



# Prevasio network security

## The power of double-layered protection across your cloud estate

Double-layered cloud security stands as a bulwark against cyber threats by providing an additional network security layer atop existing CNAPP offerings.

### Cloud network security main challenges

IT and Security staff find it difficult to create and maintain network security in the cloud that requires:

- Managing enforcement of cloud environment segmentation
- Gathering and maintaining a list of all cloud assets and network security controls across multi-cloud vendors, regions, and accounts from security groups to IaaS and 3rd party firewalls
- Unifying network security policies and consistently enforcing guardrails
- Prioritizing the overwhelming number of risks alerts
- Upholding network related compliance in your cloud environment
- Identifying security issues early in CI/CD pipeline

### Cloud network security under one unified umbrella

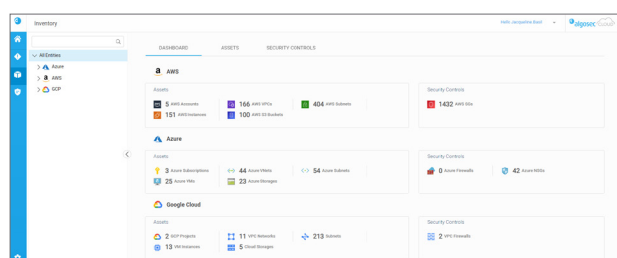
Prevasio network security solves the multi-cloud application network risk identification and security challenges. Prevasio network security enables effective security management of the various security control layers across the multi-cloud estate. It offers instant visibility, over 150 network risk assessment, and central policy management, enabling a unified and secure security control posture, proactively detecting and prioritizing misconfigurations.

### Key business benefits

- Reduce audit preparation efforts and costs by as much as 80%
- Reduce cleanup unused network security rules effort by 30%
- Minimize the attack surface by identifying network risks and the underlying applications affected by these risks
- Deliver business applications into production faster and more secure
- Reduce connectivity risks earlier in the CI/CD process



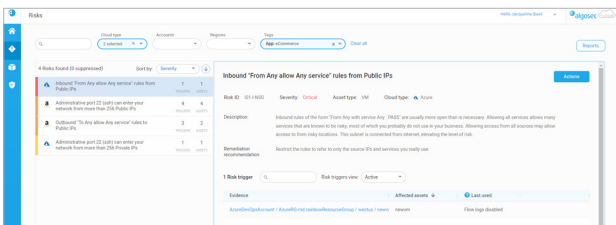
**Continuous visibility.** Prevasio network security provides holistic visibility for cloud accounts assets and network security controls (e.g AWS network security groups, Azure firewall etc.)





**Risk management.** With over 150 network security risk assessment, proactively detect network security misconfigurations to protect cloud assets. Identify risky rules as well as their last usage date and confidently remove them. Tighten overall network security by mapping network risks to applications affected by these risks. For example:

- Allowing Microsoft NetBios services to cross into the network, posing significant risks due to their susceptibility to cyber-attacks and potential exposure of sensitive data.
- Exposing SNMP service to public IP addresses, which can lead to unauthorized access and compromise of network devices.
- Risk associated with SSH service, particularly when administrative access is allowed from too many public IP addresses, increasing the likelihood of unauthorized access and exploitation.



**Compliance.** Identify compliance gaps across your entire multi-cloud network, so you can stay continuously in compliance.



**Central management of security policies.** Manage cloud network security controls, such as security groups and 3rd party firewalls, in one system across multiple clouds, accounts, regions and VPC/VNETs. Manage similar security controls in a single security policy so you can save time and prevent misconfigurations.



**Policy cleanup.** As cloud security groups are constantly adjusted, they can rapidly bloat. This makes it difficult to maintain, increasing potential risk. With Prevasio network security advanced rule cleanup capabilities, you can easily identify unused rules and remove them with confidence.

### Put guardrails in place to protect your cloud network security

Speed up application delivery without compromising security. AlgoSec's infrastructure as code (IaC) connectivity risk analysis helps DevOps teams accelerate application delivery and optimize security. Developers can proactively check for vulnerabilities using this powerful capability before pushing code to a repository.

### Prevasio network security's unique advantages

- Support for third-party firewalls and network security groups
- Adaptive guardrail risk policy
- Over 150 network risks assessments
- Identify unused security rules and have the confidence to remove them

### 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.

