

Enterprise Mobility—New Ways of Doing Business, Reduced Costs, Happier Employees

According to a recent survey by Cisco Internet Business Solutions Group (IBSG) Horizons, 89 percent of IT companies support use of mobile devices for business in some form.¹ Taking a comprehensive approach to enabling Enterprise Mobility helps improve productivity, enable new ways of doing business, reduce costs, and mitigate risk. Giving employees the freedom to work their way can also increase employee satisfaction.

The Cisco[®] Enterprise Mobility Solution delivers increased business efficiency, productivity, and agility by providing users with consistent, seamless, and secure access to any combination of applications, content, and communication on any device in any location across any wired or wireless/mobile network by combining best-of-class technology, a validated design, modular building blocks, third-party integration, professional services, and end-to-end support.

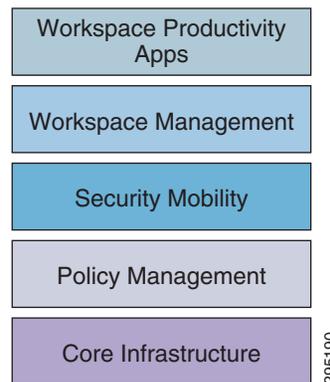
Customer Challenges

Whether your organization encourages, tolerates, or prohibits personal devices, mobile device proliferation in the workplace creates challenges for your IT team, including:

- Minimizing resources needed to bring mobile devices onboard and enforce corporate access policies on any device.

- Delivering a mobile experience equivalent to the wired experience, especially with latency-sensitive applications such as voice and video.
- Knowing who and what devices are on the network.
- Mitigating security and privacy risks such as malware and loss of intellectual property.

Figure 1 Add New Modules as Business Needs Change



Cisco Enterprise Mobility Solutions

A modular framework for enterprise mobility environments, the Cisco Enterprise Mobility Solution provides investment protection by letting you start with the modules you need for today's business needs and add new ones as needs change (Figure 1).

Modules include:

- Core infrastructure—Cisco wired and wireless network infrastructure reliably delivers the workspace to all devices, whether personal or corporate-owned. Employees enjoy the same experience using any device and connection method. And Cisco Prime[®] Infrastructure management software accelerates troubleshooting by giving your IT team a single view into wired and wireless networks.
- Policy management—The Cisco Identity Services Engine (ISE) consistently applies your organization's access policies based on the employee's identity and the device. It automatically brings personal devices onboard the first time they attempt to connect, saving time for your IT team. And Cisco ISE provides system-wide visibility, showing who and what devices are on the wired, wireless, and VPN networks.
- Secure mobility—With the Cisco AnyConnect[®] Secure Mobility Solution and Cisco Adaptive Security Appliance (ASA), employees can securely access applications and data over 3G and 4G networks, Wi-Fi, and wired networks.
- Workspace management—The Cisco Enterprise Mobility Solution integrates with a variety of third-party tools for mobile device management (MDM) and mobile application management (MAM). These tools can be used to establish policies such as encrypted storage or personal identification number (PIN)-lock requirements, track device location, remotely wipe devices, and disable features such as cameras and audio recorders.

1. http://www.cisco.com/web/about/ac79/docs/re/BYOD_Horizons-Global.pdf



- Workspace productivity applications—Enterprise-class applications such as Cisco Jabber® and Cisco WebEx® applications on personal devices enable employees to collaborate from anywhere, helping accelerate decision making and increase productivity.

