AlgoSec Horizon

Secure application connectivity across your hybrid environment



Solution brief

algosec



Clouds and data centers are converging

In hybrid environments, where data centers and multiple clouds coexist, the convergence of network and security introduces several specific challenges. The integration of these separate domains is necessary to manage the complexities of modern IT infrastructure, but it creates various obstacles that organizations must overcome:

Challenges

Many organizations face inconsistent security across multiple domains, which creates vulnerabilities, increases the risk of data breaches, and makes it difficult to enforce policies uniformly. This fragmentation also complicates compliance efforts, leading to potential violations and legal exposure.

Managing and enforcing security policies across diverse environments often requires manual effort. This introduces human error, delays, and misconfigurations that weaken overall security posture. The lack of automation further amplifies these challenges, making it hard for security teams to respond efficiently and consistently to threats.

Limited visibility into network and security configurations creates blind spots that hinder threat detection and response. These visibility gaps, combined with an expanding attack surface—especially in hybrid environments—provide more opportunities for attackers to exploit weaknesses, particularly at the intersections of misaligned network and security controls.

Finally, the growing complexity of regulatory requirements makes it difficult to maintain continuous compliance. Without streamlined policy alignment and orchestration, organizations risk falling short of legal and industry standards.

Addressing convergence challenges

To effectively manage these challenges, organizations need to adopt solutions that:

- **Integrate network and security management** across cloud and on-premise environments
- Provide **unified visibility and control** over the entire infrastructure
- Enable **automation and orchestration** to reduce manual effort and operational risk
- Enforce **consistent security policies** across both data centers and cloud platforms, with a focus on reducing misconfigurations and compliance risks

At AlgoSec we believe organizations can address these common convergence challenges more efficiently by adopting solutions that unify network and security management across cloud and on-premise systems. An application-centric approach is crucial to this process, as it ensures that both the network and security strategies are aligned with business-critical applications.

AlgoSec Horizon Platform

Secure application connectivity across your hybrid environment

AlgoSec Horizon is the industry's first application-centric security management platform for the hybrid network environment. Gain deep visibility, automate security changes, prioritize risk, and ensure continuous compliance in your datacenter and multi-cloud network:

Visualize application connectivity

Horizon delivers an intuitive, unified view of application traffic across hybrid and multi-cloud environments. It maps traffic flows and dependencies between cloud and on-premise infrastructures, improving decision-making and enhancing proactive risk management.

Automate connectivity and security policies

With Horizon, manual processes are reduced, enabling faster application deployment while ensuring security and compliance. The platform automates policy changes seamlessly across hybrid environments, reducing errors and operational disruptions.

Prioritize risks based on business context

Horizon links security risks directly to business-critical applications. By focusing on the most important risks, organizations avoid alert fatigue and ensure that high-priority issues are addressed first.

Maintain application-centric compliance

Horizon simplifies compliance by automatically identifying policy gaps and streamlining audit preparation, helping security teams efficiently manage compliance requirements across hybrid infrastructures, reducing risk, and saving valuable time.





Horizon platform modules

Horizon Security Analyzer

Find risky rules, firewall cleanup opportunities, and compliance gaps before they create exposure or audit issues.

Horizon FireFlow

Make critical application changes faster, minimize human errors, and keep the business moving with intelligent automation.

Horizon ACE

Extend visibility into the cloud to eliminate blind spots and understand risk, connectivity, compliance, and policy exposure.

Horizon AppViz

Use AI-powered discovery to uncover application dependencies, prioritize risk by business impact, and simplify rule recertification.

Horizon ObjectFlow

Simplify and standardize policy objects to reduce complexity, avoid mistakes, and make security policy easier to manage.

