CloudPassage

Your Cloud Servers Are Under Attack. How Can You Tell?

Instant visibility, anywhere, at any scale.

THE VISIBILITY CHALLENGE

Exploding threats and attacks against private, public and hybrid cloud workloads put enormous pressure on enterprises trying to maintain visibility into their compute infrastructure. Traditional security tools simply don't work well in this dynamic environment.

The fact is, traditional security solutions have a heavy footprint on each workload so they do not scale well. And they don't automatically deploy on systems that are spun up. So organizations end up picking and choosing which servers receive a full set of security tools. This leaves the majority of their cloud servers vulnerable to attack with no way to see it coming. To gain complete visibility would require endless hours of manual labor, a burden on virtual server performance and a logistical nightmare of multiple tools.
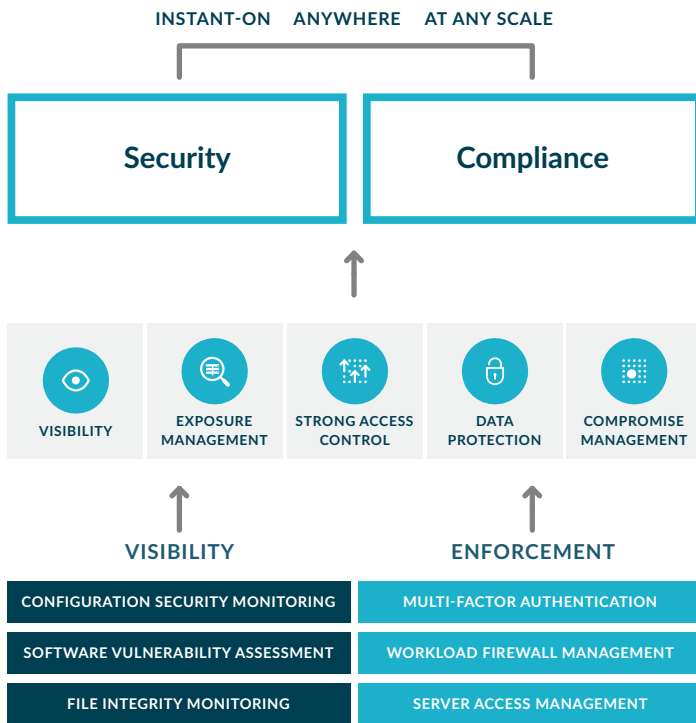
CLOUDPASSAGE HALO

CloudPassage® Halo® is an agile security and compliance platform that works across any cloud or virtual infrastructure: public, private, hybrid, multi-cloud or virtualized data center—including bare metal. It's unique because the platform provides continuous visibility and enforcement delivered as a service, so it's on-demand, fast to deploy, fully automated and works at any scale.

The platform delivers a comprehensive set of features that allow you to maintain complete visibility into all of your systems with a single user interface. By making the agents ultra-lightweight and non-disruptive, they can be deployed on every server instance, everywhere. The agents can be deployed through scripts or orchestration tools, or manually—even on live systems without reboot. With Halo, you receive key security events, see any systems left exposed to newly discovered vulnerabilities across your enterprise, discover misconfigurations and get alerted if any workloads are being tampered with.

With a rich set of integration API's, you can also leverage any existing security monitoring investments you've already made to ensure continuous visibility and compliance.

THE POWER OF HALO

- **Continuously Monitor Systems.** Seamlessly monitor system & account configurations.

- **Automatically Discover Vulnerabilities.** Scan all systems for software vulnerabilities at the cadence that works for you.

- **Automate Threat Containment.** Discover threats sooner, react faster, isolate and contain automatically.

- **Consistently Detect Unauthorized Or Malicious Changes.** Track and monitor system modifications by unauthorized sources.

- **Alert On Events.** Feed critical security events into alerts or SIEM tools.

- **Reduce Costs & Improve Efficiency.** Automated deployment, single pane of glass for reporting and management reduces manual effort.

- **Consolidate Multiple Products.** Combat "Tool Fatigue" with a single platform that can replace point products.

INSTANT-ON   ANYWHERE   AT ANY SCALE

Security   **Compliance**

VISIBILITY

EXPOSURE
MANAGEMENT

STRONG ACCESS
CONTROL

DATA
PROTECTION

COMPROMISE
MANAGEMENT

VISIBILITY   **ENFORCEMENT**

CONFIGURATION SECURITY MONITORING	MULTI-FACTOR AUTHENTICATION
SOFTWARE VULNERABILITY ASSESSMENT	WORKLOAD FIREWALL MANAGEMENT
FILE INTEGRITY MONITORING	SERVER ACCESS MANAGEMENT

ABOUT CLOUDPASSAGE

CloudPassage® Halo® is the world's leading agile security platform that empowers our customers to take full advantage of cloud infrastructure with the confidence that their critical business assets are protected. Halo delivers a comprehensive set of continuous security and compliance functions right where it counts—at the workload. Our platform orchestrates security on-demand, at any scale and works in any cloud or virtual infrastructure (private, public, hybrid or virtual data center). Leading enterprises like Citrix, Salesforce.com and Adobe use Cloud-Passage today to enhance their security and compliance posture, while at the same time enabling business agility.

FEATURES

· **Configuration Security Monitoring:** Evaluate new and re-activated servers against the latest configuration policies in seconds with almost no CPU utilization. Halo automatically monitors operating system and application configurations, processes, network services, privileges and more.

· **Multi-Factor Network Authentication:** Keep your server ports hidden and secure while allowing temporary on-demand access for authorized users. Halo supports secure remote network access using two-factor authentication (via SMS to a mobile phone, or using a YubiKey®) with no additional software or infrastructure.

· **Software Vulnerability Assessment:** Scan thousands of server configuration points in minutes to maintain continuous exposure awareness in the cloud. Halo automatically scans for vulnerabilities in your packaged software—across all of your cloud environments.

· **Workload Firewall Management:** Easily deploy and manage dynamic firewall policies across all cloud environments. Build firewall policies from a simple web-based interface, and assign them to groups of servers. Policies update automatically within seconds of server additions, deletions and IP address changes.

· **File Integrity Monitoring:** Protect the integrity of your cloud servers by constantly monitoring for unauthorized or malicious changes to important system binaries and configuration files. Halo first saves a baseline record of the "clean" state of your cloud server systems. It then periodically re-scans each server instance and compares the results to that baseline. Any differences are logged and reported to the appropriate administrators.

· **Server Access Management:** Easily identify invalid or expired accounts. Halo enables you to evaluate who has accounts on which cloud servers, what privileges they operate under and how accounts are being used. You can monitor all your cloud servers through a single online management console.

· **Event Logging & Alerting:** Easily manage and detect a broad range of events and system states. Halo enables you to define which events generate logs or alerts, whether they are critical and who will receive them.

ORCHESTRATION SERVICES

CloudPassage Halo is built on the principles of abstraction, automation, orchestration, automatic scalability and API enablement, all essential capabilities required for securing dynamic cloud infrastructure. Customers have the option to set up automated, hands-free security provisioning through the Halo portal or by using other popular orchestration tools.

INTEGRATIONS

The CloudPassage Halo platform supports an open, RESTful API that makes it easy to integrate with a range of security and operational solutions. Check our website for the latest list of tested integrations.