



Energy Company Case Study

Situation

Reciprocal recently worked with a major Energy company to address the issue of their object storage platforms reaching end of service life (EOSL). The customer had two EMC Centera clusters with data needing to be migrated onto two new clusters. An assessment of the two existing clusters was necessary to identify if all, or a proportion of the data was needed when migrating to the new devices.

Reciprocal are experts in the field and use specialist software to audit, manage and migrate data to newer supported devices.

Reciprocal's Assessment and Recommendation

The customer engaged Reciprocal to provide a full audit on the machines. Reciprocal used a purpose built reporting application, which has the ability to interrogate the data held within Centera clusters and provide detailed reports on this data. The detailed report highlighted several issues for Reciprocal to overcome:

- Many expired files needed to be deleted
- The existing clusters were not in sync and thus needed to be re-synced
- The customer needed two clusters to be available at all times for resilience
- WAN bandwidth was not available therefore a phased approach using a dedicated appliance for the migration was implemented in order to avoid WAN usage

Summary

Following the Audit, a plan was documented with remedial action for the identified issues. All issues were resolved within 30hours. A throughput rate of 368GB per hour and a total of 10.8TB were migrated. This was based on 4,200 C-Clips with an average C-Clip size of between 3GB and 5GB

The client was extremely satisfied and had this to say about the project:

"We worked with Reciprocal and EMC to architect and redesign the migration of our compliant platform. All of the issues and challenges were resolved and completed over one weekend. We are happy that the new environment is stable and the data is synchronised securely on the new resilient Centera platforms."



Centera Banking and Financial Services Vertical

Archiving data within the Banking and Financial sector has become critical over recent years with greater emphasis being placed on compliance and data protection. Financial Institutions must be able to call upon many records including, statement's, mortgage information as well as trading data. With the explosion of digitally stored data and as more regulations have been applied through the Securities and Exchange Commission (SEC17a4) and SOX (Sarbanes Oxley), the ability to guarantee the protection and recall of the data has become critical.

EMC's Centera is a compliant Archiving platform that allows the Banking and Financial industry to store regulatory information knowing that the data meets their compliance and audit commitments. Applications typically included are voice recording, e-mail archiving, surveillance and security as well as general documentation.

Centera Compliance and Regulatory Reporting Service

The financial markets have invested heavily in the use of Centera's software tool which can provide detailed information and reporting from the Centera. This allows clients to report back to the application owners on how their data is being archived and with documented assurance, which helps the company ensure that the archive is in a compliant state and that they have a solid regulatory platform.

Reciprocal Delivers High Quality Reporting By:

- Assessing the entire Centera estate to provide valuable business information and reporting to eliminate risk.
- We help companies to confirm that they are performing within their compliance rules for each application and their data retention policies.
- We ingest the entire History which is then reviewed with focus on retention, as well as looking at the application and the data that is stored on the Centera.
- We report on any expired data that has not been deleted allowing the business to understand the data and match this against their policies and legal requirements. In turn this helps the company avoid Litigation hold if an Audit is requested or undertaken and also assists with regulatory requirements.
- If the Centera's are out of sync, we can re-sync them very quickly, reporting on any data that was or is missing and ensure that both devices are completely synchronised.
- When migrating we only migrate the data that is relevant, identifying data that has expired but not yet deleted.
- We can report on the capacity ingest and trends, providing accurate sizing for any potential technology refresh.

How We Deliver This

Our reporting application for managing Centera's allowing Reciprocal to look at how your data is being stored from the first ever ingest to the latest write.

Specifically designed to handle large amounts of data, even when spread over millions of files, tens of thousands of customers and many countries. The design also offers unmatched reporting of data without a single failure. This is why the Banking and Financial Markets can use Reciprocal to handle the job of charging back the storage costs on an individual user basis.

Banks and Financial Market companies can use accurate Charge back data across clusters for over 50,000 + employees, and on large volumes of data they can identify and charge against a single instance. In addition to tracking usage, Companies in the Banking sector are now convinced that Reciprocal is the solution for effective and compliant management of their Centera estate.