

## CASE STUDY

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# CLOUDPASSAGE ENABLES SECURITY FOR THE CENTRIFY DEVOPS TEAM WITH VULNERABILITY ASSESSMENT AND REPORTING, WHILE PROVIDING COMPLIANCE REPORTING

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## About Centrify

Centrify delivers Zero Trust Security through the power of Next-Gen Access. Centrify verifies every user, validates their device and limits the amount of access and privilege to resources while continually learning & adapting. Centrify Next-Gen Access is the only industry-recognized solution that uniquely converges Identity-as-a Service (IDaaS), enterprise mobility management (EMM) and privileged access management (PAM.) Over 5,000 worldwide organizations, including over half the Fortune 100, trust Centrify to proactively secure their businesses.

“As a company that provides Zero Trust Security across a multitude of industries, compliance is our biggest concern, followed closely by needing excellent visibility tools that provide insight into our current DevOps practices”

**Ram Reddy**  
*VP of Product Operations*

## The challenge

Centrify needed to integrate security into their DevOps process, so vulnerability assessments could be evaluated prior to placing upgrades into production. Centrify also needed to prepare for the Federal Risk and Authorization Management Program (FedRAMP) and the Service Organization Control (SOC 2) compliance audits.

Centrify is known for their Identity Services and Zero Trust Security model, which they use to protect identities as they access applications, endpoints and infrastructure – both on-premise and in the cloud. Their services verify every user, validates their device and limits the amount of access and privilege to resources while continually learning and adapting. Centrify wrestles with the challenge of scaling quickly to serve over 5,000 clients, which include over half the Fortune 100 and companies.

“As a company that provides Zero Trust Security across a multitude of industries, compliance is our biggest concern, followed closely by needing excellent visibility tools that provide insight into our current DevOps practices” said Ram Reddy, VP of product operations.

Centrify was searching for a product that could integrate into the organization’s CI/CD workflow – which includes the Jenkins and SaltStack toolsets – so assessments could take place prior to updates being pushed into production. Centrify was also in need of a solution that provided detailed vulnerability management and reporting tools, enabling the team to prepare for the Federal Risk and Authorization Management Program (FedRAMP) and the Service Organization Control (SOC 2) compliance audits.

Prior to deploying CloudPassage Halo, Centrify used three different products for compliance checks, configuration management, and vulnerability detection and analysis.

## The CloudPassage solution

Centrify deployed CloudPassage Halo and employed Halo's vulnerability management and reporting in order to prepare for the FedRAMP and Soc2 compliance audits. Centrify integrated the Halo API into Jenkins and SaltStack, integrating Halo directly with their DevOps processing.

Centrify immediately began employing all CloudPassage Halo modules including: software vulnerability assessment, configuration security monitoring, server account monitoring, file integrity monitoring, and log-based intrusion detection. The team used Halo's API to integrate Halo with Jenkins and SaltStack, working with the CloudPassage customer success team to customize the Halo platform to their specific security policies.

With the Centrify DevOps team already deploying updates across public cloud workloads within minutes, Reddy specifically chose CloudPassage Halo because the lightweight Halo agent would not interrupt the processes that had been already established, but rather would integrate with and monitor his DevOps team's CI/CD workflow.

As a company constantly works to improve and continually minimize the attack surfaces of other enterprises, it was critical that any and all of Centrify's machine security posture be evaluated prior to placing updates into production.

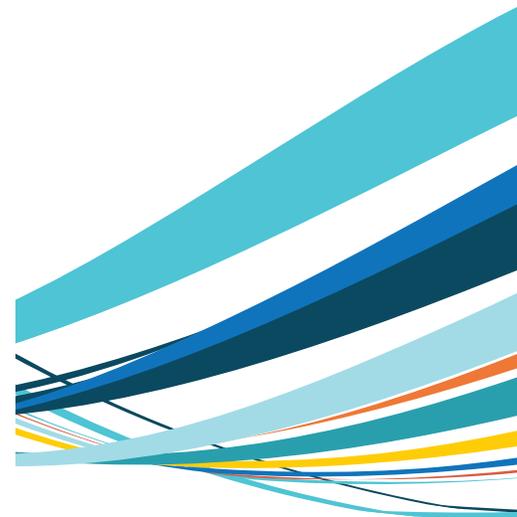
"CloudPassage Halo is a feature-rich product that integrates well with our CI/CD pipelines and other workloads, there are so many benefits you can reap with Halo," continued Ram. "We use every Halo module, and especially rely on its detailed reporting capabilities."

## The results

Security has been baked into Centrify's CI/CD pipeline. Centrify has full visibility into all workloads and is able to ensure that their work is within compliance, well before any audits take place.

Since its implementation the CloudPassage Halo platform has been customized in order to prepare Centrify for the FedRAMP and SOC 2 compliance audits. "We regularly take advantage of the vulnerability assessment and configuration management portions of the Halo platform," said Reddy.

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Centrify has used the Halo API to integrate with Jenkins and SaltStack, ensuring that the platform is fully integrated into all workloads and the work of their DevOps team. Centrify is currently deploying CloudPassage Halo across hundreds of workloads.

“CloudPassage Halo’s integration into Centrify’s CI/DC DevOps pipeline allows us to evaluate, monitor, and maintain our cloud workload host security posture in real time and before we put new servers into production. This gives us the confidence that we are continually shipping hardened VMs that conform to our security policies and our compliance requirements, so that we are providing the best identity security solution to our customers.”

## ABOUT CLOUDPASSAGE

Founded in 2010, CloudPassage® was the first company to obtain a U.S. patent for universal cloud infrastructure security and has been a leading innovator in cloud security automation and compliance monitoring for high-performance application development and deployment environments. CloudPassage Halo® is an award-winning workload security automation platform that provides universal visibility and continuous protection for servers in any combination of data centers, private/public clouds and containers. The Halo platform is delivered as a service, so it deploys in minutes and scales effortlessly. Fully integrated with popular infrastructure automation and orchestration tools such as Puppet and Chef, as well as leading CI/CD tools such as Jenkins, Halo secures the enterprise where it’s most vulnerable—application development and workload deployment. Today, CloudPassage Halo secures the critical infrastructure of many of the leading global finance, insurance, media, ecommerce, high-tech service providers, transportation and hospitality companies.

[www.cloudpassage.com](http://www.cloudpassage.com) | 800.215.7404

**CloudPassage**

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