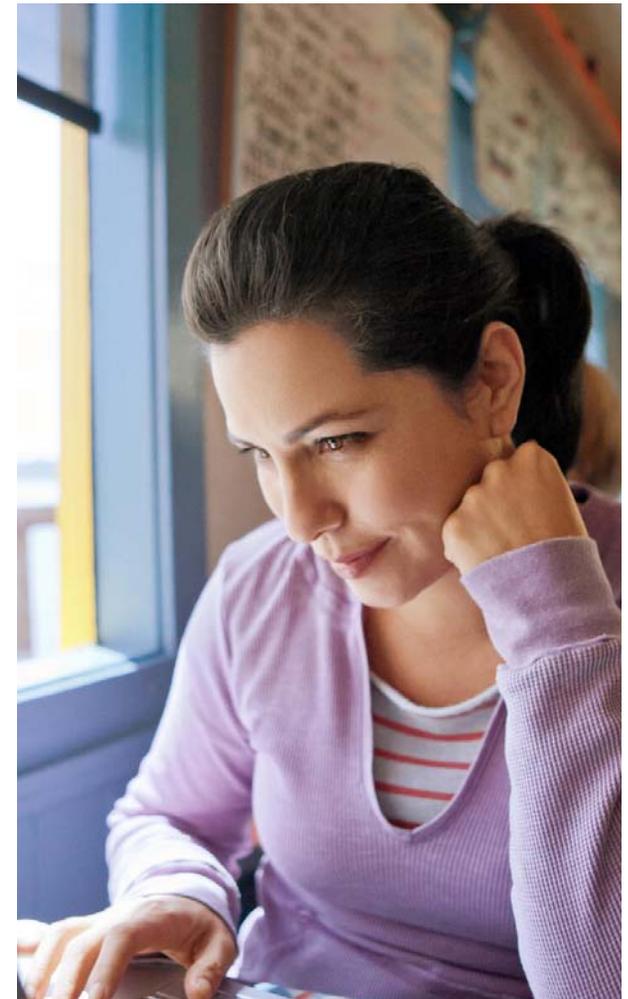
What Are the Benefits?

- For employees:
 - Gain the freedom to work your way by using any device and any network, improving work-life balance and increasing productivity.
- For the business:
 - Adopt new business models that increase agility—For example, instead of sending highly trained inspectors to the field, dispatch entry-level employees to capture video on tablets to share with the experts. Allow manufacturing engineers in a central location to view video of assembly line problems to accelerate remediation, minimizing lost time.
 - Increase productivity—Cisco collaboration tools such as Cisco Jabber and Cisco WebEx enable employees to get answers from wherever they are, using any device. Not having to go back to the office to collaborate accelerates the pace of business.
 - Attract and retain talent—In a 2012 survey of government employees by Forrester Research, 52 percent said that using their own devices for work increased job satisfaction. And 44 percent indicated they would be more likely to work for an employer that allowed them to bring their own device to work.
 - Reduce costs—Many employees are willing to assume some or all of the hardware costs and service fees for personal devices in exchange for the freedom to work their way. After encouraging the Bring Your Own Device (BYOD) trend for just one department, the state of Delaware reduced the expenses associated with smartphones by 45 percent—and reduced overall department wireless costs by 15 percent.

- For the IT team:
 - Simplify operations—Consolidating to one network, one policy, and one management environment—the Cisco Unified Access approach—decreases overhead and complexity. Automatic device registration and integrated management tools minimize operational costs and accelerate troubleshooting.
 - Mitigate risk—Validated designs, end-to-end support, and professional services help you introduce your BYOD program more quickly and avoid the time, costs, and risks of integration efforts.
 - Foster innovation—A tested, end-to-end solution lets you focus on strategic programs instead of solving technology problems.
 - Protect the network and information—Secure your data, applications, and systems by automating policy enforcement across the entire organization.

Why Cisco?

The Cisco Enterprise Mobility Solution is comprehensive, including core infrastructure, policy management, secure mobility, workspace management, and workspace productivity applications. Gartner places each of these Cisco technologies in its Magic Quadrant, reserved for leaders in vision as well as execution. Cisco and our partners bring a broader engagement into existing customers opportunities—by presenting the strengths of Cisco and our partner, a best of breed solution can be realized by our customers. Cisco partners offer, plan, build, and manage services for the Cisco Enterprise Mobility Solution, working with validated designs and tailoring the solution for your business needs and IT environment.



For More Information

For more information, please visit:

- <http://www.cisco.com/go/byod>
- <http://www.cisco.com/go/designzone>
- <http://www.cisco.com/go/byoddesign>