communicator, Cisco Unified Wireless IP Phone 7921G	Cisco Unified Wired and Wireless Network for the Campus Security, Guest, Location and Voice Services, 4400 Series Controllers, WiSM for Catalyst 6500, Lightweight Indoor and Outdoor APs	Cisco Process Monitoring and Optimization Solutions Location Appliance, Wi-fi and 125 kHz Tags, Chokeyoints
Branch	Home	On the Go
Cisco Unified Wired and Wireless Network—Integrated Services Routers Integrated WLAN controller module, Cisco Communications Manager Express	Cisco Business on the Go Solution—Enterprise Class Teleworker 871 ISR with Always on VPN and Integrated Wireless LAN 7960 IP Phone, Personal Communicator	Cisco Business on the Go Solution—Secure Remote Access AnyConnect, VPN Client, Security Agent, ASA 5500 Adaptive Security Appliance VPN Edition, Unified Mobile Communicator

- **Insight** improves productivity and efficiency through access to important applications and resources; maximizes direct customer interaction and remove proxies; and allows users to accurately enter information at the point of service.
- **Collaboration** improves efficiency by reaching the right resource the first time; increasing the speed of response to unplanned schedule changes; and maximizes direct customer interaction.
- **Awareness** provides visibility into the location of valuable assets; reduces costs of leasing and equipment purchases to offset losses and theft; improves customer service; and increases security through understanding of the location and movement of goods and people.

Why Cisco?

Here's how Cisco can help companies make the most of mobile technology:

- **A Strategic Partner.** Beyond wide-ranging solutions that deliver common user experiences no matter where business happens, Cisco's broad knowledge in mobility extends to design, testing, validation, deployment, and financial options.

- **An Integrated Approach.** Because no one understands business networks better than Cisco, our mobility solutions are designed as an integral part of the network infrastructure. This ensures that they work smoothly together, delivering a lower total cost of ownership, simpler deployment, and improved data integrity and compliance.
- **Broad Ecosystem.** Cisco's own breadth of solutions is complemented by an industry-leading ecosystem of technology, application, services, and integration partners. Our Gold Certified Partner channel partners are highly experienced in all mobility technologies and are a core part of your business IT team in delivering mobility solutions that help you reach your business goals faster.
- **Investment Protection.** As the capability and variety of end user devices changes and grows, you can adopt new devices as needed for your business while maintaining your infrastructure investment.