

The Cisco Secure Network Foundation Solution

To stay competitive in a challenging marketplace, small and medium-sized businesses (SMBs) must continually control costs, overcome competitive pressures, and manage resources while maintaining business integrity and network security. At the same time, they must improve their business efficiency and respond to customers more quickly. The Cisco® Secure Network Foundation helps businesses match technology and network solutions to meet these critical business challenges—both today and in the future.

The Cisco Secure Network Foundation provides a flexible communications platform that serves as the cornerstone to an organization's information needs and the foundation for other networking solutions as the business evolves. The Cisco Secure Network Foundation delivers performance, built-in security, and high reliability, to help ensure that data is protected and that applications function as promised.

Designed for today's increasingly mobile businesses, the Cisco Secure Network Foundation also helps enhance productivity by making information and business applications accessible anywhere, anytime.

Because each business is unique, its evolution and use of technology will be as well. The Cisco Smart Business Roadmap provides a structured, planned evolution path to help businesses keep pace with change and make smart technology purchases. The roadmap is designed to enable SMBs to align a network technology plan with their business priorities and support their long-term goals.

The Cisco Secure Network Foundation is an integral part of the Cisco Smart Business Roadmap. To help make the Cisco Secure Network Foundation a reality, Cisco provides easy-to-use blueprints for extending network capability to support advanced applications in businesses from fewer than 20 users up to 500 users. These blueprints are based on Cisco's extensive experience in creating networks for successful SMBs.

Cisco network security blueprints for small and medium-sized businesses are formulated according to size:

- Security Blueprint: 20 to 100 user ports per site
- Security Blueprint: 100 to 250 user ports per site
- Security Blueprint: 250 to 500 user ports per site

Figure 1: Network Blueprint for Small and Medium-Sized Businesses with 20 to 100 User Ports per Site

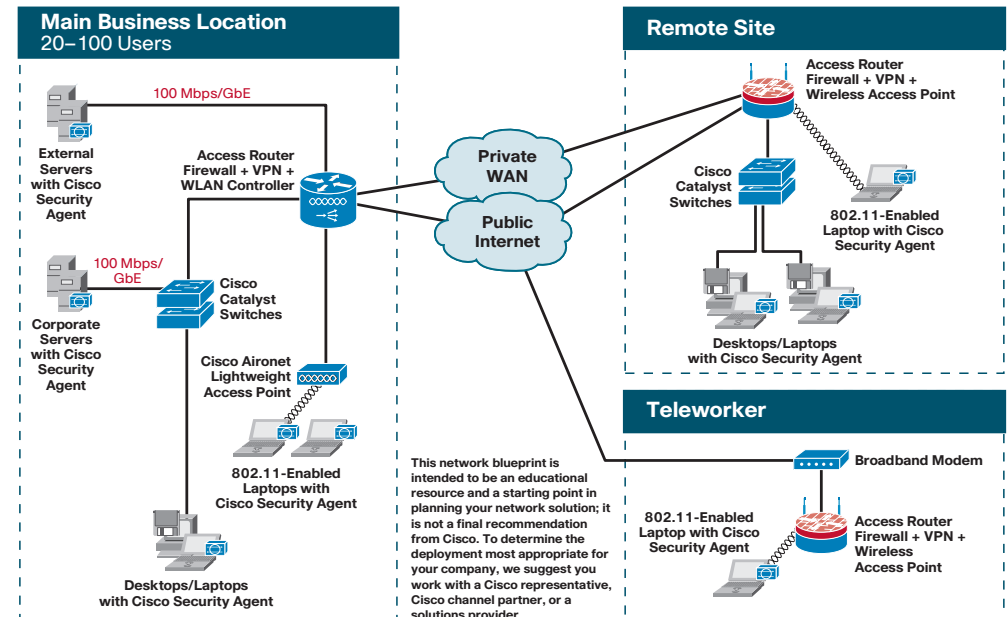


Figure 2: Network Blueprint for Small and Medium-Sized Businesses with 100 to 250 User Ports per Site

