

## CANADIAN OIL AND GAS COMPANY AUTOMATES DATA MIGRATION

**A Premier Oil and Gas Company Leverages Sureline's SUREedge®  
Migrator to Move from VMware to Nutanix AHV**

### OVERVIEW

An oil and gas company in Canada decided to upgrade their infrastructure from existing legacy systems to Nutanix NX-3x60-GS. The organization initially attempted to manually migrate workloads spread across both physical and virtual machines to a newly purchased Nutanix infrastructure. A key goal for the migration to Nutanix was to alleviate their dependence on the VMware environment and its recurring license fees. With Nutanix they would save on this cost.

### BUSINESS CHALLENGE

The process of migrating servers, databases and other applications manually was time consuming, error prone, and had a significant impact on production servers.. With over 700 servers to migrate and 100+ TB of aggregated data the manual workflow would have taken years to complete.

The organization needed to find a solution to migrate both applications and data to the new platform without impacting ongoing production operations, while limiting any downtime, and completing the process before the next annual VMware billing.

### HIGHLIGHTS

- Migrated 700 servers comprising 100 TB of data
- Eliminated manual migrations
- Migrated 175 servers with 25TB over four weekends

## THE SOLUTION

While looking for solutions to help expedite the migration process one of the key considerations was finding one that would allow them to automate the entire migration process. Upon a recommendation from Nutanix the company engaged Sureline Systems.

Sureline's SUREedge® Migrator was the ideal solution for meeting the company's needs as it has the capability to automate the migration process from a wide variety of operating system flavors and versions across heterogeneous source environments. With SUREedge Migrator's rapid cutover capability the workloads were being migrated without impacting production activities.

Sureline was able to provide a seamless experience to its customer. The first phase was to migrate the oldest servers from smaller remote sites to consolidate locations and eliminate those VMware license fees. The next phase included 175 more critical servers with 25 TB of data which were migrated during four weekends. The last phase consisted of the remainder of the 700 servers with 100+ TB of data were migrated to 46 Nutanix NX-3x60-GS nodes in a planned and automated process.

## RESULT

- Migrated approximately 700 servers from VMware to 46 nodes of Nutanix on schedule

## BENEFITS

- Greatly reduced license fees resulting in dramatic cost-savings
- Stronger, more transparent process of migration
- Virtually no impact on customer
- Increase in performance for migrated workloads
- Dramatic reduction of impact on staff

## ABOUT SURELINE

Sureline enables business agility and productivity, with cloud migration and disaster recovery of any virtual or physical server at the push of a button. Sureline's patented, award winning SUREedge® enterprise-class software solutions deliver application mobility that is secure, reliable and efficient and is key to enabling transitions to public and private clouds, and a myriad of other transformative architectures. Sureline partners with industry leaders including AWS, Azure, Google Cloud Platform, Nutanix, and Oracle. Sureline is headquartered in San Jose, CA., and its products and services are available through a global network of VARs and technology service providers.

2025 Gateway Place, Suite #480, San Jose CA 95110 • Sales: 408-331-7940 • Support: 408-331-8750 • [surelinesystems.com](http://surelinesystems.com)