



Case Study: Data Archiving

Regulatory Compliance and Increased Performance

Business Challenges

Our client faced two looming challenges – **performance and compliance**.

The first challenge – performance – had been gradually building over a period of a few years as upgrade activity resulted in multiple Supply Chain Management environments. Compounding the issue, as a Fortune 500 company, our client was accumulating substantial amounts of data in each environment and as a result, nightly processing was dangerously close to not finishing on time. The second challenge – compliance – affects many organizations. HR data retention had to be brought back into regulatory compliance to ensure that it met with privacy legislation.

To overcome these challenges, potential data archiving solutions were evaluated. As part of this evaluation, Princeton Softech an IBM company was engaged, whose enterprise solutions align application data management with business objectives through its leading **IBM® Optim™ solution**. A Princeton Softech partner, BTRG was engaged to assist with the proof of concept and implement the data archiving solution.

Approach

BTRG and Princeton Softech partnered together to deliver data archiving solutions for the client’s HR and Supply Chain systems. Initially, it was believed that the root cause for performance issues was high data volumes and that data archiving alone would provide an adequate solution.

However, BTRG’s approach was to evaluate the system as a whole. In doing so, BTRG determined that high data volumes were only part of the issue and as a result the initial data archiving solution was broadened to include database and application tuning. This approach delivered superior results yet, because of BTRG’s experience, did not increase the cost.

With the SCM performance issues resolved, BTRG turned its attention to the HCM modules where data retention needed to conform to new regulations. Using delivered Optim configuration, BTRG was able to accommodate the client’s data challenges and unique HCM requirements which resulted in a cost effective customization.

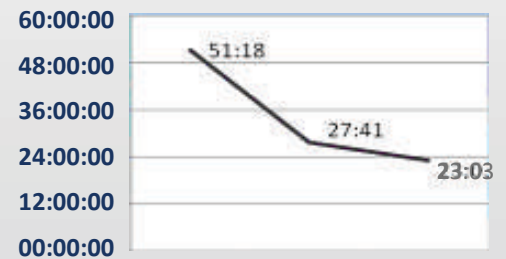


Client Background

Known as the materials pioneer and world leader in specialty glass and ceramics, our client is now a leading provider of optical fiber, cable products, and communications network equipment. In addition, our client creates and makes keystone components that enable high-technology systems for consumer electronics, mobile emissions control, telecommunications and life sciences and delivers solutions for a number of industries including semiconductor, aerospace, defense, astronomy and metrology.

INV Costing Process Improvement

Multiple Business Units



Overall Run Time (In Hours)



Solution

Drawing from extensive application knowledge, BTRG consultants worked closely with the client to deliver a quality solution across HCM and SCM PeopleSoft modules, implemented IBM's Optim data archiving solution utilizing BTRG's methodology to configure and optimize the software to meet unique business needs, and advised the client how archiving high volume tables would effectively increase system performance and comply with industry and regulatory standards. We tuned the SCM applications using both application modifications and database techniques such as materialized views, indexing and database reorganization.

Results

BTRG's strategic approach and technical competency in resolving performance and compliance issues delivered tangible results. HCM was brought back into regulatory compliance and there was a 60% increase in the performance of the SCM modules. After data was tuned and archived as shown in the graph, overnight processing time was greatly reduced, which eliminated the risk of delayed product delivery.

Our client experienced a 60% increase in performance of its SCM Modules.

Contact BTRG today to assess which data solution will help your organization!

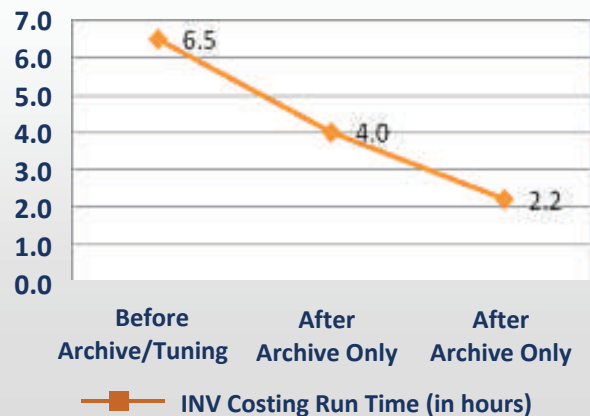


About BTRG

The Business and Technology Resource Group, Inc. (BTRG) works with clients to bridge business and technology. We achieve this by delivering highly qualified, multi-disciplined technical and functional consultants who understand the art of business management. Our early commitment to leading ERP packages and technologies positions us as your best choice to lead your next data archiving or ERP implementation or upgrade project. BTRG is an IBM/Princeton Softech partner and an Oracle Certified Partner.

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INV Costing Process Improvement
Single Business Unit



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