Cloud Rewind™
Formerly Appranix

Commvault®

CUSTOMER STORY

MULTINATIONAL HEALTHCARE CORPORATION

A Fortune 50 Global Company Decreased Cyber Resilience Recovery Time by 276 Times

Commvault

Fortune Rank #17

Industry
Healthcare/Industrial

Headquarters
Paris, France

BACKGROUND

This Italian-French vertically integrated multinational corporation based in Paris was founded in 2018 from the merger of two highly complementary and inspiring business stories which have revolutionized an entire industry. The group designs, produces and markets ophthalmic lenses, optical equipment and prescription glasses and sunglasses.

Decreased Recovery Time by **276x**

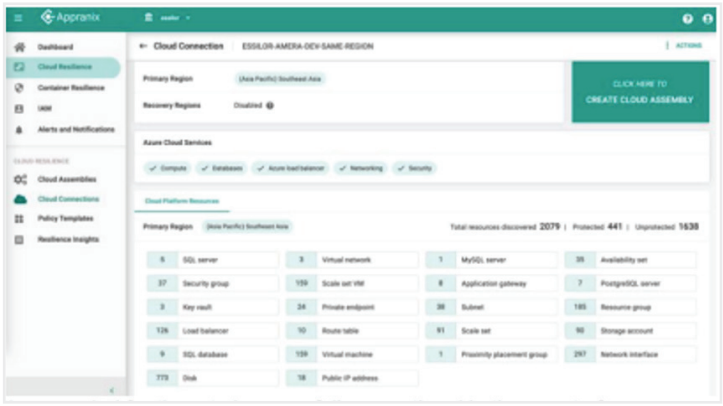
Application Resilience Testing Frequency Monthly

Decreased backup, recovery, and DR cost by **50%**

CHALLENGE

The company migrated all their applications from their data centers to Microsoft Azure cloud in 2021. All their business-critical applications used by their retail and labs; partner outlets have been running on Azure. These business-critical applications need to be available 24x7 due to all their labs being spread out throughout the world. Their developers deploy applications using DevOps pipelines and manage Azure infrastructure using Terraform along with Azure-native tools. They have close to 185 resource groups with 3,700+ resources across their environments and subscriptions. Every resource group has 100s of Azure cloud resources along with virtual machine-based compute and Azure managed database instances.

The company was using Veeam, Zerto and Nutanix storage replication for protecting all their applications when they were running in the data center. After moving to Azure, they tried to use Azure ASR along with Azure backup services, in addition to Veeam and Zerto for some applications. The company's corporate mandate is to be able to recover their applications with all configurations, dependencies, and application data effectively with minimal operational overhead and low RTO of less than two (2) hours.



Unlike their data center model, the company does not want to spend on additional standby region that might cost 2x of their production and all the associated management costs. Moreover, like their peers in the industry, their primary challenge is protecting against Ransomware attacks with faster recoverability. Their operations team estimated that to recover a single resource group from encryption attacks, or other unplanned downtimes, is 4 hours. This is due to their globally distributed development and operations teams that need to be called together to recover their infrastructure, data, and applications along with all the dependencies. The total time needed for them to become fully operational in the event of any unplanned downtime, is close to 185 (resources groups) x4 hours for a total of 740 hours or 30 days. This estimation was totally unacceptable to their IT and business leadership. They needed a cloud-native, application-centric, entire Azure environment recovery solution that is fast, completely automated and maintenance free. They did not want to be in a continuous upgrade cycle with agents and data management product changes. Moreover, they wanted to use Azure-native data infrastructure for better protection and faster recoveries without getting locked-in to third party data management products.

> **Commvault Cloud Rewind has given us a solid foundation for our digital transformation efforts. Now we can confidently add new features for all our applications with built-in application resiliency with no additional operations team effort.**
>
> **VP Technology**
> Multi-National Corporation

SOLUTION

The company started using Appranix Application Resilience on Azure (now Commvault Cloud Rewind) in March 2021. They protect three subscriptions, one each for Development, Production, and Operations Hub based on the Azure well-architected operations model.

The Development subscription has all the dev, QA, and UAT instances. The Hub Subscription hosts their Active Directory, DNS and commonly used resources like the antifactory, documentation servers and other common operations tools. The Production subscription runs all the business-critical applications and other associated platforms and services. This hub and spoke Azure architecture makes both the Hub and Production environments very critical for their business.

Commvault Cloud Rewind protects all their environment resources against data loss, cloud misconfigurations, cloud failures, ransomware attacks, and other unplanned failures. Cloud Rewind automatically discovers all the resources continuously across all the subscriptions including virtual machines, scale sets, load balancers, databases, VNets, security groups, and much more. The company protects 2070+ cloud resources in their production subscription alone. In total, the cloud resources protected across all the cloud connections is close to 2700 with 138 Cloud Assemblies. It is no surprise to see why they have increased the use of loud Rewind across 180+ resource groups since their first deployment.

ABOUT COMMVAULT CLOUD REWIND

Commvault Cloud Rewind protects both cloud configurations and cloud applications in sync to rebuild and restore rapidly after a cyber incident, therefore going beyond recovery to rewind the entire enterprise and maintain operational integrity. www.commvault.com/platform/cloud-rewind