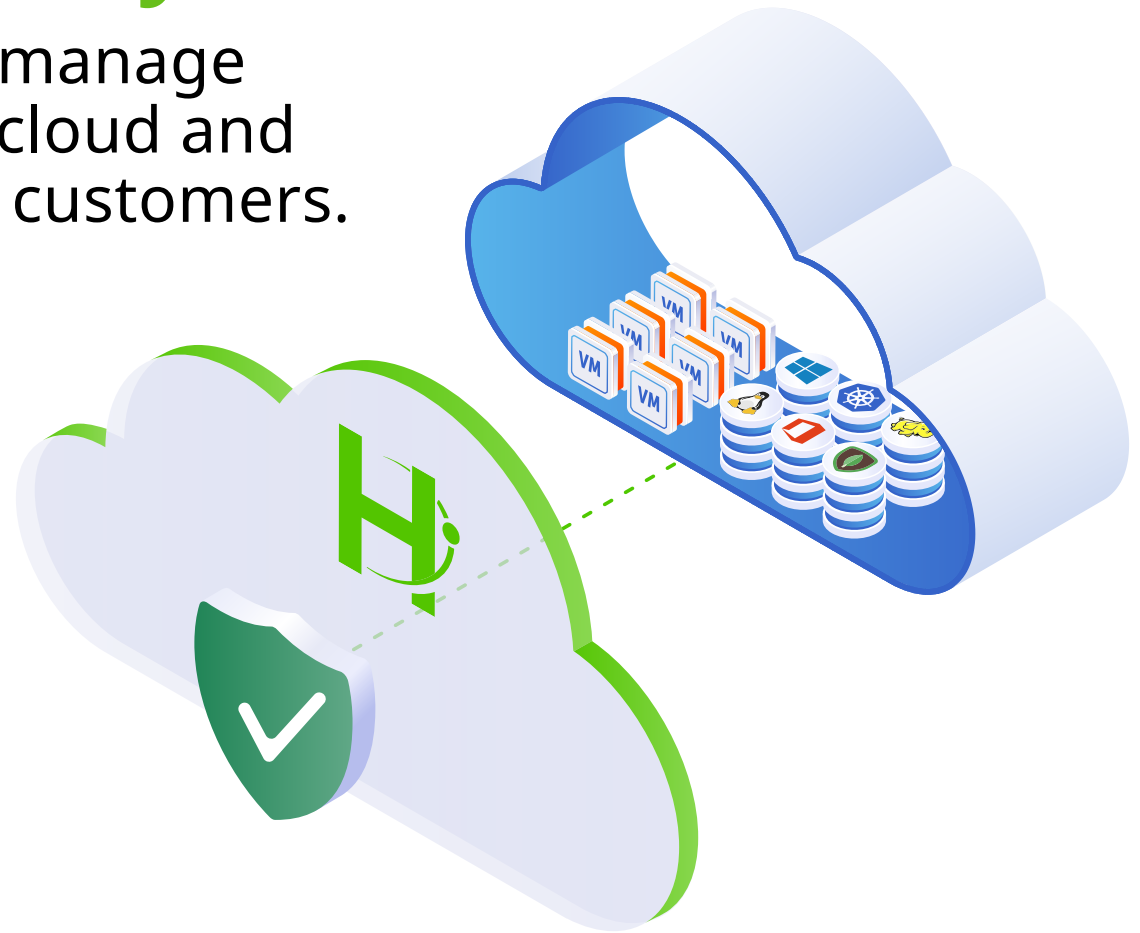# Protect Your VMware Cloud with Cohesity

One proven platform to manage your data across hybrid cloud and modern apps, as told by customers.

Why do customers around the globe across all industries choose Cohesity to protect their VMware environment?

It's simple. Cohesity delivers results.

And Cohesity doesn't just deliver world-class backup and recovery, but goes beyond and provides solutions for all your enterprise data management challenges.

Organizations like yours often begin working with Cohesity to simplify complex, time consuming, legacy virtual machine (VM) backup and recovery, which Cohesity's web-scale platform does in no time.

By quickly consolidating data on Cohesity, you can go beyond improving backups for VMs to accelerate the protection and recovery of your entire VMware Cloud— including VMware Cloud Foundation, VMware Cloud on AWS, VMware Cloud Director, as well as modern apps running on Kubernetes. But that's not all, Cohesity also consolidates all kinds of physical servers, databases, NAS, SaaS offerings such as Microsoft 365, and industry-specific systems, including mainframes.

The software-defined backup and data management solution dramatically simplifies operations, meets and often exceeds business SLAs, and helps defend your backup data against ransomware attacks. Cohesity immediately reduces your data management total cost of ownership—typically 50% to 70%.