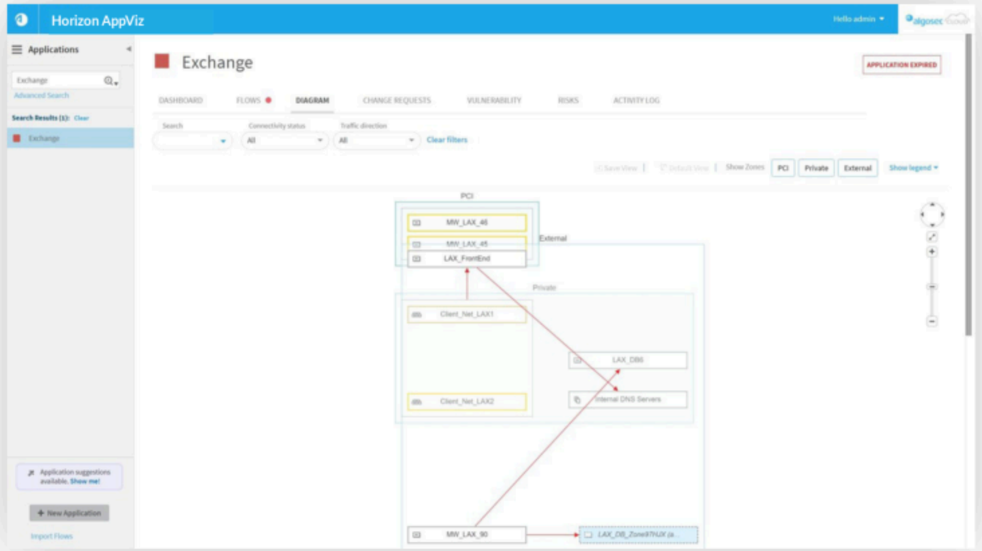
AlgoSec Horizon Platform

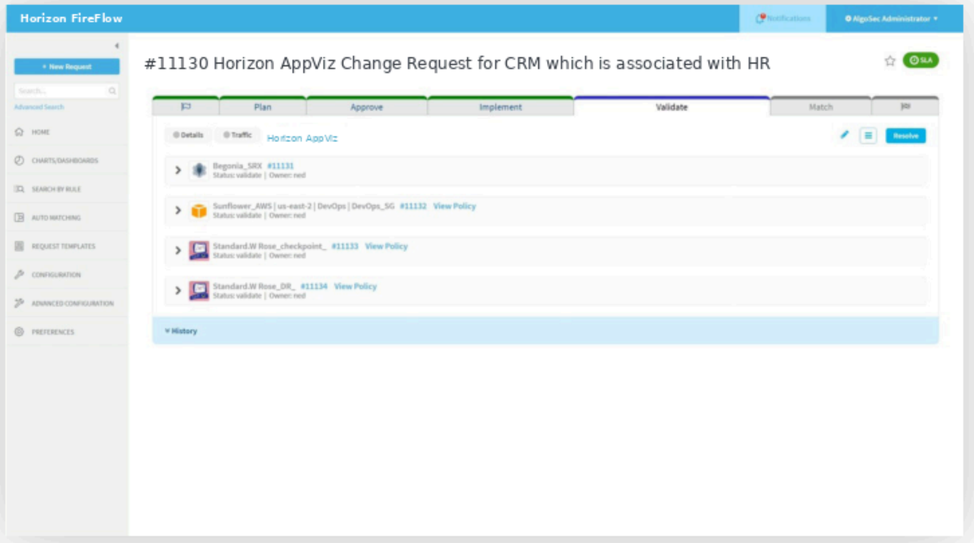
Secure application connectivity across your hybrid environment

The AlgoSec Horizon platform is designed to simplify and automate network security management across hybrid environments. The Horizon solution improves visibility, automates security processes, and enhances the overall security posture of hybrid infrastructures.

Key capabilities:

- **Unified visibility:** Horizon gives teams full visibility into application connectivity and network security policies across hybrid environments, including cloud and on-premise infrastructure. This creates one view of application traffic for faster, data-driven security decisions.

