



Streamlines adherence to standards, including PCI, FISMA and HIPAA, through Caveonix monitoring, simplifying moves from on premises to the cloud



Boosts infrastructure security in hybrid cloud environments with full workload transparency, allowing companies to quickly detect and respond to threats



Optimizes costs, deployment schedules and performance, enabling companies to tap into the power of IBM Cloud for VMware Solutions

# IBM Cloud and VMware Partner with Caveonix for a Hybrid Cloud Security Solution

For any company looking to move its on-premises systems to a more agile cloud environment, security is always a concern. As organizations increasingly expand operations onto hybrid, multi-cloud platforms, more of their infrastructure is exposed to threats, placing greater pressure than ever on IT teams as they work to meet increasingly strict regulations.

“The cloud can offer enhanced performance for compute, network and storage environments,” says Zane Adam, vice president, IBM Cloud for VMware Solutions. “But to be confident in their migration, companies have to align the benefits of moving to the cloud with all the security and regulatory requirements they face.”

## Simplifying industry compliance into the cloud

Compliance is top of mind for IBM Cloud customers across a range of industries, whether they are a medical company keeping up with the Health Insurance Portability and Accountability Act (HIPAA), a start-up establishing General Data Protection Regulation (GDPR) compliance, or an online retailer ensuring Payment Card Industry (PCI) compliance. IBM customers also have to juggle these regulatory challenges alongside needing to scale their security resources. When organizations grow past their on-premises infrastructure, their larger footprint expands the number of avenues that can be exploited by attackers.

## ABOUT CAVEONIX

Caveonix, based in Falls Church, Virginia, allows service providers and enterprises to continuously detect, predict and act on security threats and vulnerabilities impacting their hybrid cloud workloads. Its flagship product, RiskForesight, offers full stack visibility into cloud infrastructure, platforms, applications and data.

## ABOUT IBM

IBM is the global leader in enterprise cloud with a platform designed to meet the evolving needs of business and society. IBM Cloud is tuned for the AI and data demands driving true differentiation in today's enterprise.

## INDUSTRY

Technology

## HEADQUARTERS

Armonk, New York

## PLATFORM

IBM Cloud for VMware Solutions  
Caveonix RiskForesight

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In addition, companies have to manage the logistical challenges of a cloud migration. A legacy on-premises solution might have limited performance, but traditionally offers a full layer of infrastructure control for IT staff. As organizations transition from on premises to the cloud, they want to maintain the same level of security—or even greater—for their infrastructure.

“To protect themselves, companies need constant visibility into workloads,” explains Adam. “They need a full-stack understanding of their vulnerabilities at an infrastructure, platform and application level.”

### Improving security for hybrid, multi-cloud environments

IBM Cloud, a premier VMware Cloud Provider™ partner, integrated RiskForesight from Caveonix into its IBM Cloud for VMware Solutions offering. The specialized Caveonix solution, which was co-developed by VMware, provides broad transparency that allows customers to better manage security as they move on-premises VMware workloads to the IBM Cloud.

RiskForesight supports common standards for industries, including financial services, retail and public sector, allowing companies to easily track compliance requirements at a workload level. Caveonix can also build customized compliance tools based on industry- or country-specific requirements.

The solution’s Detect, Predict and Act modules provide a full spectrum of administrative security and visibility tools. With the modules, organizations can quickly locate changes in infrastructure or workloads, use analytics to develop predictive risk assessment models, and respond to potential issues manually or via automation.

“RiskForesight is built around providing end-to-end workload visibility for customers,” says Kaus Phaltankar, CEO at Caveonix. “By partnering with a market leader like IBM, we’re improving the deployment experience and helping companies take full advantage of a hybrid multi-cloud strategy.”

### Streamlining migration to reduce risks and costs

A wide range of companies benefit from Caveonix’s plug-and-play integration into IBM Cloud for VMware Solutions. When companies need to manage mission-critical workloads across their expanded cloud infrastructure, RiskForesight offers threat detection and resolution services alongside cost-effective compliance features, helping safeguard a company’s systems and information. The integration between IBM Cloud, VMware and Caveonix RiskForesight allows customers to maintain a more secure hybrid cloud environment by leveraging existing and new security and administration policies.

For instance, the combination of Caveonix and VMware was a perfect fit for a recent IBM Cloud healthcare customer specializing in transplant services. The company’s IT environment was already built on VMware solutions, which migrated to the IBM Cloud supported by Caveonix tools. The result was the company easily met HIPAA requirements. In other examples, a financial services company relies on RiskForesight monitoring resources to produce monthly activity reports to follow strict Federal Financial Institutions Examination Council (FFIEC)

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CEO, CAVEONIX

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requirements, while a public sector customer runs regular audits complete with Federal Information Security Management Act (FISMA) scores to protect against the threat of data breaches.

## Looking ahead

For IBM Cloud and Caveonix, simplifying hybrid, multi-cloud migrations alongside VMware to create more secure environments for customers is a shared goal.

“We look forward to continued support for IBM Cloud for VMware Solutions,” says Phaltankar. “Companies will be challenged by stringent security and compliance requirements, but the comprehensive RiskForesight environment enables them to realize the advantages of hybrid clouds without jeopardizing security or industry compliance.”



@IBM Cloud is the first @VMware Cloud partner to use @Caveonix and its RiskForesight service on the IBM Cloud for VMware Solutions platform to boost security and simplify compliance with workload-level transparency. #VMwareCloud