



eBOOK

# Cloud disaster recovery: How five enterprises protect data

Customers in manufacturing, consulting, consumer goods, and construction benefit from fast, flexible cloud disaster recovery with Commvault® Cloud

# CLOUD DISASTER RECOVERY WITH LESS COST, EFFORT, AND RISK



As organizations adopt cloud to advance business goals, many also choose cloud Disaster Recovery (DR) to protect critical data. Reliable cloud DR helps you recover quickly—without losing data. Cloud disaster recovery can reduce your budget and staff workload.

Commvault streamlines and simplifies cloud disaster recovery. The same interface you use for everyday data management projects lets you manage disaster recovery scenario planning and testing across cloud and on-premises environments. Restoration is fast and flexible. Restore a single file or rapidly recover workloads, applications, and databases. Automation and testing give you confidence that you're ready for anything—with less cost, effort, and risk.

In this ebook, you'll learn how Commvault customers across industries ensure cloud disaster recovery with speed, agility, and efficiency.

# DATA SECURITY AND EASY DATA RECOVERY ACROSS CLOUD AND ON-PREMISES LOCATIONS



## Greencap Pty Ltd cuts storage space by 40 percent while speeding recovery.

### The goal

Australian risk management firm Greencap Pty Ltd generates a huge amount of data across property risk, health and safety, environment risk and emergency management. In the event of a disaster, the firm wanted to minimize the risk of losing critical business data for consultancy and digital services.

### The challenge

Previously, Greencap used multiple backup solutions in parallel and replicated the data to other disaster recovery sites. This meant it could take days of sifting through years of project information to archive the correct data. Adding to the challenge, with its legacy infrastructure constantly running out of space, the firm began a digital transformation by moving its digital business data to Amazon Web Services (AWS).

Greencap also migrated 50 percent of its consultancy business data to Azure, with the other half remaining on-premises. As a result, Greencap needed a way to back up a combination of on-premises and cloud data on Azure and AWS, Microsoft Office 365, SharePoint, OneDrive, and Hyper-V — ideally, with a single backup solution.

### The solution

With Commvault® Cloud, Greencap streamlines tedious processes for archiving project files and shrinking storage requirements. The firm

uses Commvault Cloud to manage data in Azure, Amazon RDS, and EC2 environments. Commvault also manages the firm's Office 365 backup.

Commvault deduplication lets the firm compress data to 10–30 percent of its actual size and cut storage space by 40 percent. A unified Commvault Cloud backup solution also empowered the IT team to monitor and control backup performance across the clouds and on-premises locations with a single, intuitive dashboard.

### Results

- 40% reduction in storage requirements
- Office 365 data recovery in minutes
- Consolidated backup performance control and monitoring on one simple dashboard
- Data security and easy data recovery across different datacenter locations

[Read the case study](#)



**We evaluated other backup solutions like Veeam, but only Commvault Cloud had all the bells and whistles to enable fast and secure backup and recovery across Microsoft Azure, AWS and on-premises environments in a single console.**

Jayath De Silva  
Senior System Administrator Greencap Pty Ltd.

# AUTOMATION STREAMLINES DISASTER RECOVERY AND LONG-TERM RETENTION



**University of Canberra saves AUD\$135,000 by eliminating tapes with holistic disaster recovery.**

## The goal

With more than 14,000 students and over 1,000 staff members across five countries, University of Canberra has a vision to become a global leader in higher education and research. To protect critical data and ensure the availability and reliability of IT services, the university needed robust and cost-effective disaster recovery.

## The challenge

In the past, University of Canberra used tape libraries and a third-party records company to store offsite disaster recovery backups, but the process was time-consuming, costly, and risky. The university needed to enable frequent, more efficient backups for offsite disaster recovery copies of critical data, including student records, HR files, and finance data.

At the same time, the university could more effectively support long-term data retention requirements by moving from tape libraries to cloud-based storage.

## The solution

Commvault Cloud enables University of Canberra to automatically stream disaster recovery backup copies to Amazon S3 Infrequent Access (IA) storage and archive data that hasn't been touched for 365 days to Amazon S3 Glacier storage all without manual intervention. Offsite disaster recovery backups with Commvault Cloud now occur daily instead of once per

quarter, helping to ensure data integrity.

With Commvault Cloud, the IT team can focus on digital strategy rather than backups and storage administration. University of Canberra uses Commvault integrations to back up various assets, including Nutanix AHV and ESX hypervisors, Oracle Database and Real Application Clusters, and Microsoft SQL databases.