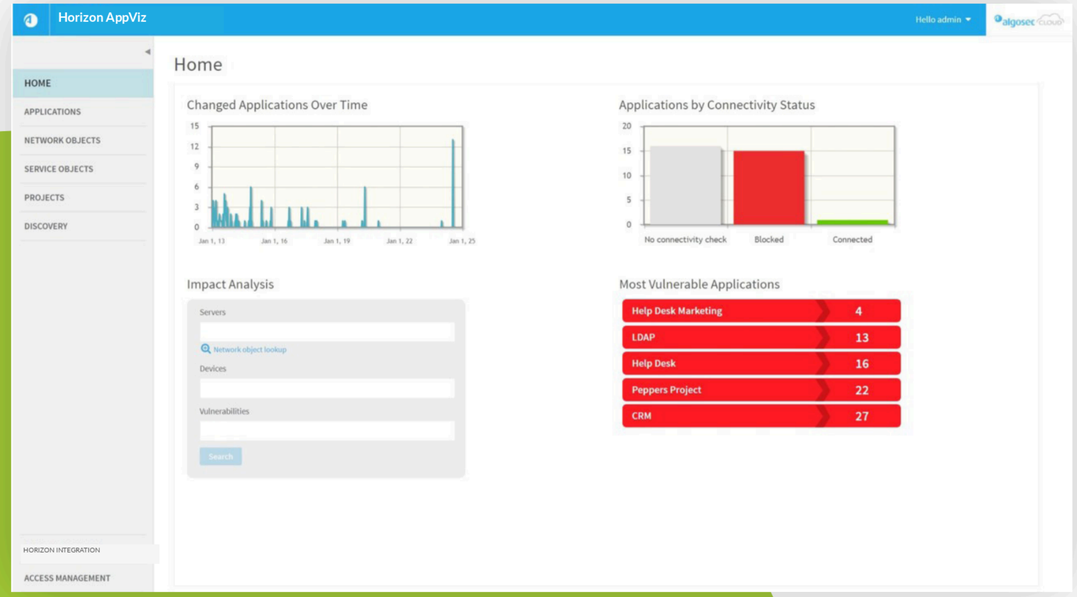


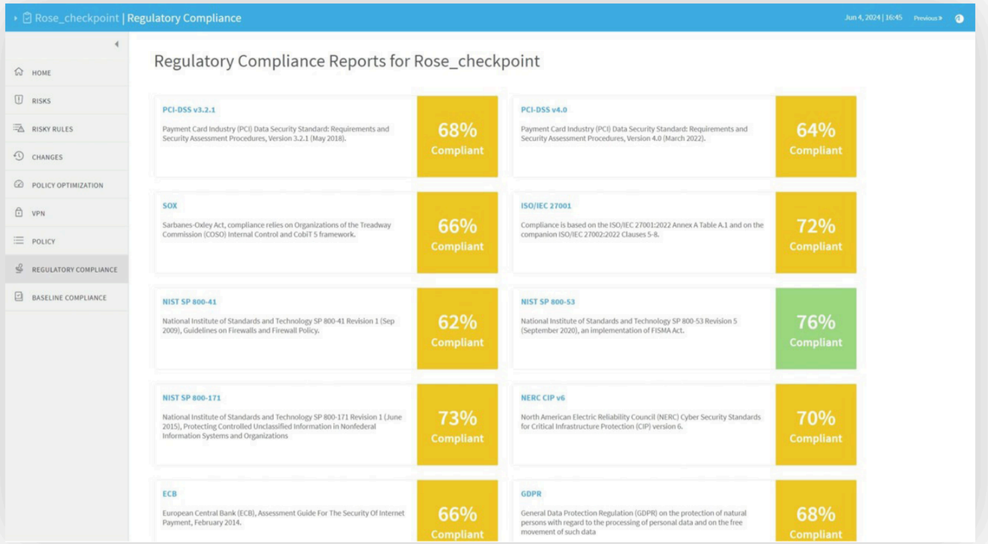


- **Automated security policy management:** Horizon automates policy management, reducing manual tasks and minimizing errors. By applying policies consistently across environments, Horizon accelerates security changes while maintaining compliance.

AlgoSec Horizon Platform - Key capabilities:

- **Risk-based prioritization:** Horizon links security risks and change decisions to the business applications they affect, helping security teams prioritize what matters most and reduce alert fatigue.





- **Continuous compliance management:** Horizon helps security teams maintain compliance by automating policy audits, reporting, and rule recertification across the hybrid network. This streamlines compliance processes and helps teams stay ahead of evolving regulations.

