

## CASE STUDY

### Daido India Reduces Cost and Complexity of Secondary Offsite Backup Using NTT Com-Netmagic's Backup Solution On AWS

#### Requirement

- Daido India wanted their archival secondary copy to be in an off-premise location
- As they were sending tapes to other office locations they wanted to leverage the cloud for archival and reduce their tape utilization
- They wanted to move off tapes as during a couple of drills they were unable to retrieve the archival data due to improper tape handling
- Also the change in tape technology and tape costs were affecting their operational budgets

#### Solution Summary

- NTT Com-Netmagic proposed using Veritas Backup Software to move the secondary archival copy to the Amazon S3 Glacier
- NTT Com-Netmagic will configure Veritas along with setting up their AWS Account, its configurations, and would also manage AWS on behalf of Daido India

#### Benefits

- Daido India team achieved on-premise backups for fast recovery along with using Amazon S3 Glacier for second copy Archival for long term retention
- Eliminated the need for tapes as a medium for secondary copy archival
- Leveraged a combination of Veritas Net Backup and Amazon S3 Glacier cloud-based backup and archival capabilities around durability, security, scalability, internal compliance and pay-as-you-go pricing model
- The data-at-rest was encrypted and the restoration drills were assured

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#### Customer Profile

Established in 2012, Daido India Pvt. Ltd. has gained immense expertise in supplying & trading of Racing chain, drive chain, engine timing chain, etc. The supplier company is located in Alwar, Rajasthan and is one of the leading sellers of listed products.

#### What was the Requirement?

With rising infrastructure needs, the company needed a cost-effective and scalable solution to manage its secondary copy data archival. Daido partnered with NTT Com-Netmagic to assess its needs, take the right infrastructure/vendor choices and migrate its entire data environment to the selected cloud platform.

Daido used traditional tape based backup to offsite the secondary copy of their data for the last few years at an in-house data center. With change in tape technology, tape costs associated with upgrades and maintenance of legacy was affecting their operational budgets. A couple of failed restoration drills got Daido India to seek alternatives to tapes and secondary offsite archival. Daido India team was looking for offsite leveraging cloud for their secondary offsite archival.

They wanted the solution to be easily maintainable, secure, cost-effective, durable and highly available, providing options for upload and retrieval of secondary offsite backup data. It also needed to be flexible enough to meet financial and internal compliance requirements.

#### Solution

- NTT Com-Netmagic evaluated Daido India's secondary data archival needs to understand usage patterns, volumes, internal compliance and security requirements of their existing secondary data archival process.
- NTT Com-Netmagic proposed to keep one copy on premise and second copy to be sent to Amazon S3 Glacier for long-term archival.
- The proposed NTT Com-Netmagic solution was a combination of Veritas NetBackup and Amazon S3 Glacier.
- NTT Com-Netmagic configured Veritas NetBackup to tape out one copy of data to an in-house data center and a secondary copy to Amazon S3 Glacier.
- The data archiving system uses agents to interface with file systems, to facilitate the archiving of critical data on production systems. Veritas NetBackup ensured data protection for the Archival data on Amazon S3 Glacier for File, Email, CRM, ERP and Inventory applications. The secondary offsite backup data on Amazon S3 Glacier is 34 TB. The data is also de-duplicated and compressed for storage efficiency in the cloud.

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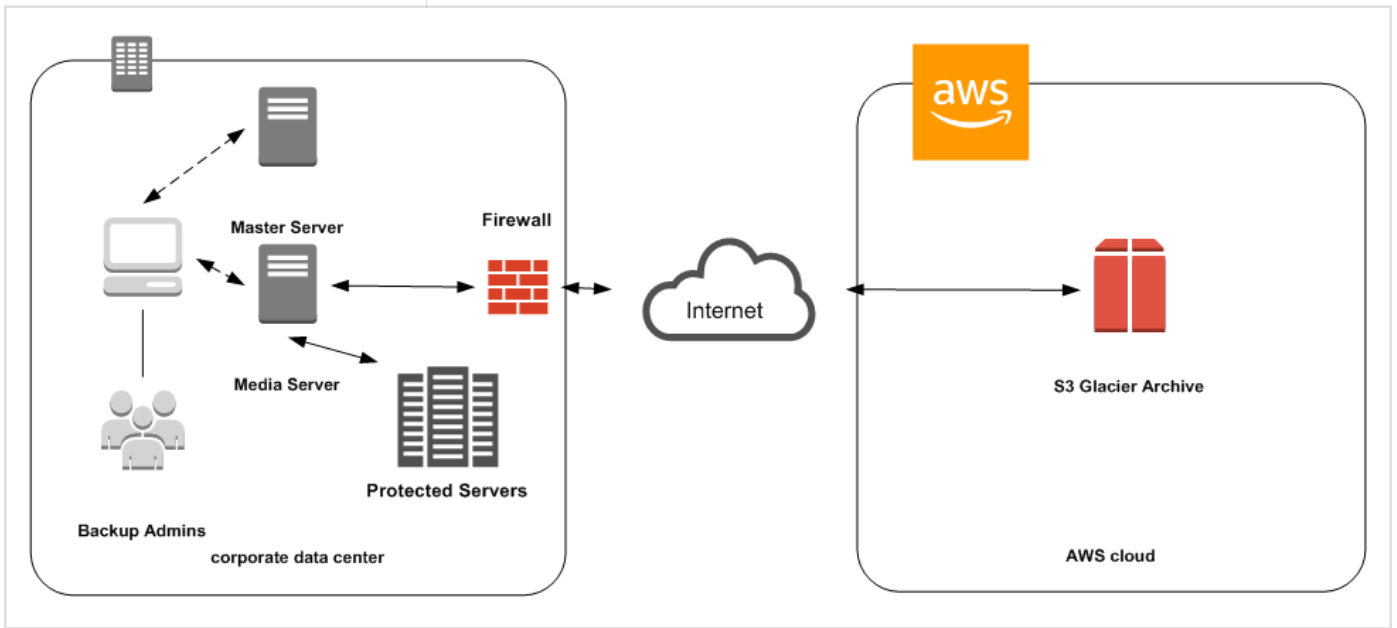


Fig: Daido India Pvt Ltd. Architecture on the AWS Cloud

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#### □ The NTT Com-Netmagic and AWS Advantage

After migrating all secondary copy archival data to Amazon S3 Glacier, NTT Com-Netmagic helped Daido India to modify its existing backup policies to move secondary offsite backup data to AWS S3 Glacier for long term retention. The IT team at Daido India was able to reduce operational complexity and save a large amount of time by minimizing manual intervention sending second copy outside the data center.

The NTT Com-Netmagic and AWS solution provided the following advantages to Daido India's their existing secondary data archival process:

- NTT Com-Netmagic with Veritas NetBackup and AWS S3 Glacier provide unmatched scalability and flexibility to meet growing data backup and archival needs, allowing Daido India to optimize utilization without any extra administrative overhead.
- Daido India was able to effectively meet its desired objective and internal compliance needs by leveraging AWS Cloud.
- The combined solution provided Daido India with ease of operations in their backup and archival activity using in time alerts, schedule detailed reporting, policy base automation.
- As data needs continue to grow, the cloud-based solution will enable Daido India to bring down storage and archival costs significantly in the long run. The pay-as-you-go pricing model has converted their tape CAPEX costs to OPEX costs and saved over 40%.

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