

DATA SHEET

Fidelis CloudPassage Halo[®] Cloud Secure[™]

Agentless Cloud Security Posture Management at any Scale

Misconfiguration is the biggest cloud security threat—a fact recognized by 71% of security professionals¹. Fidelis CloudPassage Halo[®] Cloud Secure[™] provides automated discovery, inventory, and assessment of IaaS and PaaS assets, and delivers security and compliance issues directly to system owners in real-time. With Fidelis Cloud Secure, you can accelerate your remediation process, shrink the attack surface, and maintain continual compliance across your multi-cloud environment at any scale.

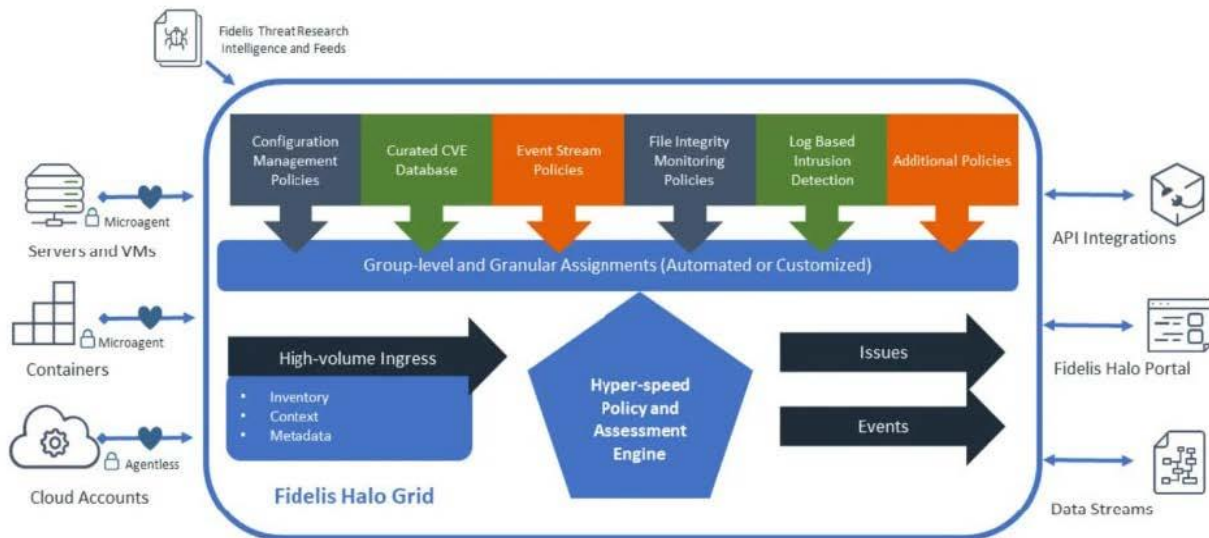
What is Fidelis Cloud Secure?

Fidelis Cloud Secure is an agentless, Software-as-a-Service (SaaS) cloud security posture management (CSPM) service. Used stand-alone or in conjunction with Fidelis Server Secure[™] and Fidelis Container Secure[™], Fidelis Cloud Secure automates the discovery, inventory, and assessment of IaaS and PaaS resources for Amazon Web Services (AWS), Google Cloud Platform (GCP), and Microsoft Azure. With hundreds of out-of-the-box policies and rules—many of

which can be customized—Fidelis Cloud Secure shrinks the attack surface by alerting asset owners to misconfigurations, configuration drift, and unauthorized changes in real-time. Armed with best-practice remediation advice and scripts that accelerate automated remediation, asset owners and security defenders can ensure continuous compliance with CIS benchmarks, industry best practices, and regulatory standards.

¹ Cybersecurity Insiders, “2021 AWS Cloud Security Report”

Fidelis Halo Carries the Load of Security Processing



Fast, Automated CSPM that is Made for Multi-Cloud

Fidelis Cloud Secure continually inventories, assesses, and monitors IaaS and PaaS services, assets, and control planes in public and multi-cloud environments.

Agentless CSPM with Fidelis Cloud Secure

Fidelis Cloud Secure is the means to establish and maintain a strong IaaS and PaaS security posture automatically—without agents.

- **Automated discovery and inventory:** within minutes of connection and continually thereafter, so you always know what you have in your cloud environments.
- **Automated monitoring and assessment:** to catch misconfigurations, configuration drift, and unauthorized changes in real-time across IAM services, virtual machine images, networks, storage services, database services, logging and monitoring services, serverless functions, key management services, DNS services, infrastructure-as-code services, API management services, web applications, certificate services, container registry services, container services, and managed Kubernetes services.
- **Continuous compliance:** with the latest CIS Benchmarks, evolving industry best practices, and regulatory compliance standards (i.e., PCI, HIPAA, SOX, etc.).
- **Expert remediation advice:** and automation scripts delivered directly to asset owners to accelerate manual fixes and enable automated remediation implementation.
- **Remediation tracking:** to track problems from the point of discovery through resolution and at each step in between.
- **Integration with SIEM tools:** for long-term storage and correlation of events from other devices.

