

What Is the Value of the Cisco Secure Borderless Networks?

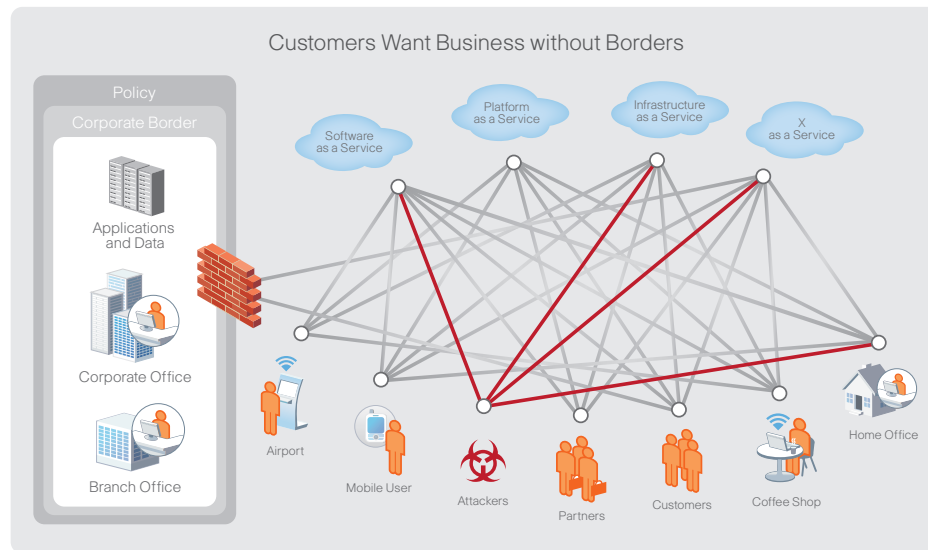
The Cisco® Secure Borderless Networks comprehensive approach to security enables today's workforce to stay productive, while controlling cost and complexity.

The Cisco Secure Borderless Networks is an architectural approach that integrates security into the distributed network. Through flexible solutions, integrated and pervasive security, and proactive intelligence, the Cisco Secure Borderless Networks extends security to the right people, devices, and locations. This architecture enables customers to build solutions that keep their organizations secure, and positions them to deal with continuously evolving business and security challenges (Figure 1).

What Problems Does It Help Solve?

Traditional approaches to security were designed to protect resources against threats and malware. This was a challenge made even more complex in a constantly evolving security landscape. Today, an influx of technology, devices, and communications infrastructure has expanded our ability to collaborate and stay connected. While the benefits are clear, this brings additional risk and poses a new challenge for security professionals.

Figure 1 Extending Security to a Borderless Environment



Organizations still need to defend themselves against threats, protect valuable data and resources, and implement the necessary controls for regulatory compliance. However, the distributed workforce—and the borderless network that is used to support it—requires a new security strategy to deal with:

- Enabling collaboration—Organizations are adopting new applications for integrated voice, video, and conferencing services. These applications need to be secured to protect against vulnerabilities, mitigate risks, and maintain availability.
- The “consumerization” of IT—The popularity of mobile computing devices in the consumer market has helped these devices make their way to corporate networks. While it presents flexibility for the end user, security and IT organizations need to consider how to secure the connectivity of these devices, as well as how to extend the right security services and policies to protect them.
- Software as a service (SaaS) delivery models—Pushing more applications and services into the “cloud” can provide tremendous operational benefits, but organizations need assurance that their data is still protected when it is off the enterprise network, and a level of confidence that their security has not been compromised.

These trends are driving a new security paradigm, even while business objectives maintain ongoing pressure to keep costs under control and reduce complexity to make operations more efficient.

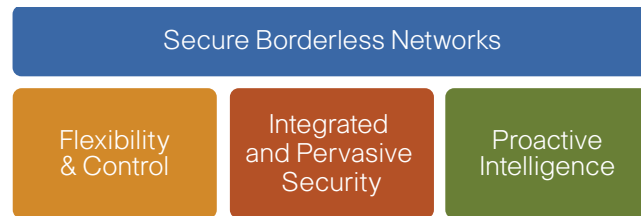
Cisco Secure Borderless Networks Overview

The Cisco Secure Borderless Networks has three primary characteristics (Figure 2):