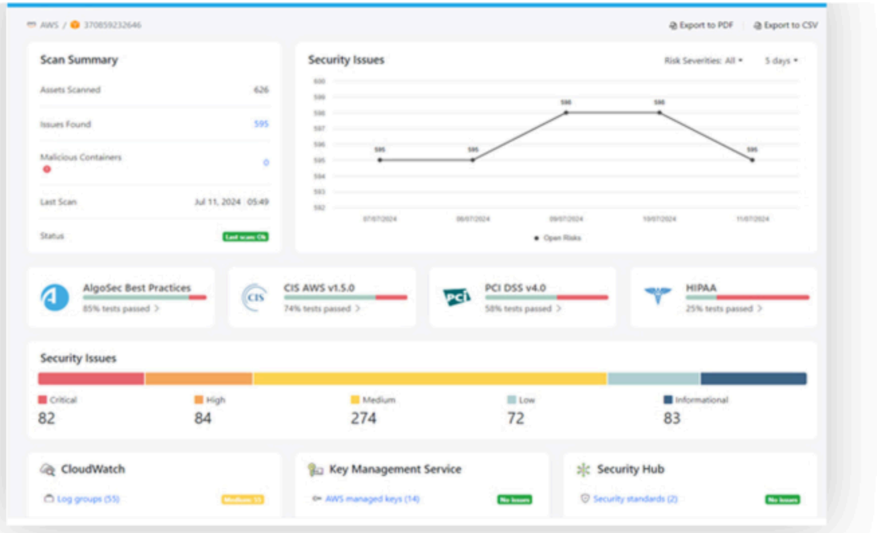
Horizon ACE

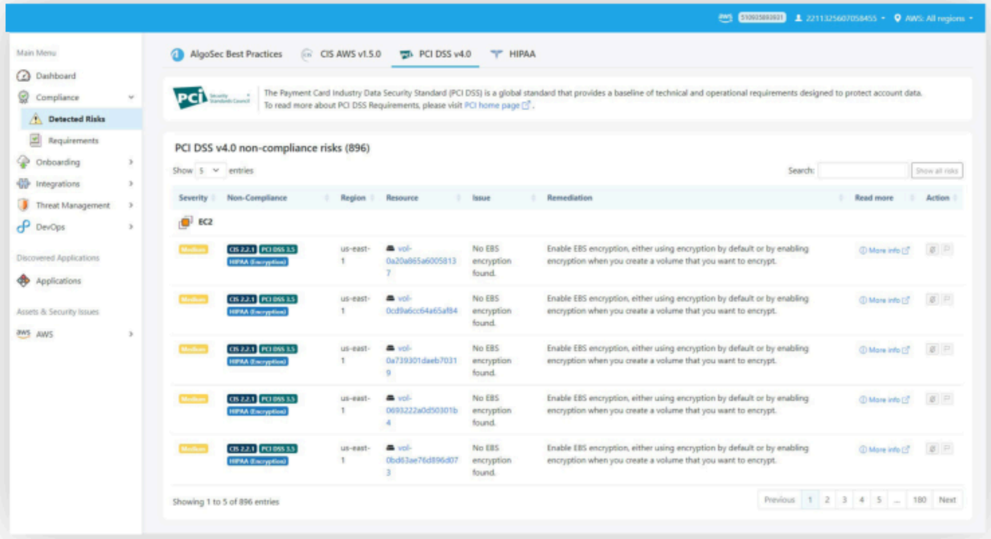
Secure your cloud network

Horizon ACE extends Horizon visibility into the cloud, helping teams eliminate blind spots and understand risk, connectivity, compliance, and policy exposure across multi-cloud environments. As businesses expand across hybrid and cloud-native infrastructures, Horizon ACE helps security teams maintain consistent policies, reduce exposure, and keep cloud applications aligned with business and compliance requirements.

Key capabilities:

- **Comprehensive cloud visibility:** Horizon ACE provides deep visibility into cloud-native application traffic, dependencies, vulnerabilities, and data flows across cloud and on-premise environments. This gives security teams a clearer picture of risk across the hybrid network.



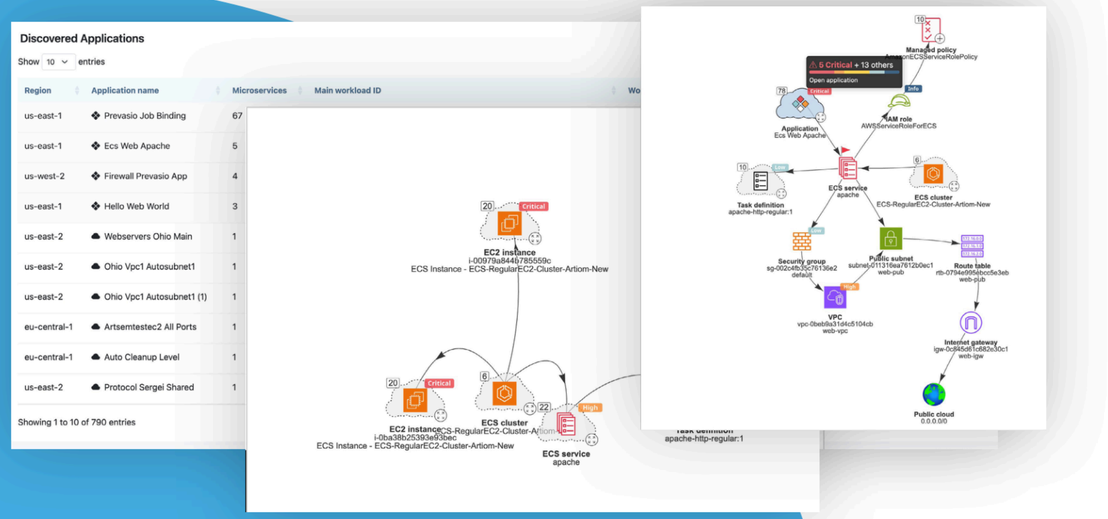


- **Automated security policy enforcement:** Horizon ACE helps automate security policy enforcement across multi-cloud environments, reducing manual intervention and improving consistency across complex cloud infrastructures.

