Cisco Security Segmentation Service

Reduce Your Risk with a Highly Secure Segmentation Strategy

Networks and the interactions among users, applications, and systems are highly complex. This makes it harder for security teams to protect the confidentiality, integrity, and availability of data and systems. Traditional security approaches are not meeting the demand and scale for this new technology landscape. Moreover, they are not able to provide consistency, scalability, and the appropriate detail required for effective controls and monitoring.

The Cisco® Security Segmentation Service provides a strategic infrastructure segmentation approach. It allows organizations like yours to reduce risk, simplify your audit profile, protect data and applications, and achieve a more defensible position for board-level requirements in today's hyperconnected and complex environment.

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Benefits

- Develop a highly secure segmentation strategy aligned with business objectives
- Reduce risk to your organization's data and assets.
- Apply effective security and policy controls across multiple security disciplines.
- Secure data and intellectual property from internal and external cyber attacks

Case Study

US Public Sector

Challenges

- Customer is operating on a flat network without sufficient segmentation introducing security risks into its environment

Solution

- Cisco used software-based solution to integrate physical security and information security.
- Created multiple segmentation enclaves in 3 different areas for the City by designating them as high, medium and low risk

Outcome

- Improved compliance and consistent detailed work process through improved policy, standard, and procedure availability
- Improved visibility of cybersecurity threats, risks, and vulnerabilities

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A New approach to Segmentation

This is a new approach to segmentation that more fully considers business and application impacts and vertical-specific design patterns. Our approach is customer-specific, extends beyond the network, and incorporates reusable design patterns.

Working with you, Cisco Security Advisors identify critical parameters that define security zones within your environment. Various infrastructure segmentation design patterns are evaluated and incorporated as necessary, including design patterns that are:

- Common to an industry vertical
- Based on line of business or industry separation
- Meant to secure geographical boundaries
- Topology-centric (remote sites versus a data center, for example)
- Hybrid approaches based on the above

Seasoned Professionals

As strategic and technical advisors, the Cisco Security Advisory Services team helps leading organizations identify strategic opportunities in information security. We help you protect network performance, create competitive advantage, and capture long-term sustainable business value. Backed by a superior combination of resources—vast research and threat intelligence, mature methodologies, and multidisciplinary experts across security, cloud, mobility, collaboration, and data center operations—our customers better manage risk and compliance, develop a strong security posture, control cost, and achieve strategic IT and business objectives.

Next Steps

The Cisco Security Segmentation Service is a part of the Cisco Security Advisory Services portfolio of services. Our security advisors can help your organization develop a strong strategy around security, compliance, and threat management. To learn more about how Security Segmentation Service can benefit your business, contact your local account representative or authorized Cisco reseller. For more information on how Cisco can help you protect your organization from today's dynamic threats, visit cisco.com/go/services/security