The solution can be easily managed through its slick SaaS control plane Helios, and its functionality can be extended to a variety of use-cases by running a wide range of apps from the Cohesity Marketplace directly on the platform.

It's the software-defined data management platform that keeps on delivering, enabling enterprises to derive value from all their data—anywhere it resides.

Keep reading to discover the results leading organizations are achieving with Cohesity for their backup and recovery, and then see how they extend to modernize data management with use cases for disaster recovery, scale-out NAS, and agile dev/test.

HYATT

Read Full Case Study

Hyatt Speeds Backups from Days to Minutes, While Cutting Costs Significantly

Challenges

Hyatt uses data to improve its guest experience and operate its sprawling hospitality business. Hyatt's existing solution was unable to back up VMs as intended, requiring multiple steps and often resulting in rebooting servers and causing unnecessary downtime.

Solution

Hyatt chose the Cohesity data management platform as its software-defined solution to modernize backup and recovery as well as easily enable disaster recovery, business continuity, and cloud integration.

Results

- Rapid backup and restore—times reduced from days to minutes

- Initial deployment across 3 datacenters, protecting 350 VMs

- 40 percent data reduction with Cohesity, with up to 4:1 dedupe performance

"Cohesity was the complete solution we needed to simplify and modernize our backup and recovery environment at Hyatt. We look forward to leveraging Cohesity's single platform in our global data centers for additional scalable solutions."

- Senior Storage & Virtualization Engineer, Hyatt

| Cohesity Delivers Results | Hyatt Case Study | 1st Security Bank Case Study | Riverside Healthcare Case Study | Cisco Case Study | iomart Case Study | SISTIC Case Study | Simplify Your Backup and Data Management |

1ST SECURITY BANK

Read Full Case Study

1st Security Bank Tackles Rapid Expansion with Enterprise Backup and Recovery Solution from Cohesity

Challenges

In the last five years, data at 1st Security has grown eight-fold in their 99% virtualized environment. Because legacy backup and storage products were unable to keep up with the expanding data footprint, 1st Security needed a solution that would not require a forklift upgrade every few years, and could scale with the growing company and data requirements.

Solution

Cohesity consolidated all non-latency sensitive workloads and data services at web-scale. Cohesity integration with both VMware vSphere and Microsoft Hyper-V allowed instant recovery of applications. The bank uses Cohesity for more than just backups, taking advantage of the platform for dev/test to ensure changes and application development are secure before launching into a production environment.

Results

• Backup jobs went from taking hours to just over two minutes

• Recovery times are now instant and disaster recovery planning does not require driving to a physical location

• Cohesity was up and running within two hours

"As a financial institution, we have strict enterprise data backup and recovery requirements. Cohesity is a cut above all other solutions we researched and it provided a scale-out solution for simplified disaster recovery and application availability. Where previous backup solutions took up to five days, Cohesity performed the same operation in just over a minute."

- System Administrator, 1st Security Bank of Washington

RIVERSIDE HEALTHCARE

Read Full Case Study

Riverside Healthcare Achieves 50X Reduction Epic and CPAC Data across 300VMs

Challenges

With frequent failures and exorbitant licensing costs from a combination of disparate, legacy backup technologies, Riverside began to look for a solution for reliable data protection and recovery, especially when it came to Epic.

Solution

With Cohesity, Riverside is now backing up more than 3PB of data, including Epic and CPAC systems, SQL databases, hundreds of VMs, 18 physical servers, as well as hundreds of other objects, and more than 400 additional databases.

Results

• Only 54 TiB used for full capacity of over 3PiB of medical data

• While Epic suggests an SLA for restores of four hours for 1TB, Cohesity is able to restore nearly 3TB in under four hours.

• Reduced backup times by nearly 70 percent across the entire environment, and achieved full VM restores in 20 minutes

"Cohesity has reduced backup and restore times so significantly that at first it almost wasn't believable compared to our previous environment. We now exceed the backup SLAs for Epic, have more than 50 times data reduction, and gained time savings of 70 percent for backup and restore. We are confident Cohesity will scale to meet future requirements and keep up with exponential data growth at Riverside Healthcare."

- System Administrator, Riverside Healthcare

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Read Full Case Study

CISCO

Cisco Deploys Cohesity to Solve Internal Enterprise Data Management Gaps

Challenges

While few organizations understand the data center like Cisco, fragmented data silos were leading to increased mean-time-to-resolve (MTTR) for backup-related, high-priority issues. Backup data went through multiple hops, including proxy servers, backup servers, custom script manipulation, and more—from multiple vendors—before being directed by orchestration software to legacy storage hardware. The team sought a modern data management solution to quell these inefficiencies that would need to effectively scale to support many petabytes of data. For Cisco IT, the objective was to eliminate point-product silos in the backup workflow, and to provide secure, reliable disaster recovery.

