



## Tridel Corporation Case Study

**THE PROBLEM:** Tridel was quickly approaching their SAN capacity and needed a quick and cost-effective storage solution.

**THE SOLUTION:** Softchoice was able to implement a modernized storage solution from AWS and Veeam within one week and within budget.

**THE BENEFIT:** Tridel's new pay-as-you-go storage solution helps them avoid future capital expenditures while also providing scalability and security as they grow.

## THE PROBLEM

Tridel Corporation is Canada's top green condominium builder with almost 18,000 green suites in the marketplace and over 70,000 homes. Their continued mission is to become Canada's leader in quality condominiums, and quality starts with the intention to do their best. For the team at Tridel to continue being leaders in the industry, they needed the tools to adapt and scale their business, starting with their data.

Tridel was approaching total capacity of their SAN and were relying on tapes as their primary backup. Without the capital budget available and the immediate risk of running out of storage, Tridel reached out to Softchoice to assist with an urgent modernized storage solution.

Data consumption is growing at an exponential rate, and traditional on-premises data centers are struggling to meet the demands of scalable and flexible storage needs. The costs associated with purchasing additional hardware are high, and like most hardware they don't have an infinite lifespan, typically lasting less than six years due to technology advancements.

## THE SOLUTION

Softchoice understands there is no one-size-fits-all approach to storage and it's time for companies to start thinking about long term storage plans, not just the next couple of years. According to the Cisco Global Cloud Index, "Hyperscale data centers will grow from 338 to 628 by 2021". Hyperscale data centers refer to cloud providers like Amazon Web Services (AWS) who is the global leader.

With Tridel's immediate need to find a cost-effective storage solution, Softchoice determined that Veeam (an AWS Storage competency partner) would be implemented as the preferred backup solution. By combining Veeam Availability Suite with the AWS Storage Gateway, they helped Tridel use Amazon's S3 object storage as a scalable, resilient and cost-effective tape alternative. Softchoice also implemented intelligent storage with Amazon Glacier, an extremely low-cost cloud storage service for data archiving and long-term backup.

**"We are saving 360 hours per year in operations time, and Softchoice helped us improve performance by 60 percent compared with what we had before."**

– Haseeb Khawaja, Systems Administrator, Tridel Corporation

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## KEY AWS SOLUTIONS IN THE PROJECT

### AMAZON S3

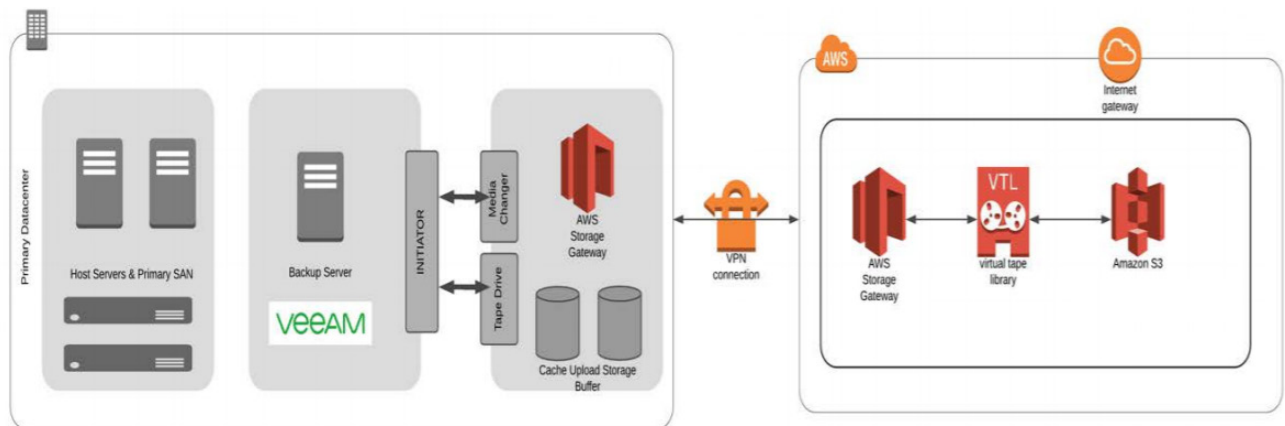
Amazon Simple Storage Service is an object storage service that offers industry-leading scalability, data availability, security, and performance. This means customers of all sizes and industries can use it to store, protect and quickly retrieve any amount of data for a range of use cases.

### AMAZON GLACIER

Amazon Glacier is a secure, durable, and low-cost storage class for data archiving. You can reliably store any amount of data at costs that are competitive with or cheaper than on-premises solutions. To keep costs low yet suitable for varying needs, Amazon Glacier provides three retrieval options that range from a few minutes to hours.

### AWS STORAGE GATEWAY

AWS Storage Gateway is a hybrid storage service that enables your on-premises applications to seamlessly use AWS cloud storage



## THE BENEFIT

Softchoice was able to design and deploy this storage solution in just under a week. This allowed the Tridel team not only to avoid an unbudgeted capital expenditure but also to prevent the disruption resulting from maxing out their primary storage capacity. While the cost avoidance was a quick win for Tridel, the experience with Softchoice and AWS proved to be invaluable.

Not only was Tridel able to reduce their Recovery Point Objective (RPO) from 12 hours to 6 hours, they also significantly decreased their Recovery Time Objective (RTO) by 50 percent with AWS and Veeam. The new modernized solution helped Tridel seamlessly backup over 2TB of data monthly while also run 1000 transactions per month with zero errors.

In summary, Tridel put in place a scalable solution to achieve backup and recovery time objectives with future growth in mind, saving 50 percent from their original on-premises storage solution. "We are saving 360 hours per year in operations time, and Softchoice helped us improve performance by 60 percent compared with what we had before" - Haseeb Khawaja, Systems Administrator, Tridel Corporation.