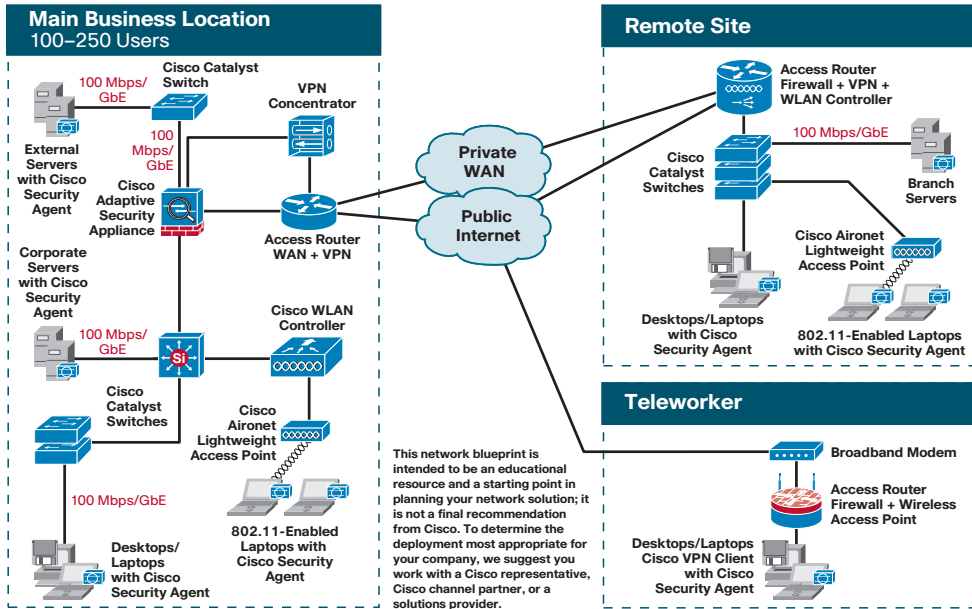
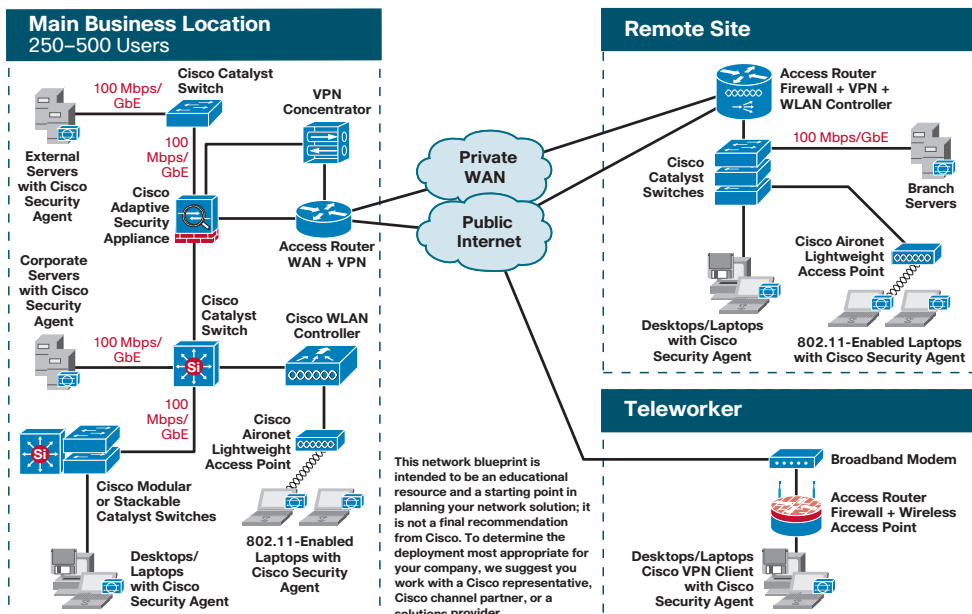


Figure 3: Network Blueprint for Small and Medium-Sized Businesses with 250 to 500 User Ports per Site



Business Benefits

With the Cisco Secure Network Foundation, SMBs can unlock a variety of benefits. The Cisco Secure Network Foundation:

Provides a complete solution—Cisco SMB solutions are easy-to-manage, end-to-end solutions, eliminating the trouble of trying to join together different devices from many manufacturers.

Helps keep costs affordable—Cisco SMB networking products are tailored to meet the specific needs of small businesses. They will help you protect your network and make the most of the equipment you have already purchased—to meet your business needs now and tomorrow.

Helps you keep ahead of your competition—Easy-to-use products let you quickly reach the network tools you use every day and respond to your customers' needs. Their flexible design lets you change or build on the network to meet new business demands.

Shields the network from attacks—Cisco Self-Defending Network technologies help you protect your network from hackers, viruses, and other threats. They will help you keep your business operations up and running while you safeguard your most important business data.

Helps your employees accomplish more—Giving your employees secure wired and wireless access to the Internet, e-mail, and other network tools can help them be more productive and respond to customers more quickly. They can even work from home or on the road, and enjoy better job satisfaction.

Provides smooth, reliable operation—Reliable technical support resources like Cisco SMB Support Assistant are available when you need them. Trained Cisco support staff deliver the high level of customer service you expect, and answer your questions quickly and professionally.

Solution Components

Incorporating connectivity, simplicity, and scalability features, the Cisco Secure Network Foundation Solution assembles an array of wired, wireless, security, and data-transfer technologies into a comprehensive package that can be customized to suit individual system specifications. The Cisco Secure Network Foundation Solution includes:

Products and Technologies	Description
Cisco Catalyst® switches	Versatile switches deliver smart, simple, and secure services to every desktop and wireless user.
Cisco integrated services routers	Integrated services routers provide features that enable organizations to take advantage of advanced technologies such as IP Communications, wireless, and security systems while delivering the performance demanded by businesses and applications.
Cisco ASA 5500 Series adaptive security appliances	High-performance, all-in-one security appliances protect against known and unknown threats.
Cisco Aironet® lightweight access points	Standards-based, wireless access points feature integrated antennas and dual IEEE 802.11a/g radios for robust and predictable coverage, delivering a combined capacity of 108 Mbps to support a variety of business environments.
Cisco wireless LAN controllers	Cisco wireless LAN controllers are responsible for systemwide wireless LAN functions, such as security policies, intrusion prevention, RF management, quality of service (QoS), and mobility services.



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