

SOLUTION BRIEF

Bullish on secure data

Clumio simplifies data protection and compliance
for financial services.

“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

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 financial services 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 6 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, make sure that it is 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 to ensure fast and reliable recovery in the event of a disruption.

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

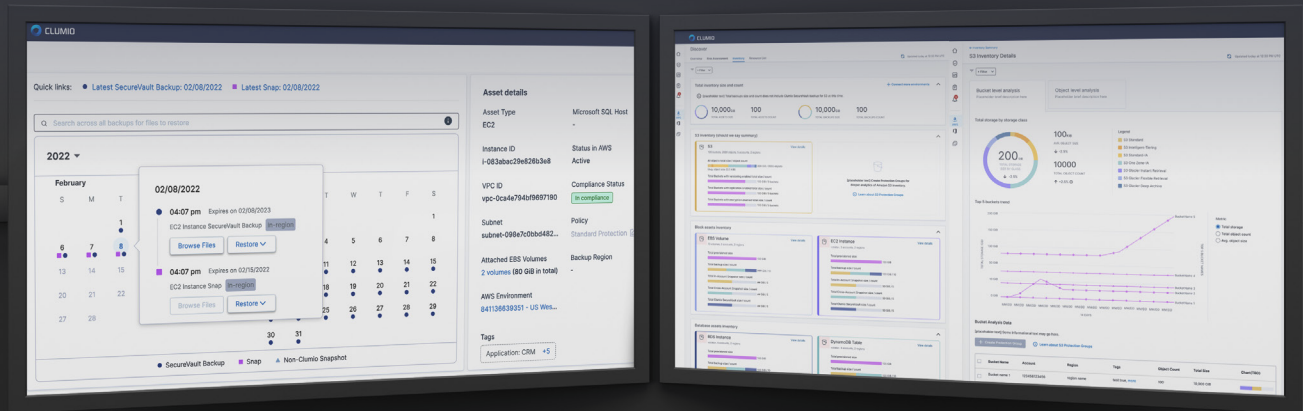
Your data in Clumio is compliant with ISO 27001, SOC Type 2, and PCI DSS from the get-go. Intuitive protection groups for your data helps set up long-term compliance in a few clicks.

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 to ensure 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 in seconds.



Clumio enables the cloud and IT teams of financial services providers to fortify their cloud data environment with deep visibility, multi-layered security, and automated compliance.

Data protection built for the speed and rigor of financial services

If you have critical data in the cloud, you can be sure that Clumio will help you protect it. Here's how Clumio is different—



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. And most traditional backup vendors don't even protect cloud workloads.
- 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.



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, on the other hand, has yet to encounter a customer with too large a data volume to protect. Clumio can protect exabytes of data, up to 20 billion objects per Amazon S3 bucket. With no dependencies on legacy backup constructs, and built with decoupled cloud resources, Clumio scales dynamically with demand.



Save all 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.
- No matter the scale of your data, Clumio backs it up every 15 minutes, ensuring that the latest changes are saved—and can be recovered when needed.



Recover Instantly

- 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, most backup vendors falter in delivering quick recoveries for cloud workloads, and restores take hours.
- With Clumio, not only do you have a one-stop-shop to protect and recover all your data in the cloud (EC2/EBS, S3, RDS, DynamoDB, VMware Cloud on AWS), 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. The speed at which Clumio can recover your data is unmatched. Clumio has the lowest RTO for any cloud data protection solution.



Simplify your cloud backup

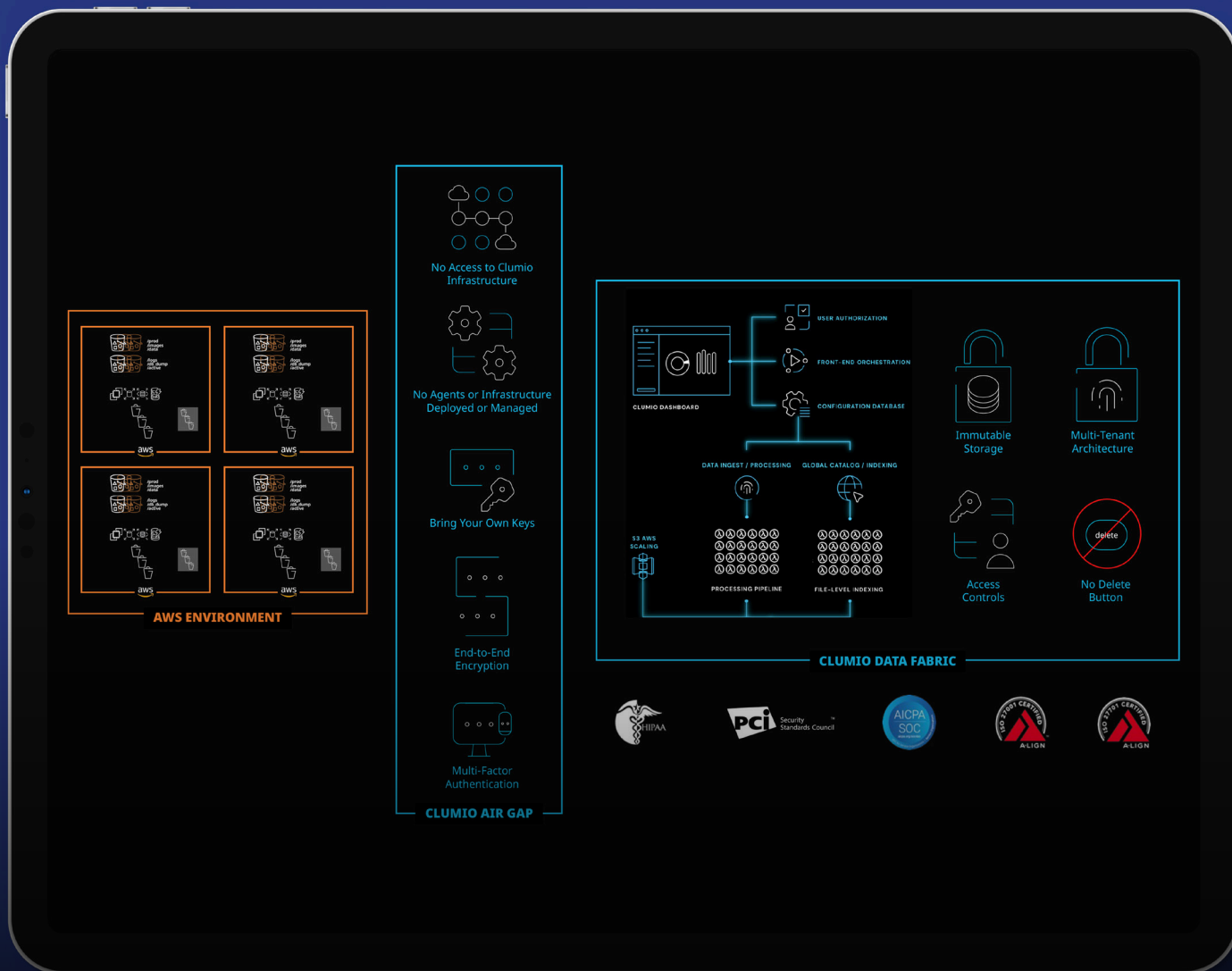
- For a financial services customer handling troves of sensitive data, it is imperative for the protection and recovery to be radically simple. However, as the volume of data grows and spreads across multiple cloud services, snapshot-based backups or DIY tooling like versioning can get very complex and 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 entire data security posture is always at your fingertips.

Why choose Clumio?

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.

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.

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



Simplify cloud data protection for financial services.

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