

How Cisco Deployed Wireless Access Points Worldwide

Cisco Aironet deployment improved employee productivity, mobility, and network security.

BUSINESS BENEFITS

- Improved productivity
- Network connectivity anywhere on Cisco campuses
- More effective employee, partner, and customer collaboration
- Personal network access in meetings
- Network access availability for visiting guests

“We expect at least 30% of enterprises to move beyond WLAN trials into full production deployment as standards solidify, and architectures mature.”

– META Group

Cisco’s wireless LAN (WLAN) is deployed worldwide with more than 3100 Cisco Aironet 350, 1100, and 1200 series access points installed at more than 280 sites in 85 countries. It serves more than 40,000 wireless client devices and more than 35,000 users.

For Cisco IT the challenge was how to implement and maintain a secure WLAN that would reduce support costs while enabling added productivity. Cisco already had a highly mobile workforce and a WLAN would take advantage of and extend this mobility. Wireless transmissions, however, can be intercepted by any adaptor within range. A solid security framework is essential to protect corporate traffic, yet should not introduce unwieldy or overly complex security requirements for end users.

Cisco IT assembled a global program management team and responsibility for regional deployments was delegated to a regional project manager and local team. Several sites were deployed concurrently across and within regions, and Cisco was able to reduce installation time from years to less than four months.

Smooth business operations are inextricably tied to the availability of information resources. A robust, highly available WLAN is essential to timely delivery of critical business information. Ninety-seven percent of Cisco employees use wireless access at least once a day and 25 percent use it as their primary or only method of access. Cisco technical support receives only 800 WLAN-related calls each month, or an average of 0.3 calls per user per year.

Cisco IT estimates productivity gains of between \$9 million and \$18 million per year

Case Study: www.cisco.com/en/US/about/ciscoitnetwork/case_studies/wireless_d15.html

FOR MORE INFORMATION

To read the entire case study or for additional Cisco IT case studies on a variety of business solutions, visit Cisco on Cisco: Inside Cisco IT www.cisco.com/go/ciscoit

NOTE

This publication describes how Cisco has benefited from the deployment of its own products. Many factors may have contributed to the results and benefits described; Cisco does not guarantee comparable results elsewhere.

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