PACKETFABRIC | TDK InvenSense

CUSTOMER SUCCESS STORY
TDK/InvenSense

CASE STUDY

About TDK/InvenSense

InvenSense, a TDK group company is a world leading provider of MEMS sensor platforms which targets the consumer electronics and industrial areas with integrated Motion, Sound, and Ultrasonic sensor solutions. Founded in 2003, InvenSense is headquartered in San Jose, California with offices around the globe.

PACKETFABRIC

The Challenge

InvenSense was evolving its approach to data backup to be cloud-based, had chosen Rubrik as their enterprise backup solution, and required a secure Rubrik-integrated S3 endpoint.

Due to InvenSense's customer-facing commitments for disaster recovery and business continuity, backed-up data needed to be 100% available on a 24/7 basis. From an implementation point of view, to maintain continuity, InvenSense would need to complete its initial migration of half a petabyte of data to cloud storage within 24 hours. Once migrated, InvenSense anticipated needing a great deal of flexibility in backing up and restoring data with low latency across different regions, and across cold, warm, and hot storage tiers.

After testing three major CSP S3 endpoints, the InvenSense team faced a challenge: unpredictable and potentially excessive cloud storage costs due to variations in fees based on cloud regions, data readiness levels (hot/warm/cold) and frequency of data access. This unpredictability was problematic because the IT team needed to provide a multi-year data management budget forecast to the business.

TDK/INVENSENSE

Frequency of data access

Unpredictable and potentially **excessive cloud storage costs**

Data readiness levels

Variations in fees based on cloud regions

PACKETFABRIC

↓30%

InvenSense was able to reduce their projected cloud storage costs by greater than 30% compared to alternative solutions.

12HRS

InvenSense was able to migrate encrypted data to a PacketFabric storage node data center in under twelve hours.

TDK/INVENSENSE

The Solution and Results

The InvenSense team discovered the PacketFabric cloud storage solution, and were immediately impressed with the cloud offering which provides a region-free service and triple replication across the U.S., making InvenSense's data 100% available, 24/7 – always on in three regions.

With the assistance of the PacketFabric customer success team, InvenSense was able to migrate encrypted data to a PacketFabric storage node data center in under twelve hours.

With PacketFabric's predictable pricing model, InvenSense could easily and confidently budget their cloud storage for the next 36 months. InvenSense was able to reduce their projected cloud storage costs by greater than 30% compared to alternative solutions.

PACKETFABRIC

Build an Agile Cloud
Data Core

Data is the lifeblood of modern organizations. Rising cloud adoption, hybrid work, plus data-intensive business processes and work collaboration demand an agile approach to storing, accessing, and moving data to where it can perform the best for the business.

PacketFabric cloud storage and data mobility solutions empower you to connect, access, move, and protect your data with optimal speed, scale, and cost-efficiency.

PacketFabric Space is a distributed object storage service that offers high performance, robust security, and a simple and consumption model. Leveraging massively scalable connectivity via the PacketFabric Network-as-a-Service (NaaS) platform, Space enables enterprises to cost-effectively store, distribute, and move data on demand.

PacketFabric Transporter provides S3-compatible "data mobility as a service", streamlining the movement and synchronization of data objects across hybrid and multi-cloud environments. There's no need for bespoke data movement projects or wasted time waiting for network connectivity. Instead, data managers can spin-up connectivity on-demand and start moving massive object buckets between clouds without delay.
Learn more at packetfabric.com/cloud-storage

PACKETFABRIC