



MANAGE  
SECURITY  
AT THE SPEED  
OF BUSINESS

# THE ALGOSEC SECURITY MANAGEMENT SOLUTION



The AlgoSec Security Management solution simplifies, automates and orchestrates security policy management to enable you to manage security at the speed of business.

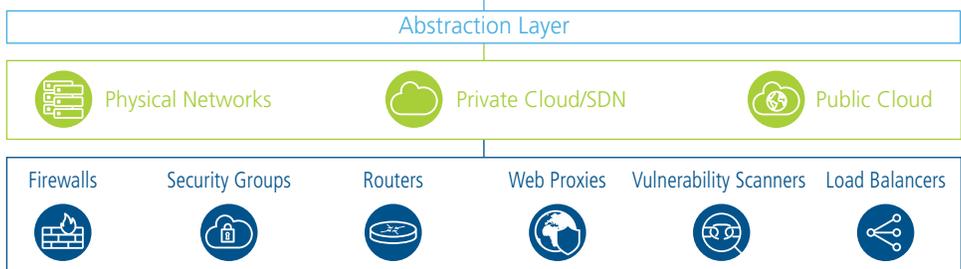
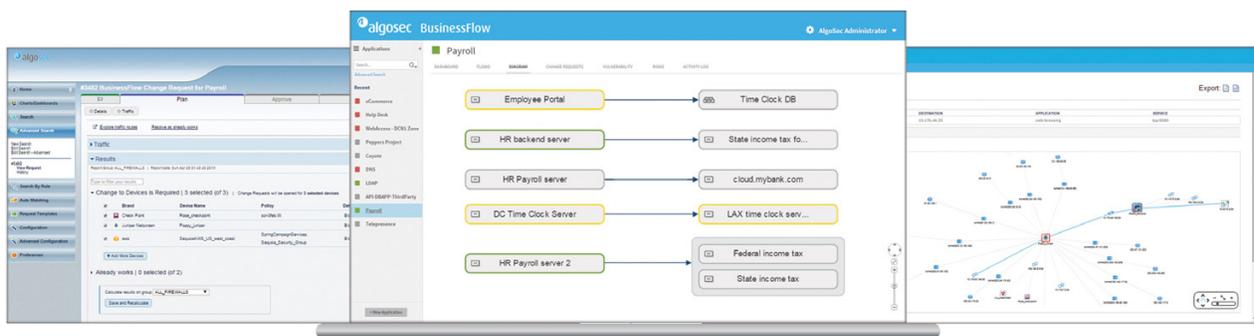
With AlgoSec you can:

- Quickly and securely provision application connectivity, and avoid outages
- Unify security management across heterogeneous cloud, software-defined and on-premise environments
- Automate firewall change management and eliminate misconfigurations
- Reduce time and costs of firewall audits by 80% or more
- Align security, networking and application teams, and foster DevSecOps
- Deliver an optimized security policy that provides better protection against cyber-attacks

Security Policy Change Automation

Application Connectivity Management

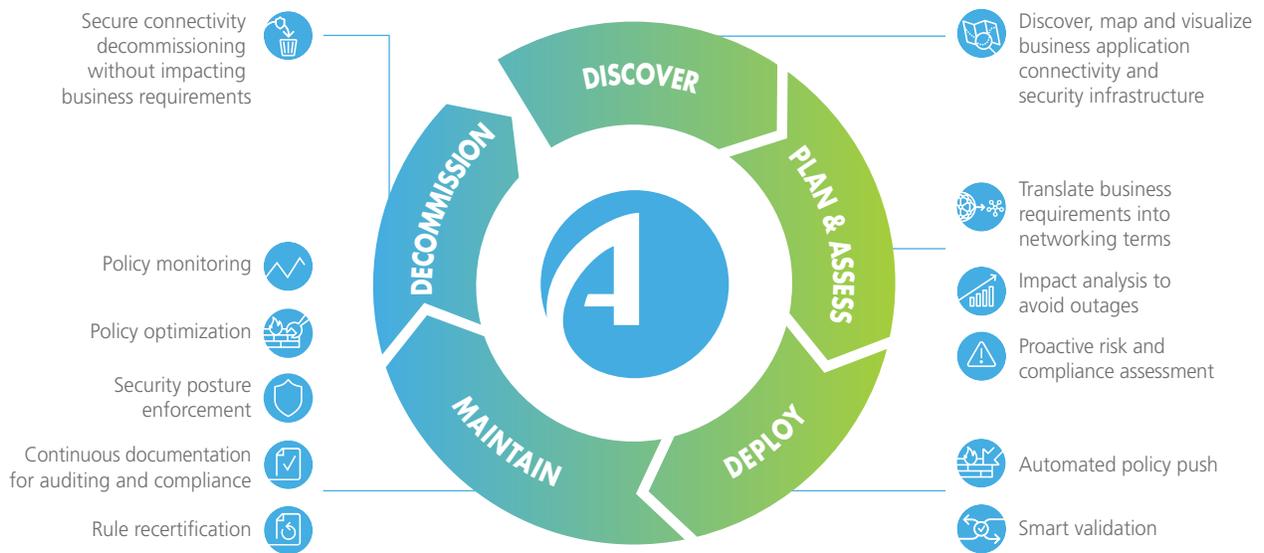
Security Policy and Network Analysis



## MANAGE SECURITY AT THE SPEED OF BUSINESS

The pace of security threats coupled with the constant demand for connectivity changes has surpassed the organization's ability to address them both effectively. Adding more security controls is not the solution. Adding more staff, given the acute shortage of experienced security professionals, is also not a feasible option. Automation is only way to manage security today. It creates a closed loop process that eliminates guesswork, reduces errors and saves time and money.