- Flexibility— Cisco Secure Borderless Networks takes the fundamental concepts of security, threat control, data protection, secure connectivity and extends those to the distributed workforce. This gives companies and their employees flexibility and freedom of choice to improve their business processes, without sacrificing control to enforce policy and reduce risk.
- Integrated and pervasive — To build the right security solutions for critical business needs, Cisco Secure Borderless Networks delivers functionality through different form factors to simplify deployment. Using the network as the platform, businesses can use integrated network security products, standalone appliances, fully hosted or hybrid-hosted offerings, or security SaaS to build a wide range of security solutions. To achieve the greatest value on their security investment, Cisco builds ecosystem partnerships, and offers professional services, to create one of the most complete offerings in the marketplace.

- Proactive intelligence—Cisco Security Intelligence Operations (SIO) combines with pervasive threat telemetry to establish an advanced threat control infrastructure that provides threat identification, reputation-based analysis, and mitigation to provide the highest level of security for Cisco customers.

Figure 2 Cisco Secure Borderless Networks



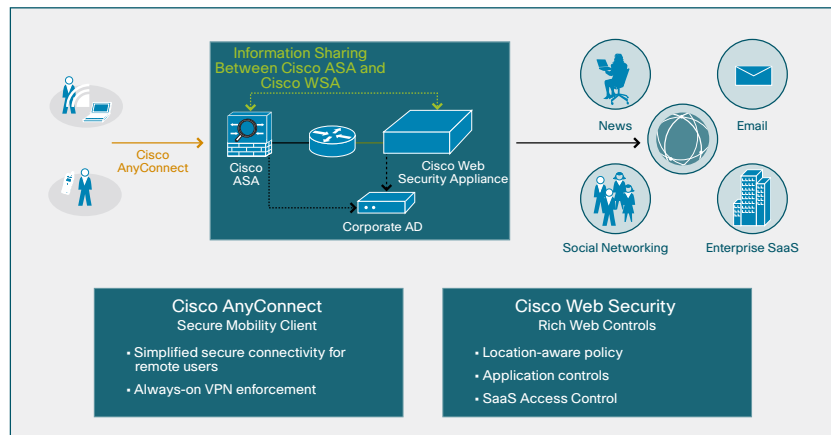
Built on these principles, this architecture enables customers to build flexible solutions to meet evolving business and security challenges.

Solution Examples

AnyConnect Secure Mobility

Cisco's AnyConnect Secure Mobility solution provides an innovative new way to protect mobile employees on PC-based or smartphone platforms (Figure 3). This solution delivers a more seamless, always-on, and always-protected experience for end users, while simultaneously enabling comprehensive policy enforcement for IT administrators managing security to the distributed workforce.

Figure 3 Cisco AnyConnect Secure Mobility Solution



Cisco ScanSafe

As the workforce becomes more distributed with increasing bandwidth requirements, there is a growing demand to push security services closer to the user. The Cisco ScanSafe solution offers web-based security policy enforcement and intelligence as a service to simplify deployment and operations while expanding coverage for the distributed workforce.

Cisco TrustSec

Policy-based secure access to the entire network and to resources is a key factor in any security strategy. By establishing a consistent set of policies, Cisco TrustSec provides a foundation that helps customers gain visibility into, and control of, who is connecting to their network—and what they are doing once they get on. TrustSec delivers identity-aware security and services that can apply to any user that is accessing a Secure Borderless Network from any location, at any time.

What Are the Benefits?

For IT and security professionals, the Cisco Secure Borderless Networks:

- Makes it easier to extend the right security to today's workforce
- Increases productivity by providing flexibility and freedom of choice for the workforce
- Enables the adoption of new business models such as SaaS without compromising security
- Helps control risk and meet compliance objectives

For end users, the Cisco Secure Borderless Networks:

- Provides flexibility for where and when they can get access to information
- Allows them to choose what device to use to access information and get work done
- Delivers a secure, "always-on" user experience so they do not have to worry about getting connected. Instead, it just works.

Why Cisco?

Cisco's approach presents a true architectural approach to security. By integrating security into all parts of the network, Cisco simplifies the task of addressing today's security requirements, regardless of application or service. The Cisco Secure Borderless Networks combines flexibility while maintaining control, integrated and pervasive security, and proactive intelligence to extend security to the right people, devices, and locations—ultimately enabling businesses to build solutions that keep their entire organization secure and ready to meet their business objectives.