

"CMO is a great migration tool with many tunable parameters to ensure migrations are done quickly and cutovers are completed within downtime windows. Tremendous team effort."
-- Storage Specialist

THE CHALLENGE

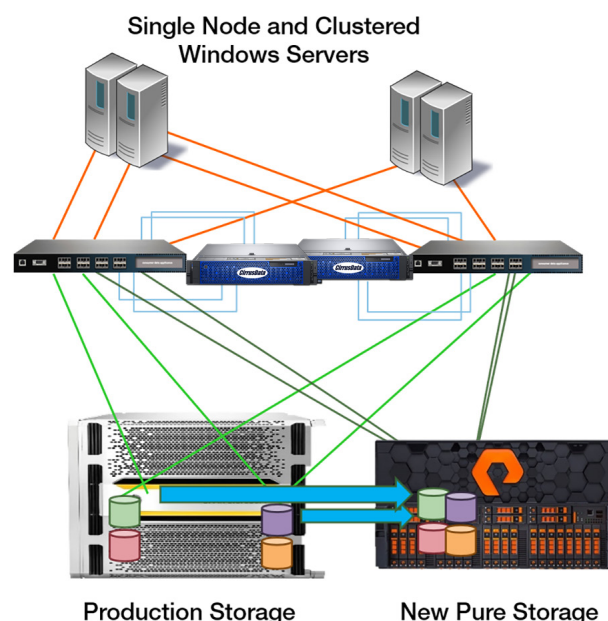
A public west coast county of 3 million is the home of exciting professional sports, a wide range of tourist attractions and quality venues for visual and performing arts. They boast a thriving business economy and a well-educated work force. The County is a regional service provider and planning agency whose core businesses include public safety, public health, environmental protection, regional planning, public assistance, social services and aviation.

All of this means they are sensitive to downtime and have to keep pace for their dynamic community. This county chose to upgrade their IT infrastructure with state-of-the-art all-flash storage from Pure Storage and they needed to move to it quickly with minimal downtime.

THE SOLUTION

Pure Storage chose to use Cirrus Data Solutions and Cirrus Migrate On-Premises (CMO) to seamlessly migrate from their legacy HPE 3Par array to their new X70 FlashArray.

The project consisted of the most critical SQL databases run on two node clusters which needed to be moved to the Pure X70 Storage for improved customer responsiveness and best application performance. Cirrus Data quickly and efficiently moved the data to the new Pure Array.



The county was very happy and stated "Cirrus Migrate On-Premises is a great migration tool with many tunable parameters to ensure migrations are done quickly and cutovers are completed within downtime windows. They migrated data to Pure Storage platform quickly and efficiently. Tremendous team effort."

The entire project was completed in one Month, migrating data during the county's on-line day and coordinating smooth cutovers to the new infrastructure when the county was able.

QUICK FACTS

Customer Type

Public West Coast County

Source Storage

HPE 3Par Array

Target Storage

Pure //X70 FlashArray

Number of Hosts

Multiple multi-node
Clusters

Host Applications

MS SQL Clusters

Replication Type

Local

Number of CMO and model

2 x CMO8000

Insertion Method

Path Insertion

CHALLENGES

- A non-disruptive deployment for block migration
- Limited insertion and migration windows
- Databases required minimum impact on production performance

SOLUTION

- CMO8000's inserted with no downtime
- CMO iQoS used to reduce or eliminate any impact to production environment
- pMotion allowed use of new storage without need to schedule immediate cutover

RESULTS

- CMO migration was performed as data was actively being used
- Project completed in one month
- Customer gave the CMO solution and Cirrus Data high marks

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.

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