



# Partner solution brief

## AlgoSec and Check Point

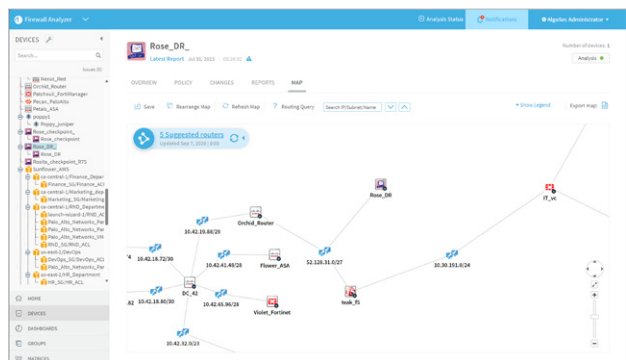
Today’s business environment is continuously changing as business needs rapidly evolve across various organizational functions of companies. In this dynamic environment, IT often struggles to gain adequate visibility and control, while ensuring security policies are in compliance with regulatory guidelines. Effective security policy management that accommodates the dynamic nature of today’s organizations is a key challenge for many IT departments.

### The AlgoSec security policy management solution for Check Point

AlgoSec seamlessly integrates with Check Point firewalls to automate application and user-aware security policy management and ensure that devices are properly configured. AlgoSec supports the entire security policy management lifecycle – from application connectivity discovery, through ongoing management and compliance, to rule recertification and secure decommissioning.

### Improve visibility across hybrid environments

AlgoSec automatically pulls information from a wide range of devices to generate an interactive network topology map. This map includes network security elements such as on-premise firewalls and cloud security controls. Through this map, you can understand the impact of the Check Point firewalls on traffic, quickly troubleshoot connectivity issues, plan changes and perform “what-if” traffic analysis. It also helps



### Check Point and AlgoSec integration provides:

- Support for hybrid environments that include on premises firewalls and CloudGuard public and private cloud firewalls.
- Automated firewall change management, including zero-touch policy push to Check Point security gateways.
- Policy analysis, migration and change management.
- Risk assessment and optimization of Check Point policies.
- Out-of-the-box regulatory compliance reports (PCI DSS, SOX, HIPAA, and many more).

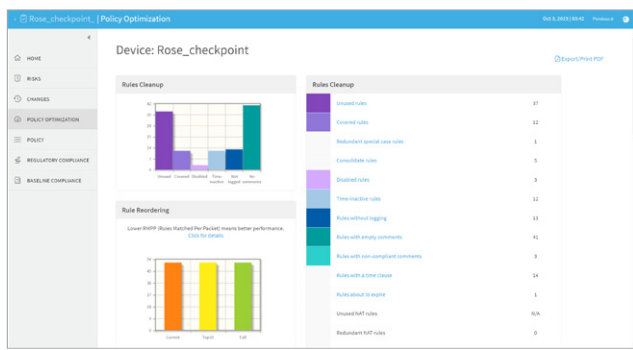
recognize if there is a virtual server that handles this type of traffic, where the traffic is directed to, and whether a policy blocks or allows the traffic flow. AlgoSec performs traffic simulation queries while considering network and security controls such as LTM NAT, AFM rules, and more.

### Automate for faster policy changes

Using intelligent, highly customizable workflows AlgoSec automates the entire security policy change process – from planning and design through submission, proactive risk analysis, implementation on the device, validation and auditing. With AlgoSec you can avoid guesswork and manual errors, reduce risk and enforce compliance.

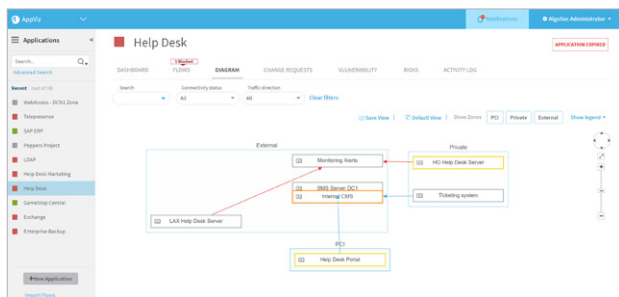
## Optimize security policies

AlgoSec provides actionable recommendations to help you cleanup and reduce risk across your environment. AlgoSec uncovers unused or duplicate rules, initiates a recertification process for expired rules, provides recommendations on how to consolidate or reorder rules for better performance, and tightens overly permissive “ANY” rules – without impacting business requirements.



## Application Connectivity Management

AlgoSec discovers and maps application connectivity requirements to the underlying network infrastructure and translates vague requests for connectivity changes into networking terms that security and operations



## 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.

teams can understand, approve and implement. With AlgoSec, organizations can accelerate application delivery, minimize outages, and enforce security and compliance across the data center.

## Ensure continuous compliance

AlgoSec generates pre-populated, audit-ready compliance reports for leading industry regulations as well as customized corporate policies, including SOX, BASEL II, GLBA, PCI DSS, GDPR, and ISO 27001, which helps reduce audit preparation efforts and costs. AlgoSec also uncovers gaps in the compliance posture and proactively checks every policy change for compliance violations so you can remediate problems before an audit and ensure continuous compliance. AlgoSec also provides daily audit and compliance reporting across the entire heterogeneous network estate.

