

Case Study

Domestic and International Film Distributor and Producer

Turns to AWS for Their Backup and Storage Needs

This case study details how Datavail worked with a domestic and international film distributor and producer to solve their backup and storage problems.



The Challenge

Film takes up a substantial amount of storage space and any data loss could be devastating to the business. Our customer needed a cloud solution that could handle 70 TB of total space for backup and storage. They operate nationally and in Europe, which offers additional challenges through potential latency and other impacts on the user experience. The customer also wants a system that has the potential to become a distribution medium for their content.

The customer requirements included:

- Low latency & consistency reads
- High availability
- Data archival
- Secure & authorized storage
- Scalable backup solution that could withstand failure
- Economical

The Solution

The customer reached out to Datavail, seeking a partner to design a cloud-based backup solution that could meet all of their requirements. They had 100 TB of data that was not currently backed up, putting it at significant risk in the event of a disaster. Recovering that much data following a loss would be logistically challenging and require substantial resources.

The first part of the process involved choosing the cloud-based platform that would best serve the current and future needs of the customer. Ultimately AWS S3 was selected as the platform with its lower costs.

We set up the AWS account and optimized it for backups and storage. Backing up the current data was the first priority during this project once AWS was setup. We then established a backup process that accommodated the large files and data sets that were common with this customer. We used a monthly backup cadence to minimize potential disruption in the event of a server crash or another disaster. This schedule is fast enough that limited data would be lost, but long enough to limit the operating expenses associated with backing up and storing films.

The Results

The customer was pleased with the AWS backup and storage solution that we deployed. Their immediate needs were covered through the initial backup process, and the scheduled backup process protected their data in the future as well. AWS also provided a cost-effective option for scaling this solution, as well as serving as a distribution medium.