

Crest Data Systems Improves Information Sharing and Security



THE OVERVIEW

Crest Data Systems strives to help customers build cutting-edge solutions that help them outperform their competition and stay ahead of the innovation curve. With diverse experience in successful startups as well as global corporations, Crest's team understands the meaning of "Enterprise Software" and the security, compliance, scale, and reliability metrics associated with the term.

THE CHALLENGE

As the go-to company for integrations and hosting services, Crest's success comes with challenges. The most important is guaranteeing the confidentiality of client data and workloads supported on Crest's deployments in AWS. The company's large customer base includes a variety of businesses, so putting effective walls in place between data and potentially competitive system tenants is a priority.

Also critical is protecting its systems against cyberattacks. As Malhar Shah, CEO of Crest Data Systems, explains: "Protecting our operations and sensitive data against attacks is paramount to maintaining customer trust and loyalty."

With the rise of remote working following the pandemic, meeting these challenges has become more difficult. A distributed workforce requires a distributed security perimeter, which by nature is harder to secure than traditional, centralized office environments.

Crest needed to find a reliable way to protect against data leakage in this new world without affecting the user experience. Indeed, as an AWS shop, Crest was looking for a solution that would work seamlessly with AWS services and empower its people to make the most of these systems.

THE SOLUTION AND IMPLEMENTATION

Integrating threat intelligence across Crest's entire AWS footprint

As an AWS Advanced Partner, Netskope was selected as the ideal company to help Crest meet their data integrity requirements. Today, Crest ensures against data loss with the Netskope Next Gen Secure Web Gateway (NG SWG), which provides adaptive policy controls for data movement. Netskope NG SWG enables Crest to identify data moving from managed to personal instances of applications and cloud services, helping to detect and block potentially malicious insiders and data theft.

Crest has also implemented Netskope Cloud Exchange (CE), which provides integration capabilities that allow Crest to make the most of its investments in AWS tools and services. A container-based solution that runs on AWS Fargate, Netskope CE helps Crest to improve security posture and reduce TCO by ingesting and sharing information with AWS services such as AWS CloudTrail, Amazon CloudWatch, and other security tools.

About Crest Data Systems



Founded in 2013, Crest Data Systems is a leading solutions provider in data analytics, security, DevOps, and cloud with expertise across Amazon Web Services (AWS), Cisco, VMware, and Microsoft systems to name a few.

Crest's more than 100 customers include Fortune 500 companies as well as some of the most innovative brands in the world. The company provides 24/7 operations worldwide, specializing in integrations, integration ecosystems, and consulting.



As Shah explains: "Netskope Cloud Exchange provides powerful integration tools that automate sharing of threat information such as IoCs [indicators of compromise] from Amazon CloudWatch, malicious URLs, malware file hashes, and DLP [data loss prevention] file hashes. CE allows us to distribute this information across our operations in near real-time which we can then consolidate into actionable alerts and notifications."

Crest has also integrated Netskope CE with Jira, their chosen product management software, which enables the automated generation and mapping of tickets for service issues.

THE RESULTS

Boosting performance, insights, and efficiency through integrations

Netskope NG SWG delivers the protection and partitioning capabilities that Crest needs to ensure the integrity and security of client data. The data loss prevention capabilities that come with NG SWG give Crest peace of mind that it can maintain the trust of customers even across a distributed working environment.

Meanwhile, Netskope CE is providing significant benefits through the high level of integration across the AWS services that Crest utilizes. Shah comments: "Netskope Cloud Exchange allows us to leverage existing security investments, for example by importing log events from Netskope Next Gen SWG and AWS CloudTrail to our Splunk SIEM [security information and event management] tool. This enables our security team to conduct timely and detailed investigations into security events for rapid remediation and strengthening of our security posture."

By achieving such deep levels of integration across AWS services, Crest is leveraging the same benefits it extolls to clients; namely, improved efficiency and performance. Doing so, Crest is able to better leverage the potential of AWS services, empowering employees to work optimally while helping to increase the security posture of their business.

About Netskope

Cloud transformation and work from anywhere have changed how security needs to work. Netskope sees and understands these changes and works with you to protect people and data anywhere they go, no matter what.

