

Leading Insurance Provider Modernizes Data Protection Infrastructure



A Fortune 50 insurance company, one of the largest providers of property, casualty, and auto insurance in the United States, faced significant challenges with its legacy data protection infrastructure. As data volumes grew exponentially, the company's IT team needed help to complete backups within increasingly tight windows while managing a sprawling array of purpose-built backup appliances.

The insurance giant's data protection environment comprised over 50 individual legacy data protection systems across two primary data centers. This fragmented architecture led to several pain points:

1

Backup window constraints

As data volumes increased, the static backup window became more difficult to achieve, forcing the IT team to constantly add new appliances to handle the ever expanding write throughput required by backups.

2

Operational complexity

Managing dozens of individual systems required significant time and resources, with weekly upgrade cycles consuming valuable IT staff hours.

3

Inefficient data reduction

The company couldn't achieve optimal deduplication ratios with data siloed across multiple appliances, leading to unnecessary storage consumption.

4

Limited scalability

The previous backup target architecture could not keep pace with the company's growing data protection needs, necessitating frequent hardware additions.

Seeking a more modern and efficient solution, the insurance provider turned to VAST Data. After thorough evaluation and proof-of-concept testing, the company selected the VAST Data Platform to consolidate and modernize its data protection infrastructure.

The VAST Data Platform offered several key advantages:

1

Future-proof investment

While initially deployed for data protection, the VAST Data Platform positions the company to consolidate additional workloads, including file and object storage, onto a single, flexible infrastructure.

2

Unified architecture

By implementing VAST's server pooling concept, the insurer could consolidate multiple data protection workloads onto a single, scalable platform.

3

Improved data reduction

The unified namespace combined with Similarity provided by VAST enabled better deduplication across previously siloed datasets, improving from 4-5x reduction to 7x.

4

Simplified management

Replacing dozens of individual appliances with a cohesive VAST cluster at each data center dramatically reduced operational complexity.

5

Scalable performance

VAST's architecture allows the insurer to independently scale ingest performance and capacity, ensuring backup windows can be met as data volumes grow.

About VAST

VAST Data is the data platform software company for the AI era. Accelerating time-to-insight for workload-intensive applications, the VAST Data Platform delivers scalable performance, radically simple data management and enhanced productivity. Launched in 2019, VAST is the fastest-growing data infrastructure company in history.

Looking to simplify your data center and unlock insights from all of your data? **Contact us at** hello@vastdata.com



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The insurance provider deployed four petabytes on VAST Data Platform across its two primary data centers, migrating workloads from legacy systems as they reach end-of-life. Results have been outstanding, with the company seeing significant improvements in data reduction ratios and simplified operations.

The insurer plans to leverage the VAST Data Platform for additional use cases beyond data protection. The IT team is evaluating VAST for file and object storage workloads, aligning with the company's broader strategy of infrastructure consolidation and operational efficiency. In addition, the VAST Data Platform is cost competitive to be a backup appliance, allowing companies to be AI ready when they want to mine their backup data.

By modernizing its data protection infrastructure with VAST Data, this leading insurance provider has laid the foundation for a more agile, efficient, and cost-effective data center environment. As the company continues to grow and evolve, the VAST Data Platform will support its digital transformation initiatives and enable better service for millions of policyholders across the United States.