

Plan and Build Service for Identity Services Engine (ISE)

Cisco® Security Services quickly improved this beauty company's network security, simplifying management and gaining PCI compliance.



Snapshot

CUSTOMER PROFILE

- Large global beauty product company
- \$7 billion annual revenue
- 25,000+ employees

SOLUTION

- Cisco Plan and Build Service for Identity Services Engine (ISE)
- Cisco TrustSec
- Cisco Nexus 1000V

KEY TAKEAWAYS

- Increased network security
- Simplified management
- Achieved compliance goals
- Reduced operational expenses

Security Challenge

This global beauty product company needed to become PCI compliant in a very narrow timeframe: 8 to 9 weeks. Its data center was originally designed before PCI requirements existed, so its servers were logically addressed without taking data segmentation into consideration. This could have led to the need to rearchitect the existing data center, which would have proved extremely costly and inefficient.

The PCI deadline was approaching and its online sales were threatened. The company needed global compliance across its applications, without creating a whole new IP addressing scheme.

The beauty product company reached out to Cisco Security Services to put together a solution that combines both products and services that would eliminate the need for rearchitecting the data center and satisfy its needs in a narrow timeframe. Cisco provided a simple solution without introducing completely new variables.

Cisco Solution

The Cisco Identity Services Engine (ISE) and Cisco TrustSec solution addressed the requirement of network segmentation by logically grouping the PCI servers independently of the network topology and physical location.

The Cisco TrustSec technology classified and identified endpoints, such as servers, workstations, etc into logical groups. Access lists were replaced by policies revolving around these logical groups across all the network devices while maintaining and enforcing consistent policies. Cisco was able to achieve network segmentation within a few weeks, reducing the IT operational costs related to roll out.

By using ISE as a single point of policy management, network segmentation was rolled out in a phased approach with minimal business impact.

Additionally, the Cisco Nexus 1000V was used along with Cisco TrustSec technology to provide segmentation for the virtual environment.

Outcomes

Cisco helped the beauty company deploy ISE and Cisco TrustSec solution, increasing its network security, simplifying its management across the enterprise, and quickly and efficiently meeting its compliance goals.

Because Cisco TrustSec technology was embedded in the customer's existing infrastructure on more than 70 servers worldwide, it prevented the company from having to use expensive implementation and additional hardware for segmentation. The company was able to use what they currently had in production and simply change the configuration on ISE.

This ultimately increased security, simplified access management, and saved the beauty company significant money as it eliminated the need for rearchitecting the network, which would have been prohibitively costly.

Learn more about [Plan and Build Service for Identity Services Engine](#) or other Cisco Security Services