Solution

Using Cohesity, Cisco IT is able to greatly simplify maintenance and operations through data optimization and workflow automation as well as enable real-time insights into backup progress. A consolidated view of backups for reporting boosts service-level agreement (SLA) tracking for backups. Today, Cisco provides public cloud-like services for its own internal cloud, and backup-as-a-service to internal teams through the Cohesity platform.

Results

• Faster backups by eliminating multiple hops and disparate products

• Lower costs, lower outages, and easier lifecycle management.

• Seamless integration of Cohesity software with Cisco HyperFlex and Cisco UCS

"Cohesity on Cisco UCS drives operational excellence. Its self-service capabilities coupled with a simplified and scale-out architecture make it easy to deploy backup services. The combined efficiency of Cohesity software and power of Cisco UCS provide an integrated solution that lowers costs, streamlines data management, and speeds deployment, propelling our Cisco-on-Cisco story forward as we navigate the effective management of unstructured data growth."

- CISCO IT Team
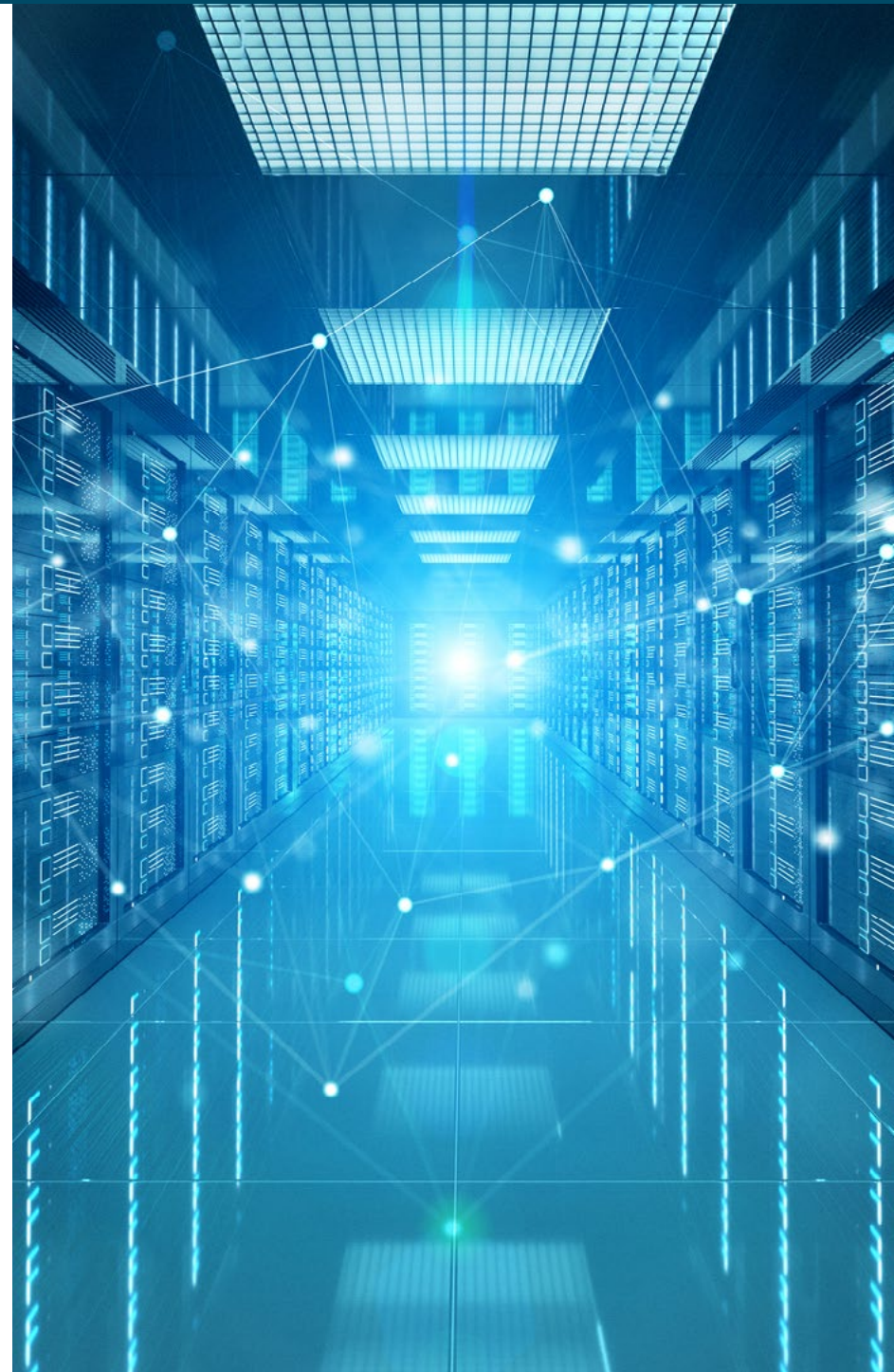
iomart

Read Full Case Study

iomart Strengthens Backup and Recovery with Cohesitys

Challenges

iomart, a VMware Cloud Provider Partner in the UK offering managed cloud services, required a single, unified platform to reduce complexity and cost for customers, addressing data sprawl that is associated with multi-tenant environments.

