



SOLUTION BRIEF

Bullish on Secure Data

Commvault Clumio simplifies data protection
and compliance for financial services.

THE CHALLENGE

Keeping up with a growing list of threats to cloud-based financial services...

The financial services industry is a hot target for cybercrime, due to the richness of data in its custody—personally identifiable information, material nonpublic information, financial history, and so on. The industry is also vulnerable to employees who inadvertently or deliberately misuse confidential information. Finally, deletion or corruption of critical data can also severely disrupt operations.

...and compliance requirements

To better protect financial information, financial services providers now also have to comply with various data security standards such as SOC 2, PCI-DSS, SOX, GLBA, ISO 27001, and GDPR. These regulations impose a range of requirements on FinServ companies, including the need to implement strong access controls and establish robust data protection and retention policies. To stay compliant, companies must ensure that data is backed up securely—sometimes for periods of up to 7 years.

The Dilemma—build, or buy?

Rather than trust a third-party solution with their sensitive data, financial services customers often try to build cloud data protection solutions themselves, using cloud provider-supplied tools such as snapshots and native backups. This is too often a path to sunk costs, technical debt, and eventually, inadequate protection. It is extremely difficult to build a robust, cost-effective data protection solution, especially one that can be relied upon to protect a variety of cloud data sources at scale and recover them quickly.

How to protect financial data in the cloud

A robust data protection practice is the strongest line of defense for financial services customers. Even in the cloud, financial services providers need to back up their data and have it encrypted, air gapped, and authenticated. Access to this data needs to be controlled and audited. To stay in compliance, financial services customers need to regularly test their data protection protocols for fast and reliable recovery in the event of a disruption. Losing critical data from Amazon S3 can have material consequences, including operational disruptions and downtime, lost revenue, fines for non-compliance with industry regulations, loss of customer trust and reputational damage, and overall business fragility.



Ransomware has caused over \$60B in financial losses (in a single year). Cyber insurance companies are often able to prove gross negligence and walk away. Hence the conversation is around how we store our data in a secure and resilient way, and quickly allow us to restore from backups.

Rachel Wilson

Director of Cybersecurity, Morgan Stanley Wealth Management

CLUMIO—FINANCIAL DATA PROTECTION THAT KEEPS YOU AHEAD

Stay ahead of threats

Clumio is built with an always-on security model. It saves your data outside your security sphere, and even in a worst-case scenario when everything is compromised, data protected by Clumio stays secure.

Automate industry compliance

Your data in Clumio is compliant with ISO 27001, SOC Type 2, and PCI DSS from the get-go. Intuitive protection groups for your data helps set up long-term compliance in a few clicks.

Secure sensitive data

Customer data in Clumio is immutable, encrypted, and undeletable. With MFA, SSO, and fine-grained access controls, Clumio keeps the threats away—both from outside the organization and within.

Build data resilience

Clumio continuously backs up cloud data so that the latest changes are captured and recovered files are up to date. During the recovery process, Clumio dynamically scales to increase restore throughput to get you back up and running fast.

DATA PROTECTION BUILT FOR THE SPEED AND RIGOR OF FINANCIAL SERVICES



GET PROTECTED IN MINUTES

- With traditional backup vendors, you have to wait for weeks for equipment to ship, set it up in your datacenter, and then start protecting assets.
- With Clumio, you can get your financial data protected in literally minutes. Simply sign up through the website or AWS Marketplace and start protecting your cloud data sources.



SAVE THE CHANGES

- At large volumes, it is computationally intensive and complex to save each change, which is why most backup vendors offer RPOs of hours.
- Even at scale, Clumio backs up every 15 minutes, so that the latest changes are saved—and can be recovered when needed.



AIR GAP OUTSIDE YOUR ENTERPRISE SECURITY SPHERE

- If using native tools like snapshot managers and AWS Backup, even if you use out-of-account, and out-of-region protection, your backups are vulnerable if your enterprise credentials are compromised.
- With Clumio, your data is protected and vaulted entirely out of your enterprise security sphere, so even in a worst-case scenario, your critical data is safe.



PROTECT AS MUCH—OR AS LITTLE—DATA AS YOU NEED

- Native tooling on AWS has size limitations of a few billion objects per bucket, which financial services customers routinely exceed. Moreover, native backups require you to turn on versioning for your data, causing prohibitive cloud bills and increasing management complexity.
- Clumio can protect exabytes of data and tens of billions of objects per Amazon S3 bucket. With no dependencies on legacy backup constructs, and built with decoupled cloud resources, Clumio scales dynamically with demand.



RECOVER FAST

- In the event of a disruption, you need to be able to count on your data protection solution to deliver. Unfortunately, while recovering large or disparate data sources, it can get very complex to know what data to restore for application consistency. Moreover, backup vendors can be slow with restores taking hours.
- With Clumio, not only do you have a one-stop-shop to protect and recover your AWS data (EC2/EBS, S3, RDS, DynamoDB), its simple calendar views and protection groups help you find exactly which data to restore. During a recovery operation, Clumio automatically scales to increase restore throughput, driving parallel I/O operations for scale-out rehydration, and its intelligent indexing optimizes the restore process further. Clumio restores data fast.



SIMPLIFY YOUR CLOUD BACKUP

- For a financial services customer handling troves of sensitive data, it is imperative for the protection and recovery to be simple. However, as the volume of data grows and spreads across multiple cloud services, snapshot-based backups or DIY tooling like versioning can get very complex and expensive.
- Clumio simplifies data protection at scale. With Clumio's intuitive protection groups, you can define protection and recovery policies for particular data sets, optimizing your cloud costs. Additionally, with Clumio's visibility dashboards, ransomware risk assessment, rich REST API, and proactive support, your data security posture is always at your fingertips.

WHY CHOOSE CLUMIO?

Built for Regulated Industries

Clumio is a data protection solution with a focus towards securing sensitive data in highly regulated industries such as financial services. Clumio delivers the ultimate protection—air gapped, undeletable, and authenticated.

Fast, Scalable Protection

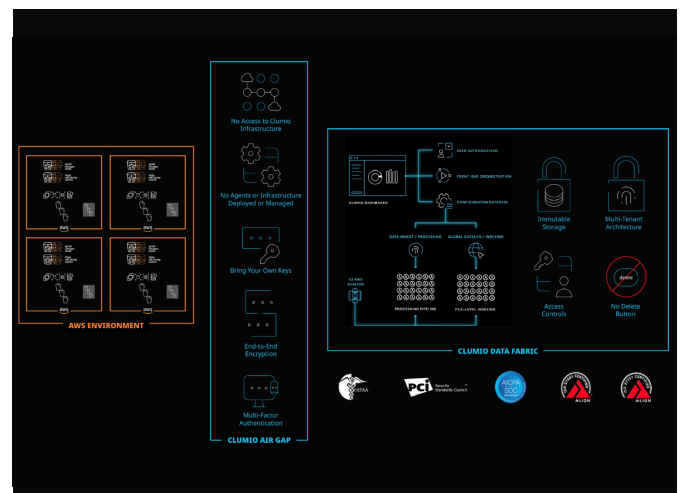
No matter how much data you have in the cloud, or in what data sources, Clumio can get it protected in minutes, and help you recover fast when you need it most.

Compliance and Visibility

Clumio helps you get control of your data protection posture with visibility into your data estate, and automated compliance with financial industry regulations and standards.

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