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CAVEONIX OFFERS A HYBRID CLOUD RISK AND COMPLIANCE MANAGEMENT SOLUTION FOR VMWARE CLOUD PROVIDER PARTNERS

Caveonix
RiskForesight™

INDUSTRY
TECHNOLOGY

LOCATION
FALLS CHURCH, VIRGINIA

KEY CHALLENGES
• Managing compliance requirements in an era of proliferating hybrid clouds
• Minimizing risks from cloud security threats
• Reducing friction for customers' journeys to the cloud

SOLUTION
Caveonix partnered with the VMware Cloud Provider™ Program as an ISV partner to provide a hybrid cloud risk and compliance management solution as a service, making its unified platform available on a rental basis to enterprise customers through VMware Cloud Provider Program partners.

BUSINESS BENEFITS
• Mitigates vulnerabilities with continuous threat detection, prediction, and resolution
• Cuts time, costs, and complexity of compliance management
• Simplifies migration to the cloud with a turnkey solution for immediate value delivery

Caveonix was founded to enable service providers to provide a managed service to help enterprises continuously detect, predict, and act on cloud security threats.

Organization Overview
A VMware Cloud Provider Program ISV Partner, Caveonix provides proactive defense against risks in the hybrid cloud. Founded in 2017, the company is led by cybersecurity veterans with decades of industry experience.

The Challenge
As options for enterprise workloads across private and public clouds proliferate, companies face increasing complexity to manage requirements for cybersecurity and compliance across the hybrid cloud.

Requirements from global, country-specific, regional, and local authorities in government and industry are continually evolving, with mandates such as the EU General Data Protection Regulation (GDPR), the U.S. Federal Information Security Management Act (FISMA), the U.S. Federal Risk and Authorization Management Program (FedRAMP), the U.S. Health Insurance Portability and Accountability Act of 1996 (HIPAA), the National Electronic Security Authority in the United Arab Emirates (NESA), Payment Card Industry (PCI) requirements, and International Organization for Standardization (ISO) 27001 specifications.

For companies planning their journey to the cloud, this complexity creates a great deal of friction, slowing their ability to migrate to the cloud and realize its benefits. For companies already dealing with ever-sprawling cloud environments, inconsistent security and policy frameworks across environments could result in widening channels of weakness, vulnerable to attack.

The Solution
Caveonix partnered with VMware to develop a hybrid cloud risk and compliance management solution as a service, making its unified platform available on a rental basis to enterprise customers through VMware Cloud Provider Program partners. Its turnkey, multitenant solution can be white-labeled by VMware Cloud Provider partners to their end customers. The service builds on leading solutions from VMware that partners and customers already use for modernizing data centers while transforming networking and security in the multi-cloud era.

"Caveonix delivers a specialized, premium service for hybrid cloud risk and compliance that provides tremendous value for VMware Cloud Provider Program partners," said Ajay Patel, senior vice president and general manager of the VMware Cloud Provider Software Business Unit.

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"Our pioneering service is geared toward multi-cloud, multitenant environments, allowing service providers to realize immediate value with a turnkey platform. Now, service providers and enterprises alike can mitigate their compliance and cyberthreat risks with confidence."

KAUS PHALTANKAR
PRESIDENT AND CTO
CAVEONIX

VMWARE FOOTPRINT
• VMware Cloud Provider Program
 ISV Partner

PLATFORM
• Caveonix RiskForesight, available
 through the VMware Cloud
 Provider Program

Caveonix's flagship product, RiskForesight™, allows service providers and enterprises to continuously detect, predict, and act on security threats and vulnerabilities impacting their hybrid cloud workloads, offering full-stack visibility into cloud infrastructure, platforms, applications, and data.

"Our Detect, Predict, and Act continuum offers robust protection for applications and their workloads with an active defense including continuous, automated monitoring and risk posture analysis," said Kaus Phaltankar, president and chief technology officer of Caveonix.

The RiskForesight Detect module identifies changes in the hybrid cloud infrastructure, tenant workloads, network flows, and security policies with native integration into the cloud orchestration platforms. RiskForesight's engine, CaveoIQ™, powers the solution's Predict module. It leverages predictive analytics and machine learning to assess risks and build predictive risk mitigation models specific to tenant workloads, plus infrastructure-level steps for service providers.

The Act module provides protective actions at manual, semi-automated, or fully automated levels, using native application programming interface (API)–level integration. RiskForesight's Risk Management Control Plane (RMCP) underpins a Protection Plane for proactive or reactive actions at the network, security, and compute control levels of the cloud infrastructure, irrespective of the cloud technology stack. The RMCP also supports a Reporting Plane for a unified dashboard view of cyberrisk and compliance risk posture across the hybrid cloud environment. The dashboard can be private-labeled by service providers for use by their end customers.

Business Results and Benefits

With its RiskForesight solution, Caveonix helps ensure that hybrid cloud workloads are continuously protected. Persistent threat detection, prediction, and resolution help service providers and enterprises mitigate vulnerabilities from configuration issues and cyberattacks.

Further, in a complex regulatory environment, the Caveonix solution saves individual customers the significant time and money each would require to address myriad government and industry mandates on their own.

"Our pioneering service is geared toward multi-cloud, multitenant environments, allowing service providers to realize immediate value with a turnkey platform. Now, service providers and enterprises alike can mitigate their compliance and cyberthreat risks with confidence," said Phaltankar.

Looking Ahead

"We are bridge-makers for the hybrid cloud era, with a well-fortified shortcut to success across cloud environments and regulatory hurdles. Caveonix is excited to help customers accelerate their journeys to and in the cloud, with active protections for a rapidly evolving landscape," Phaltankar said.

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