

## Case Study



# Cloud-based Video Surveillance Solutions Organization Spies the AWS Cloud to Support HA & Scalability

A leading provider of cloud-based video surveillance solutions reached out to Datavail to help with issues with availability and scalability on its on-premise infrastructure.

## The Challenge

- The customer's on-premise infrastructure was expensive to manage
- Limitation of resources led to capacity planning issues
- Delays in resource provision and were unable to scale to meet incoming data growth
- Migrating terabytes of data to AWS

## Solution & Implementation

- Datavail's MySQL team approached the customer with the strategy of capacity planning coupled with shifting their on-premise infrastructure to the AWS cloud.
- This would ensure that their database needs would be met with resources on demand, the ability to scale quickly, and high availability without compromising on performance.
- Datavail's MySQL team recommended using MySQL 5.6 on AWS RDS.
- Xtrabackup and S3 buckets were used along with MySQL native replication to migrate from on premises.
- Datavail modernized some of the database to RDS MySQL and Aurora MySQL and upgrades were made to 5.7.x versions.

## The Results

- The customer can provision resources on demand with built-in high availability and scalability solutions on AWS
- Upgrades to MySQL versions on the fly with minimal downtime, leveraging snapshot backups and expand on read-replicas.
- Faster deployments, automatic failover, fast storage options and ability to auto scale are some of the most sought-after features.

