algosec

Secure application connectivity.
Anywhere.

Modernize your network and harness the power of Cisco Nexus and Cisco ACI with AlgoSec

If you still have Cisco Nexus 7000 devices in your environment, surely you have been inundated with end-of-life warnings and next-gen messaging touting the benefits of upgrading to Nexus 9000. Cisco Nexus 9000 offers cloud-scale technology, open and extensible programming with robust APIs, real-time analytics and telemetry, advanced centralized management, and full-stack automation and security with Cisco ACI and AlgoSec.

There are clear benefits to modernizing your network, embracing digital transformation and taking advantage of the full power of Cisco Nexus and Cisco ACI, but the cost and downside of disrupting and re-architecting your network can be daunting.

Securely modernize your legacy network

Modernizing your legacy network using Nexus 9000 and the AlgoSec Security Management Suite empowers a secure digital transformation so you can take advantage of your entire network's capabilities.

The solution unlocks Cisco ACI's potential by providing full visibility, automation, compliance, and micro-segmentation capabilities. With the joint solution, companies gain software-defined security for their software-defined network and entire multi-vendor hybrid network.

Application-centric migration

With AlgoSec's discovery capabilities, your applications are immediately discovered, network traffic is tied directly to your business applications, and traffic is migrated into clear application segments. By integrating Cisco ACI with the AlgoSec Security Management Suite, your organization is also able to connect network and business applications for items within and also outside of the ACI fabric. As a result, you can map application connectivity to ACI contracts and EPGs, as well as in-fabric firewall policies.

The relevant connectivity flows are then migrated en masse to the new location – ensuring the integrity of the security policy.

CISCO
Partner

Cisco has partnered with AlgoSec to help companies modernize their network and take advantage of the full capabilities of Cisco Nexus and Cisco ACI so customers can realize their ROI by addressing their applications network security needs when migrating from Nexus 7000 to Nexus 9000.

Enterprise-wide visibility and automation

AlgoSec complements and expands Nexus 9000's capabilities, offering full visibility into your entire hybrid multi-vendor network, network security policy automation, compliance, and security policy enforcement.

Security policy changes can be implemented automatically on your network with zero-touch automation. The intelligent automation workflow automatically pushes security policy changes to your entire network and enables automated deployment of contracts, EPGs, and filters on Cisco ACI. Connectivity can also be deployed at the business application level. This allows companies to use a single process to deploy security policies across their entire data center.

Gain native visibility into your Cisco ACI network topology while tying the ACI fabric into the rest of the data center. AlgoSec provides a complete network topology map for your entire network. Users can search across multi-site Cisco ACI estates for tenants, endpoints, contracts, EPGs, and more.

Proactive and continuous compliance

Get a complete picture of your compliance posture so that you can be confident in your network's compliance. AlgoSec generates automatic audit-ready compliance reports on your entire hybrid network, including Cisco ACI tenants, for major regulations, flags issues upon changes, uncovers gaps, and even remediates problems, ensuring continuous compliance over your entire network.

Enforce micro-segmentation policies over your entire network

Enforce Cisco Secure Workload-enforced micro-segmentation policies beyond the native software and hardware sensors, extending segmentation policies to all supported on-premises, cloud, and SDN technologies. In cases where Cisco Secure Workload alone cannot enforce micro-segmentation policies on workloads, AlgoSec can orchestrate the micro-segmentation policies as firewall rules. Therefore, you can maintain unified security policies across your entire network environment.

See it in action

Convinced that it is time to harness the full power of migrating to Nexus 9000? Schedule a personal demo to see how AlgoSec makes the transition flawless.

About AlgoSec

AlgoSec, a global cybersecurity leader, empowers organizations to secure application connectivity by automating connectivity flows and security policy, anywhere.

The AlgoSec platform enables the world's most complex organizations to gain visibility, reduce risk, achieve compliance at the application-level and process changes at zero-touch across the hybrid network.

Over 1,800 of the world's leading organizations trust AlgoSec to help secure their most critical workloads across public cloud, private cloud, containers, and on-premises networks.

AlgoSec.com