

*Cirrus Migrate On-Premises was so easy to install and deploy that we were able to lower our costs by performing some of the installation and migration tasks by ourselves with remote assistance from CDS.*

## THE CHALLENGE

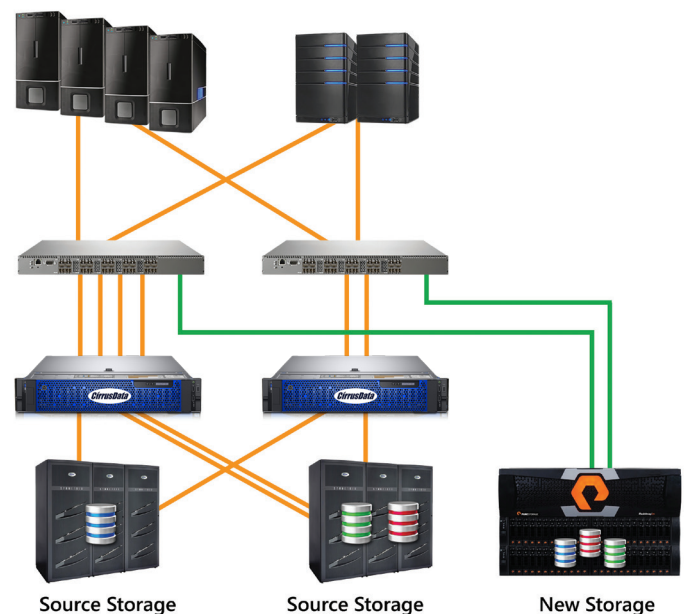
Data migration projects performed for the financial sector can be particularly tricky affairs. Tight security controls, as well as restrictions implemented to ensure migrations do not impact production are added challenges to any bank-related data migration. The customer, a major banking corporation, required a migration of data from two Dell EMC DMX's to a Pure Storage array. The company had budget constraints which forced them to perform this migration without the support of a third-party data migration vendor. Additionally, the SAN was located in a tightly controlled data center where existing fibre channel connections could not be touched.

## THE SOLUTION

Cirrus Data's Cirrus Migrate On-Premises (CMO) has gained a reputation in the storage industry for providing quick, easy, and seamless transitions to new storage, which made the product an excellent choice for this data migration. CMO is easy to install and deploy, therefore the lack of support from a third-party data migration services organization was not an issue.

During the migration, CDS provided some installation support and trained the customer in CMO migration configuration and cutover processes, after which the customer performed the entire project with very little remote support. Since OS upgrades took priority during the maintenance window, the migration was put off until those upgrades were performed, which meant only a limited number of client hosts were included in each migration "wave."

37 Windows / Linux Host Servers



In the end, the customer was extremely pleased there were no production outages during the insertion or migration process, and clients noticed no impact to production. Despite tight deadlines and priority given to functions other than the actual migration, the entire project was completed on time and with a significant cost savings since the customer was able to perform the migration themselves.

## QUICK FACTS

### Customer Type

Major Banking Corporation

### Source Storage

2x Dell EMC DMX

### Target Storage

Pure Storage

### Number of Hosts

37

### Host Types

Windows, Linux

### Host Applications

Exchange, SQL, File Servers, NAS

### Replication Type

Local

### Number of CMO and model

4 x CMO4000

### Insertion Method

Storage Side VSAN

## CHALLENGES

- Budget issues eliminated the service contract with a vendor, requiring customer to perform the migration themselves
- Existing fibre channel connections could not be touched, and access to the data center was tightly controlled
- A maintenance schedule for OS patching was higher in priority than the migration project, potentially delaying the migration schedule

## SOLUTION

- CDS provided installation support and trained the customer for migration configuration and cutover
- VSAN insertion method was used to put CMO into the data path using dedicated migration target ports on the DMX
- Host groups were used in different migration waves, allowing migration to occur around the patching schedule

## RESULTS

- Customer lowered their costs by performing the installation and migration tasks themselves, with remote assistance from CDS
- There was no noticeable performance impact throughout the migration project
- Customer and CDS only needed to be at the data center once, to connect cables and to configure the appliance
- Transparent insertion and a smooth cutover process ensured timely completion of the project
- Offline Secure Erasure (storage scrubbing) of retired storage was performed without any impact to client hosts
- Total number of PS hours to deploy and configure CMO for migration: 41 minutes (and no changes made to existing SAN environment)

## ABOUT CIRRUS DATA

Cirrus Data Solutions Inc. is a leading technology provider of next-generation solutions for data mobility, specializing in block data migration and protection. The company distributes its solutions through systems integrators, managed service providers, channel resellers, and partners including HPE, IBM, Dell Technologies, Microsoft Azure, AWS, Hitachi, NetApp, Pure Storage, Infinidat, AEBs, AHEAD, CDW, SHI, Park Place, Presidio, ePlus, Insight, Computacenter, Sirius, WWT and many others. Cirrus Data Solutions is headquartered in Syosset, New York and has offices located in Dublin, Ireland, and Nanjing with sales and support offices in Boston and Chicago.

To begin your digital data transformation, [visit Cirrus Data Solutions online](https://www.cirrusdata.com).

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