The AlgoSec Security Policy Management solution simplifies, automates and orchestrates the process of managing complex network security policies throughout their lifecycle — from discovering application connectivity requirements, through ongoing change management and proactive risk analysis, to secure decommissioning. Coupled with its powerful tracking and reporting, AlgoSec aligns your security, networking and application teams to accelerate application delivery while ensuring security and continuous compliance across the enterprise.



## ALGOSEC AT A GLANCE

|  |  |   |  |
|--|--|---|--|
|  1500+ Enterprise Customers |  Serving 20 of the Fortune 50 |  Customers in 65 Countries |  Obsessed with Ensuring Customer Satisfaction |
|--|--|---|--|

---

## APPLICATION CONNECTIVITY MANAGEMENT



AlgoSec makes it easy to securely provision, change and decommission connectivity for business applications. AlgoSec automatically discovers and maps application connectivity requirements to the underlying network infrastructure, as well as translates vague requests for connectivity changes into networking terms that security and operations teams can understand, approve and implement. With AlgoSec organizations can accelerate application delivery, minimize outages and enforce security and compliance across the data center.

---

## DATA CENTER AND APPLICATION MIGRATION



AlgoSec simplifies and accelerates security policy management throughout complex migration projects involving multiple servers and applications. Through AlgoSec's built-in workflows, you can simply select the applications you want to migrate and AlgoSec automatically identifies all the connectivity flows that will be affected by the planned project. AlgoSec then generates the necessary change requests for the underlying firewall rules, all while ensuring the integrity of the security policy and network access. Once the application is migrated, AlgoSec uniquely identifies the firewall rules that can be safely deleted, as well as rules that should not be removed because they are used by other applications — helping you avoid outages.

---

## SECURITY POLICY CHANGE MANAGEMENT



AlgoSec helps you process security policy changes in minutes or hours, not days or weeks. Using intelligent, highly customizable workflows AlgoSec automates the entire security policy change process — from planning and design through submission, proactive risk analysis, implementation, validation and auditing. AlgoSec helps you get the operations and security teams on the same page, avoid guesswork and manual errors, reduce risk and enforce compliance.

---

## FIREWALL AUDITING AND COMPLIANCE



AlgoSec automatically generates pre-populated, audit-ready compliance reports for most industry regulations, as well as customized corporate policies — which helps reduce audit preparation efforts and costs by as much as 80%, and makes life much easier for you and your auditors! AlgoSec will also uncover gaps in your compliance posture and proactively check every change for compliance violations — giving you the information you need to remediate problems before an audit, and helping to ensure a state of continuous compliance.

---

## FIREWALL POLICY OPTIMIZATION



AlgoSec continuously analyzes your network security policies and 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. All changes can be automatically designed, implemented and validated through AlgoSec’s change management process.

---

## NEXT GENERATION FIREWALL MANAGEMENT



Through its application centric approach, AlgoSec can manage Next Generation Firewalls (NGFW) policies consistently alongside traditional firewall policies. AlgoSec provides visibility into risk and compliance across the entire mixed firewall estate, enabling you to unify management and bridge the gap between application-aware policies used by NGFWs and traditional firewall rules and objects. Additionally, AlgoSec automates the entire change management process for NGFWs to improve accuracy and overall business agility.

---

## HYBRID CLOUD SECURITY



AlgoSec unifies security policy management across traditional and next-generation firewalls, and security controls deployed on public and private clouds. AlgoSec provides a single pane of glass through which you can seamlessly manage your entire security policy across the hybrid environment, including change management, network visualization and traffic simulations, policy and risk analysis, auditing and compliance reporting.

---

## PROACTIVE RISK MANAGEMENT



AlgoSec proactively assesses the impact of every proposed change to the security policy before its implemented, to minimize risk, avoid outages and ensure compliance. AlgoSec leverages the broadest risk knowledgebase which includes industry best practices, regulations such as PCI-DSS, HIPAA and SOX, as well as corporate-defined policies. Additionally, through its integration with leading vulnerability scanners, AlgoSec maps security vulnerabilities to their applications in real time, giving you the information you need to assess and prioritize risks to your business.

## INTEGRATIONS

### SUPPORTED NETWORK SECURITY INFRASTRUCTURE

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 and complete visibility across heterogeneous environments.



### SUPPORTED IT SERVICE MANAGEMENT SYSTEMS

AlgoSec integrates and complements existing IT Service Management (ITSM) solutions by adding firewall and network intelligence, and can easily be customized to suit each organization's specific business processes.



### SUPPORTED VULNERABILITY SCANNERS

AlgoSec integrates with leading vulnerability scanners to help prioritize risk based on application vulnerabilities.



#### Enterprise Ready Solution

With field-proven deployments across some of the world's largest and most demanding networks, AlgoSec scales to meet the needs of any enterprise.

- High Availability
- Disaster Recovery
- Geo-Distributed Architecture
- Load Balancing
- Flexible Deployment Models
- Multi-Domain Support
- Rich API library



#### 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](http://AlgoSec.com)

