Revation SYSTEMS

Revation Systems is a leader in cloud-based health, banking, and communication services. It believes in the power of human relationships and that innovation in communication will connect people to help live healthier lives and achieve financial security. The company has a passion for making the complex simple and embracing risk to deliver great results.

Juniper contact
Tory Teague tteague@juniper.net

Overview

Business Outcomes

- Security
- Ease of use and deployment
- Flexibility
- Simplicity of running security in the AWS cloud
- One-touch click to purchase

Use Cases & Security Services

- L4-L7 Security
- Intrusion protection
- Anti-malware
- App security
- App identification
- Load balancing
- Scalability
- SOC and NOC integration

AWS Services

- Amazon Key Management Service (KMS)
- Amazon CloudWatch
- Amazon GuardDuty
- AWS Security Hub
- Amazon Elastic Load Balancer
- Amazon EC2 Auto Scaling

Revation leverages the Juniper vSRX to deliver security in the AWS cloud

Customer Challenge

Revation Systems is a cloud-based health, banking, and communication services leader. Revation believes in the power of human relationships and that innovation in communication will connect people to help them live healthier lives and achieve financial security. The company is passionate about making the complex simple and embracing risk to deliver great results.

Due to the nature of their business and regulatory standards, Revation needed to secure IPsec connectivity with high availability between their on-prem data center and AWS. They also needed to ensure compliance with industry standards and continuously monitor for malicious activity by leveraging more native AWS security services.

In short, Revation needed to deliver resiliency and redundancy for their business and customers.

Solution

Revation leverages a pay-as-you-go licensing plan to gain Next-Generation Firewall capabilities such as intrusion prevention, anti-malware, application security, and application identification. Juniper's vSRX solution provides the flexibility to fully integrate with AWS services such as Amazon CloudWatch, AWS Security Hub, Amazon Elastic Load Balancer, and Amazon GuardDuty, enabling Revation's customers to automatically scale while experiencing high volumes of traffic and business growth.

Revation employs the Juniper vSRX solution to share and consume information in a common AWS environment. vSRX, combined with the Amazon Key Management System, is used to protect the cryptographic keys and secure IPSec connectivity between on-prem and AWS, the data at rest in vSRX, and the device itself. Amazon Security Hub provides a comprehensive view of the customer's security state within AWS that helps them check security compliance per industry standards and best practices. Juniper's SecIntel with Amazon GuardDuty enables threat detection that continuously monitors malicious activity and unauthorized behavior to protect AWS accounts, workloads, and data stored in Amazon S3.
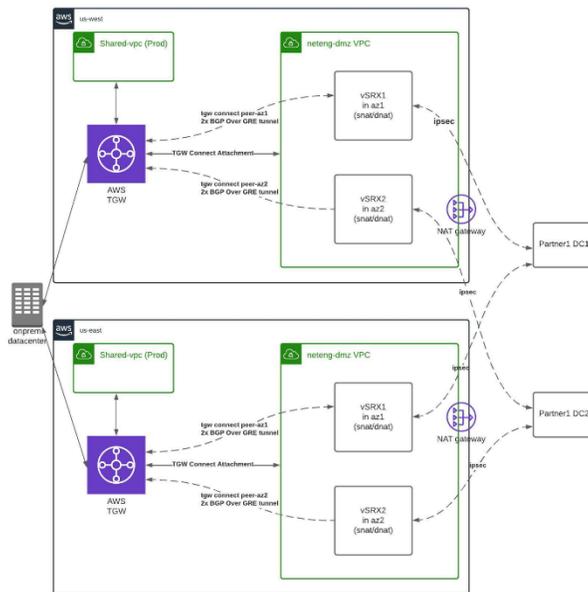
Results

This combined cloud solution delivers security via a single product, providing automation and integration into SOCs and NOCs. For AWS deployments, Revation leverages Juniper's full networking stack for data centers, automation suites, deployment capabilities, and back office.

"We leverage vSRX to manage security policy for both on-premises and within the AWS cloud," says Perry Price, CEO at Revation. "Reducing overhead and simplifying management helps maintain a consistent security posture across our network."

The AWS Marketplace provided the agility and transaction speeds required by Revation to secure workloads and infrastructure quickly.

Revation's AWS deployments have secure connectivity delivered in active/standby high availability mode over the internet to an on-prem data center from AWS. Revation quickly secured workloads and infrastructure against zero-day attacks and threats by leveraging the ease and power of purchasing through the AWS Marketplace.