## Results

- AUD\$135,000 saved on tape overheads and storage costs
- 6X faster streaming of backup copies to AWS cloud library compared to tapes
- Offsite disaster recovery backups daily instead of quarterly
- 38% improvement in backup window

[Read the case study](#)



**One of the primary reasons that University of Canberra has been a long-term Commvault customer is its capability to support diverse hardware requirements. Features such as Commvault encryption at rest and in flight help ensure data security while transferring backup data to AWS which is an important consideration for the university.**

Justin Mason

Associate Director, Vendor and Operations | University of Canberra

# FAST MULTI-CLOUD BACKUP AND RECOVERY ENSURES RESTORATION WITHIN TIGHT RPOS



مجموعة محمد يوسف ناغي وأخوانه  
MOHAMED YOUSUF NAGHI & BROTHERS GROUP

**Mohamed Yousuf Naghi Brothers Group saves time and cost transforming virtualization and disaster recovery.**

## The goal

Mohamed Yousuf Naghi & Brothers Group operates companies across consumer goods, luxury automotive, public and private transportation, and logistics in Saudi Arabia. To run its diverse 24/7 businesses, the group needed to ensure the availability of the data in environments including Azure Blob Storage, Amazon S3 for cloud storage services, and on-premises Oracle Database and Oracle ERP applications.

## The challenge

The data needs and technology environment of each sector of the group vary widely, and for many years its different divisions have used different solutions to back up data to disks and tapes. However, this process was slow and could not adequately replicate data from various cloud platforms, including Azure and AWS. It could take 9–10 hours to run RMAN backup for Oracle Database, while a full snapshot for the company's financial servers could take 4–8 hours.

There were also challenges meeting RPOs and RTOs for business-critical systems due to the time needed to back up and restore data. The group needed to quickly replicate and restore data from cloud to cloud and the disaster recovery site while supporting nonstop business operations.

## The solution

Mohamed Yousuf Naghi & Brothers Group now uses Commvault Cloud as the main orchestration for integration with its Azure and AWS cloud storage and for VM replication from on-premises to the cloud or cloud to cloud.

The group created a unique isolated recovery zone to rapidly restore the Commvault Cloud environment, directing the backup copies to the recovery site and the tapes in the event of a disaster. Commvault makes it possible to restore the data within the 72-hour RPO if there is a disaster recovery need. Strong deduplication features let the group leverage the database both on-premises and in the cloud, and yield significant savings in storage size and cost.

## Results

- 60% faster RMAN backup in the cloud and on-premises
- Up to 75% reduction in completing full snapshots
- Data size reduced by up to 82% with deduplication on-premises and cloud
- Fast replication for VMs directly in the cloud and the disaster recovery site



**Our group companies run 24/7 businesses, so we wanted to ensure data availability to our users. Commvault Complete Backup and Recovery offers advanced features and deduplication capabilities to support faster recovery and savings on storage.**

Syed Zeeshan Ali  
Group IT Solution Manager, Hosting Services | Mohamed Yousuf Naghi & Brothers Group

# UNIFIED BACKUP AND RECOVERY MONITORING ACROSS BRANCHES SIMPLIFIES OPERATIONS



## Shikun and Binui ensures data protection for Azure, Office 365, and SaaS environments.

### The goal

As Israel's leading real estate and construction firm, Shikun and Binui operates through subsidiaries in more than 20 countries on four continents. The risks to the company's data include system failure and cyberattacks, making effective disaster recovery critical across its distributed organization.

### The challenge

Before cloud adoption, branch backups were a challenge for Shikun and Binui. The firm's team needed several different dashboards to determine whether backups were working in each location, whether they were running correctly, and their current status.

### The solution

Shikun and Binui adopted Commvault Cloud as part of a migration project to Azure. Commvault enables backup across cloud data, including Microsoft Office 365, Microsoft SharePoint, Microsoft OneDrive, and its SaaS environments.

Now, the firm uses a single management control to monitor backup jobs across every branch in the organization. The team has more confidence in data recovery.

### Results

- A single point of management control across branches
- Complete backup of cloud environments, including Azure, Office 365, and SaaS
- Reassurance that the firm will have rapid data recovery for risk situations

[See the video](#)



**We are a business company, so we have a lot of risk. The risk isn't just from a failure of a system. Most of the risks today are cyberattacks, or cybersecurity. We need to ensure that we can move to disaster recovery if there is a failure. Commvault Cloud helps us do it right.**

Eran Gutman  
CIO | Shikun and Binui

# STREAMLINE AND SIMPLIFY CLOUD DISASTER RECOVERY

It's time to review your disaster recovery processes.

- Where can cloud disaster recovery help you save time and money?
- How can modern disaster recovery technology help your organization recover with speed and accuracy?
- Who is the best data protection provider to support your needs today — and what's coming tomorrow?

At Commvault, we're speaking with organizations large and small about modern disaster recovery. The network of Commvault solution providers and global systems integrators are ready to help you quickly update cloud disaster recovery strategies.

**Let's chat—start the conversation at**  
[commvault.com/contact-us](https://www.commvault.com/contact-us)

To learn more, visit <https://www.commvault.com/customers>

commvault.com | 888.746.3849 | [get-info@commvault.com](mailto:get-info@commvault.com)

