

CDW Helps Natomas Unified School District Store Their Data in AWS



Customer Overview

Located in California's Central Valley and named the nations second most diverse school district, Natomas Unified School District is the educational home of over 11,600 students spread across fourteen schools.

The Challenge

Natomas needed to migrate in excess of 20 TB of data offsite both to insure data security as well as to meet various state and federal requirements

The Solution

After a thorough examination of all possible options, Natomas opted to use AWS Snowball to gracefully and all-at-once, migrate their data to storage within AWS.

The Benefits

Not only did Natomas meet all their deadlines and regulations, they also saved a significant amount of money by not having to upgrade and expand their data communication network to handle this large data transfer.

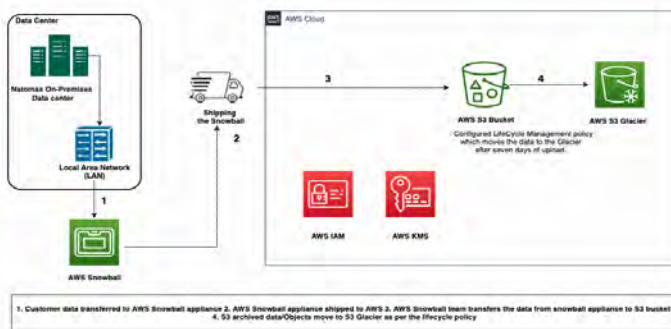
The Challenge

Natomas Unified School District had a data problem – How to move a massive quantity of student and staff data from their facility to an off-site, secure and easily accessed storage facility. Finding themselves faced with an ever nearing deadline in order to comply with state and federal regulations regarding both the location and duration of data storage, Natomas turned to CDW to provide options and expertise for moving and storing their more than 20TB of accumulated data.

The Solution

After spending time consulting with the customer and providing them with all of their alternatives (both AWS and traditional), it was mutually agreed that AWS Snowball was their best option for moving this quantity of data, considering their existing infrastructure and budget. While other AWS options such as DataSync, S3 Transfer Acceleration and AWS Direct Connect were considered, none of them would provide both the time-frame or the savings the customer required.

CDW used Snowball to transfer their 20TB+ of data into S3 storage and then constructed lifecycle policies to enable storage to migrate to different classes for longer-term archival after a pre-determined timeframe.



The Benefits

Natomas was facing a real crisis if they couldn't meet the regulatory requirements or deadlines for moving their data into AWS. Without Snowball, Natomas would have been forced to drastically increase the size of their local loop and data circuits, both of which carry a large upfront and recurring cost. They estimated that the AWS Snowball saved them tens of thousands of dollars in the short term, and hundreds of thousands in the long term, as long-term contracts are required for data pipe increases. Finally, Natomas was able to meet regulatory requirements and do so under budget and well within the time frame.