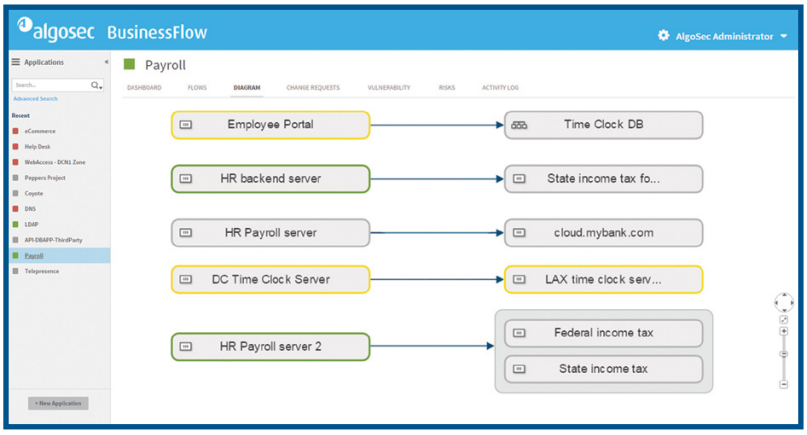
PARTNER SOLUTION BRIEF:
ALGOSEC & CISCO

Security Policy Management for Your Cisco Environment

AlgoSec manages complex network security policies throughout their lifecycle — from discovering application connectivity requirements, through ongoing change management and proactive risk analysis, to secure decommissioning. With powerful visibility across firewalls and cloud security controls, AlgoSec simplifies, automates and orchestrates security policy management for Cisco devices to accelerate application delivery while ensuring security and continuous compliance across the enterprise.

Provision Application Connectivity

AlgoSec makes it easy to securely provision, maintain and decommission connectivity required by business applications. By automatically mapping application connectivity requirements to the underlying network infrastructure, AlgoSec accelerates application delivery, minimizes outages and enforces security and compliance across the entire hybrid data center.



Visualize and Analyze Complex Network Security Policies

AlgoSec provides visibility and analysis of complex network security policies across virtual, cloud and physical environments to simplify security operations including policy cleanup, troubleshooting, auditing and risk analysis. Using AlgoSec, security and operations teams can simply and automatically optimize the configuration of Cisco firewalls and routers, as well as related network infrastructure, to ensure security and compliance.

AlgoSec Security Management for Cisco

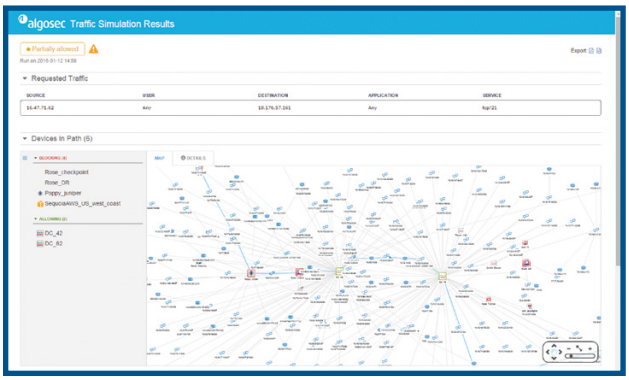
- Process Cisco firewall and router changes 4x faster, and eliminate misconfigurations and rework
- Cleanup and optimize firewall and router policies quickly and efficiently
- Proactively assess the impact of network changes to ensure security and continuous compliance
- Simplify and automate internal and regulatory firewall audits, and reduce time and costs by as much as 80%
- Easily understand and provision connectivity to accelerate application delivery and minimize outages
- Deliver a tighter security policy that provides better protection against cyberattacks

Solution Partner

Automate Security Policy Changes

AlgoSec automates the entire security policy change management process and delivers hands-free policy push for Cisco ASA firewalls and PIX appliances, Firewall Services Module (FWSM) as well as IOS routers.

By eliminating guesswork though intelligent change management workflows — from design and submission to proactive risk analysis, implementation, validation and auditing — AlgoSec helps operations and security teams save time, avoid manual errors and reduce risk.



Supported Cisco Devices

Device	Version
Cisco ASA Series Firewalls (including virtual versions for Amazon Web Services, VMware, and Microsoft Azure, as well as FirePOWER Services)	v4.4 and higher
Cisco PIX Security Appliance	v4.4 and higher
Cisco Firewall Services Module (FWSM)	v1.0 and higher
Cisco Layer-3 Switches	All versions
Cisco Security Manager	v4.3
Cisco IOS, IOS-XR and Nexus Routers (5K, 7K, 9K), including ACLS and complex VRF architectures with VRF leakage	All versions
Cisco ACI (monitoring)	v1.0 and higher

Support for Heterogeneous Environments

In addition to Cisco devices, AlgoSec seamlessly supports traditional and virtual firewalls, NGFWs and cloud controls as well as routers, load balancers and web proxies from the leading vendors, to deliver unified security policy management across heterogeneous environments.

Supported Cloud Platforms

vmware vCLOUD

amazon web services

Microsoft Azure

Supported Network Security Vendors

Check Point SOFTWARE TECHNOLOGIES LTD.

paloalto NETWORKS

CISCO

FORTINET

JUNIPER NETWORKS

vmware

FORCEPOINT

BLUE COAT

F5

AVAYA

BROCADE

DELL SONICWALL

Hillstone NETWORKS

WatchGuard

algosec

Global Headquarters
65 Challenger Road, Suite 320
Ridgefield Park, NJ 07660
USA
+1-888-358-3696

EMEA Headquarters
80 Coleman Street
London EC2R 5 BJ
United Kingdom
+44-207-099-7545

APAC Headquarters
10 Anson Road, #14-06
International Plaza
Singapore 079903
+65-3158-2120

AlgoSec.com

Copyright © 2016 AlgoSec. Inc. All rights reserved. AlgoSec is a registered trademark of AlgoSec Inc. The AlgoSec Logo is a trademark of AlgoSec Inc. All other trademarks used herein are the property of their respective owners. PSB-CSO-EN-2