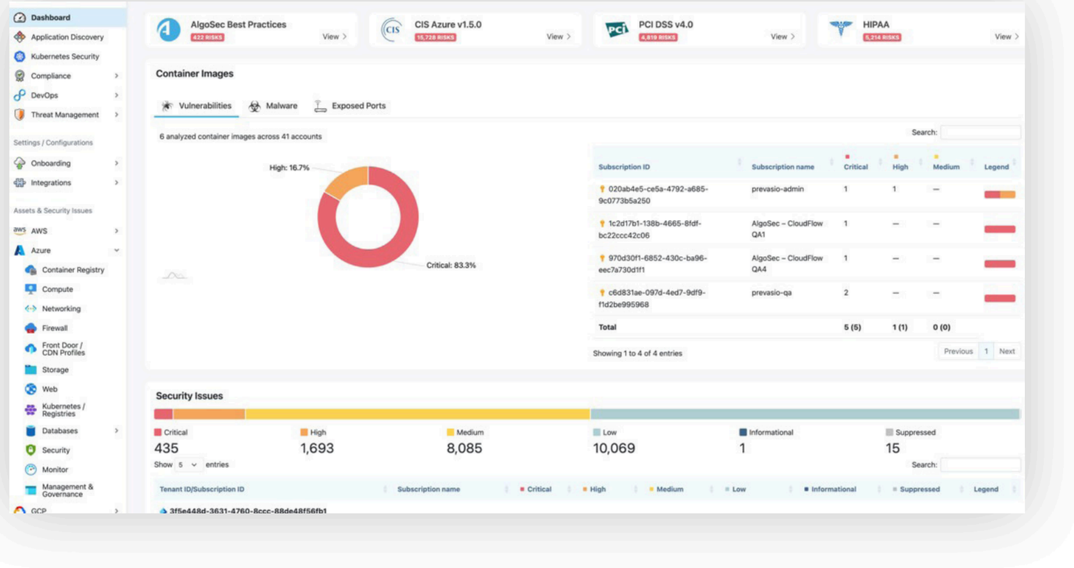
Horizon ACE - Key capabilities:

- **Micro-segmentation for enhanced security:** Horizon ACE supports cloud application segmentation to reduce the blast radius of potential attacks and contain threats. This helps teams secure applications based on business-critical value.

- **Compliance monitoring:** Horizon ACE provides automated compliance monitoring for cloud applications, helping teams identify gaps and support regulations such as PCI DSS and HIPAA. It complements Horizon compliance capabilities with audit-ready reporting across hybrid and cloud environments.



- **Proactive risk management:** Horizon ACE detects vulnerabilities across cloud environments, supply chains, and CI/CD pipelines, helping teams prevent risky workloads from compromising critical applications.



The **AlgoSec Horizon** platform delivers a unified, application-centric approach that spans both on-premise and cloud infrastructures, providing businesses with the tools needed to confidently navigate the complexities of modern network security.

Results with AlgoSec Horizon

Comprehensive visibility

A single-pane-of-glass view across hybrid environments enhances proactive risk management and accelerates troubleshooting

Reduced manual effort and errors

Automation minimizes human error, improves efficiency, and lowers operational costs, freeing teams to focus on high-priority tasks

Risk-based prioritization

Focus on critical risks tied to business applications reduces alert fatigue and improves incident response times

Continuous compliance

Automated compliance management ensures adherence to evolving regulations, reducing audit failures and the manual compliance burden

Faster application delivery

Intelligent automation accelerates deployments, reduces downtime, and helps businesses stay agile and competitive

Horizon enhances visibility, automates processes, strengthens security, and accelerates compliance and application delivery, **leading to greater agility and reduced risk**

About AlgoSec

AlgoSec, a global cybersecurity leader, empowers organizations to securely accelerate application delivery up to 10 times faster by automating application connectivity and security policy across the hybrid network environment.

With two decades of expertise securing hybrid networks, over 2200 of the world's most complex organizations trust AlgoSec to help secure their most critical workloads.

AlgoSec Horizon platform utilizes advanced AI capabilities, enabling users to automatically discover and identify their business applications across multi-clouds, and remediate risks more effectively. It serves as a single source for visibility into security and compliance issues across the hybrid network environment, to ensure ongoing adherence to internet security standards, industry, and internal regulations.

Additionally, organizations can leverage intelligent change automation to streamline security change processes, thus improving security and agility.

Learn how AlgoSec enables application owners, information security experts, SecOps and cloud security teams to deploy business applications faster while maintaining security at www.algosec.com.



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