

Case Study

From Complexity to Cohesion

How Seamless Data Management of 40 Petabytes Strengthened Financial Insights and Operations, Empowering a Top Fortune 20 Financial Services Giant to Drive Innovation and Success at Scale

For a Fortune 20 financial services institution, the task of consolidating and standardizing 13 years' worth of data from 6000 offices worldwide was a monumental challenge. With varying legacy standards due to multiple acquisitions and increasing storage costs, the institution sought a comprehensive solution. Data Dynamics stepped in with their Unified Unstructured Data Management Software, offering automation seamless migration and advanced analytics to address the complexities of unstructured data management and pave the way for a standardized and consolidated data ecosystem.



Business Need

Standardization and Data Consolidation on a Global Scale

- **Data Consolidation:** Bringing uniformity and consistency across a sprawling global footprint.
- **Global Standardization:** Implementing a standardized approach across all offices worldwide.
- **Legacy Hardware Migration:** Migrating 13 years of data from legacy hardware residing in 6000 offices to a targeted storage platform.
- **Migration Automation:** Automating the migration process to reduce risks and ensure smooth transitions.



Challenges Faced

Taming Unstructured Data and Overcoming Legacy Infrastructure Risks

- **Massive Unstructured Data:** Handling a vast expanse of unstructured data scattered across their operations.
- **Global Consistency:** Struggling to maintain consistency and standardization across their widespread presence.
- **Legacy Infrastructure Complexities:** Coping with various legacy standards resulting from multiple acquisitions.
- **Escalating Storage Costs:** Dealing with rising storage expenses as data volumes grew.
- **Migration Risks:** Navigating the risks associated with transitioning from legacy infrastructure to a new platform.



Solution Offered

A Unified Data Management Software for Optimization

Data Dynamics offered a comprehensive solution with their Unified Unstructured Data Management Software:



CIFS and NFS Migrations

A single software to manage CIFS and NFS migrations from NAS platforms to the targeted storage platform, ensuring data security and risk-free migration.



Migration Automation

Implementing automation to update DFS links automatically, streamlining the migration process.



Policy-Based Approach

Maximizing user data access, minimizing cutover windows, downtime, and disruptions related to file storage rebalancing, migrations, consolidations, and tech refreshes.



Data Consolidation and Governance

Enabling data consolidation, effective data governance, intelligent data insights, and data lifecycle management to be introduced in parallel, streamlining operations.



Business Impact

Standardization and Global Efficiency

- **Global Standardization:** Driving global standardization improved downstream automation, efficiency, and risk management.
- **Massive Data Migration:** Use analytics for migrating more than 40PBs of data distributed across 35,000 volumes on 876 filer nodes, achieving data location optimization and cost savings of over \$37M.
- **Infrastructure Consistency:** Ensuring consistent deployment of infrastructure across all data centers globally.
- **Streamlined Data Management:** Empowering customers to manage and consolidate petabytes of data with a single pane of glass using the unified data management software.



Conclusion

Data Dynamics played a pivotal role in empowering the Fortune 20 financial services institution to achieve global standardization and data consolidation. With a seamless migration of 40 petabytes of data and the introduction of efficient data management practices, the institution unlocked new levels of efficiency, streamlined operations, and fortified their risk management strategies. Armed with a unified data management software, the institution is now poised for a future of standardized excellence and global scalability.

Your next chapter of success awaits; let's write it together with Zubin.

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