Solution

iomart chose Cohesity's software-defined platform because for its support of distributed hybrid as well as multi-cloud, and delivering disaster recovery, test/dev, multi-site replication, and data analytics.

Results

- Simple and intuitive web-scale platform to manage multiple petabytes of data

- Seamless integration with public clouds, such as Amazon Web Services (AWS), Google Cloud Platform, and Microsoft Azure

- Ability to offer expanded range of DRaaS and Cloud Backup services

"Cohesity fits into our commitment to deliver truly hybrid solutions to our customers. Not only can it protect and maintain local storage and data requirements at the edge, it can also seamlessly extend to AWS, Google Cloud Platform, and Microsoft Azure without requiring separate cloud gateways. Customers can also choose to replicate their protected data into iomart's business continuity cloud for near-instant Disaster Recovery as a Service."

- Sales Director, iomart

SISTIC Reduces Backup Time and Cost Across Its Hybrid-Cloud Environment

Challenges

The company's legacy backup product was sufficient when first deployed, but as the business grew, it quickly became highly inefficient. The company has evolved from an exclusively on-premises environment to using a combination of private and public cloud solutions, as well as managing three data center locations.

Solution

SISTIC manages its data in a much more effective way with Cohesity. It likes Cohesity's cloud-native capabilities; for example, backing up Office 365 data is simple. SISTIC is using Cohesity's long-term archival capabilities to archive over 20TB of files that—due to regulatory guidelines—it is required to keep for five to seven years. SISTIC also uses Cohesity as a scale-out NAS solution to manage internal file shares for users. Other notable features for SISTIC are Cohesity's fast search and anti-ransomware capabilities.
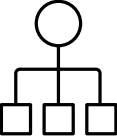
Results

- Gains of 60 hours per month, returning nearly eight days of production
- Backup windows reduced by 50 percent with instant restore from a single repository
- Anti-ransomware protection to counter attacks and defend enterprise data
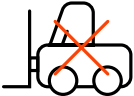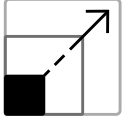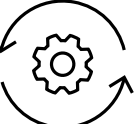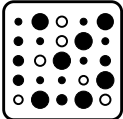
"I think Cohesity could be the next product to take the Singaporean market by storm. It allows companies to make the transition to the cloud and the beauty of Cohesity is the solution makes data simple to understand, and removes obstacles to simplify data management across our entire organization."

- Head of IT Infrastructure & Service Delivery, SISTIC

Simplify Your Backup and Data Management with Cohesity

Value	Capabilities
Integrate without infrastructure rip & replace	Cohesity is software-defined for maximum efficiency with minimum disruption to your existing IT environment and operations.
No more buying & running unnecessary parallel infrastructure	A single, web-scale backup platform for all traditional and modern data sources, Cohesity lowers both capital and operating expenses.
Simplify management	Cohesity's global user interface is easy enough for every member of your IT team to use, eliminating specialists and freeing valuable IT resources for more important work.
Defend your organization against ransomware attacks	Cohesity third-generation immutable file system, combined with DataLock (WORM) for backup snapshots, encryption framework, RCAB/MFA and ML-based early detection stops ransomware in its track and recover quickly.
Gain predictable operating expenses	Software-defined Cohesity is available in a subscription license model, improving resource planning and budgeting visibility.

Value	Capabilities
Enjoy nondisruptive software upgrades	Cohesity empowers your team to eliminate costly, disruptive downtime and outages by supporting non-disruptive patches, updates, and upgrades.
Expand at your pace	The Cohesity web-scale, pay-as-you-grow architecture with easy cluster expansion lowers your capital investments.
Meet business SLAs	IT teams experience both faster and incremental backups, which saves them time.
Eliminate downtime	Cohesity features a distributed architecture with MegaFile-based parallel ingest and fully hydrated snaps for flexible, rapid data restores and recovery.
Reduce your data footprint	Cohesity uniquely combines global, variable-length sliding-window dedupe and compression to solve mass data fragmentation and helps teams eliminate unnecessary hardware purchases for redundant data. Less hardware strengthens your organization's security posture.

Discover what Cohesity can do for your organization: cohesity.com/solutions