Fidelis Halo Platform Features

Whether you are using Fidelis Cloud Secure as a stand-alone service or as part of the Fidelis Halo platform, you benefit from Fidelis Halo's simplified management and easy operations.

- **Enterprise access control:** allows Fidelis Halo administrators to limit visibility for operators based on organizational business units, applications, or projects.
- **Role-based access control:** provides varying levels of permissions based on the roles of site administrator, group administrator, standard user, and auditor.
- **Enterprise-class authentication:** to configure password requirements, multi-factor authentication (MFA), and single sign-on (SSO), as well as restricting Fidelis Halo access to specific IP addresses.
- **Activity auditing:** records all user and API client activities for compliance and auditing purposes and stores historical information about Fidelis Halo logins, updates to settings, policy changes, and other activities.
- **Unified view:** of assets, security issues, events, and compliance findings all under a single pane of glass, with extensive search capabilities, including more than 40 data attribute filters that can be combined into powerful views.
- **Contextual alerting:** reduces alert fatigue by targeting users for email alerts based on issue criticality and asset owner.
- **Customizable policy interface:** starts with hundreds of policies and tens of thousands of rules, and allows security operators to customize from templates or apply new policies from scratch.

Fidelis Cloud Secure Advantages

Fast and Automated

Made on the cloud, for the cloud, Fidelis Cloud Secure works in real-time to keep up with fast-moving, ephemeral environments.

Nothing to Install

With no agents and no service degradation, your posture management doesn't impact cloud workloads or inflate your cloud budget.

Decreased Exposure Times

Find critical risks that other tools miss with automated discovery, and detect and remediate risks faster with manual, scripted, or automatable remediation workflows.

Automated Communication

Deliver configuration security issues, along with best-practice guidance, directly to asset owners in real-time and through the tools they already use.

DevSecOps-Ready

Shift left to automate security assessments across common CI/CD tools and integrate with SIEM and SOAR tools to aggregate and analyze security posture management data.

Continuous Compliance

Address compliance issues as they're discovered, rather than during an audit or as a list-minute fire drill.

Comprehensive

When used as part of the Fidelis CloudPassage Halo platform, Fidelis Cloud Secure offers valuable CSPM intelligence on top of workload protection from Fidelis Server Secure and container security from Fidelis Container Secure.

- **REST API:** automates security by managing Fidelis Halo through API endpoints for issues, events, assets, policies, users, administrative settings, and more.
- **Centralized framework:** offloads the "heavy lifting" of data aggregation, security analysis, and alerting to a centralized grid to conserve your cloud resources.
- **Developer tools:** provides CI/CD pipeline integration connectors, software development kit (SDK), along with a GitHub library of example code to accelerate integration and automation.

Cloud-Native CSPM for IaaS and PaaS Resources

Amazon Web Services (AWS)	Microsoft Azure	Google Cloud Platform (GCP)
<ul style="list-style-type: none"> • API Gateway • CloudFormation • CloudTrail • EC2 instances, AMIs, security groups, and load balancers • ECR repositories • ECS clusters and containers • EKS clusters • Elastic Beanstalk • IAM groups, users, roles, and policies • KMS encryption keys • Lambda functions • Macie • RDS DB instances, snapshots, and security groups • Route 53 hosted zones and domains • S3 buckets • VPC networks, ACLs, subnets, and peering connections 	<ul style="list-style-type: none"> • Azure Active Directory • Application Gateway and load balancing services • Azure Compute • Azure AD guest users • Key Vault encryption key service • SQL Servers • Storage Accounts • Azure Network security groups, load balancers, and network watcher • Azure Functions • Azure Web Apps • ACR • AKS 	<ul style="list-style-type: none"> • Cloud Identity and Access Management (IAM) • Virtual Private Cloud (VPC) • Compute Engine • Cloud Storage • Cloud Logging • Cloud Monitoring • Cloud Key Management Service (KMS) • Cloud DNS • App Engine • Big Query

Fidelis Cloud Secure Use Cases

- Public Cloud Adoption
- Multi-cloud Adoption
- Cloud Visibility
- Configuration Compliance
- Regulatory Compliance
- DevOps/DevSecOps
- Cloud Transformation
- New Cloud Service Adoption

Read the [Fidelis Cloud Secure Solution Brief](#)



About Fidelis Security

Fidelis Security® is the industry innovator in proactive cyber defense, safeguarding modern IT for global enterprises with proactive XDR and CNAPP platforms. Fidelis Security consolidates IT security operations to shrink attack surfaces, automate threat detection, and accelerate analysis, forensics, and response so that organizations remain resilient through cyber-attacks and emerge stronger and more secure. Fidelis Security is trusted by top commercial, enterprise, and government agencies worldwide.