How Midsize Companies Can Enjoy Enterprise-Grade Cloud Data Security

phoenixNAP's Data Security Cloud is a secure, hosted cloud infrastructure platform built through strict virtualization and segmentation controls

Designing, building, and maintaining an enterprise-grade security infrastructure is beyond the means of most small and midsize companies as they extend their capabilities with cloud services.

Many organizations are understaffed and lack critical advanced security skills. Few can find or afford the security staffing skills needed to ensure their data is fully protected across their physical and virtual organizations.

Offering general security and availability protections for multi-tenant environments, hyperscale cloud service providers may send customer alerts on actions or threats to the cloud service itself. However, those alerts don't extend beyond their service. The customer is responsible for what is happening at its computing endpoints, on-premises servers, in its hypervisors, and with other cloud service providers it may be relying upon.

Managed security services providers (MSSPs) can fulfill some security needs such as cybersecurity monitoring and management for both on-premises and cloud workloads. But they may not control or have full visibility into the customer's underlying cloud infrastructure. MSSPs offer differing types and levels of service. As a result, businesses may be shouldering added costs while still not being fully protected.

Data Security Cloud

phoenixNAP offers companies an affordable choice that delivers the benefits of in-house security design at a multi-tenant, cloud-based resource model.
The Data Security Cloud integrates virtual machine and data protection at both the hardware and software level.

Using a hardened OS, deep packet inspection, and sandboxing, customer workloads are protected against the world's most Advanced Persistent Threats and Zero-Day attacks. Sophos and Alert Logic security solutions are directly integrated to provide always-updated threat intelligence feeds, anti-virus and vulnerability scanning, end-point protection, and other features.

phoenixNAP and VMware

Utilizing VMware's NSX Network Virtualization and Security Platform, phoenixNAP provides micro-segmentation and advanced network configuration to increase the internal security of a customer's computing platform, limiting the impact of a single server breach from spreading laterally.

"phoenixNAP prescribes to the standards of the VMware Cloud Verified service, and that's really important for hybrid cloud deployments and customers who are looking for a level of service assurance," says William Bell, executive vice president of products, phoenixNAP Global IT Services. "We can isolate a virtual machine, start a backup restoration, and put it on a new network segment, then let the customer decide whether to use that backup or continue to use the original VM."

The advanced cloud data security provided by phoenixNAP alleviates the need to buy hardware, license software, hire IT professionals, and deploy systems to manage and monitor your infrastructure. For more information, go to www.phoenixnap.com/security/data-security-cloud.