FORMULA 1 uses AWS DataSync to replicate video archive to Amazon S3

Challenge

- FORMULA 1 has a 400 TB video archive that needs to be backed up regularly to an offsite location, while enabling fast recovery in the event of system failure on premises.

Solution

- Using AWS DataSync, FORMULA 1 copies up to 4 TB per day to Amazon S3.

- FORMULA 1 uses AWS Storage Gateway to provide standard file access to data in Amazon S3 with a local cache for low latency access.

Benefits

- AWS DataSync transfers data quickly and securely to Amazon S3.

- Data is stored durably and reliably in Amazon S3, and all data is encrypted at rest.

- AWS Storage Gateway gives users on-premises access to the video archive in Amazon S3, providing fast recovery from failure scenarios.

Company: FORMULA 1
Industry: Automotive, Media & Entertainment
Country: United Kingdom
Website: www.formula1.com

About FORMULA 1

FORMULA 1 racing began in 1950 and is the world's most prestigious motor racing competition, as well as the world's most popular annual sporting series. FORMULA 1 racing has more than 500 million fans worldwide.

> " We at FORMULA 1 used both AWS DataSync and AWS Storage Gateway services to provide disaster recovery for various data streams. We used AWS DataSync to implement a DR solution for our raw video archive. We chose AWS DataSync as it allows us to sync our current data, totaling 400 TB, to Amazon S3 in a way we could control and it enables us to keep any new data in sync. With AWS DataSync we were able to provide DR by syncing data from our on-premises file server to Amazon S3 at an average of 4 TB per day, and did so with encryption during transfer and at rest. The settings and controls provided by AWS DataSync allow us to control when and how much data we want to sync without harming any other workloads. "

Martynas Juras, Cloud Engineer - FORMULA 1