

## Case Study – SAP Data Archiving

**Customer**      **Major High-tech Company**  
**Industry**      **Semi-conductor**

### About Customer

A major semi-conductor company based in the Silicon Valley, California and the world's leading supplier of process control and yield management solutions for the semiconductor and related microelectronics industries. The company's products and services enable integrated circuit manufacturers to manage yield throughout the wafer fabrication process from research and development to final mass production yield analysis. In addition, it provides manufacturing with older technologies and refurbished certified tools. The company also provides other services, such as on-site repair, system installation, and educational services. It sells its products and services through direct sales force and distributors primarily in the United States and Japan, as well as in Europe and the Asia-Pacific region.

### Business Challenge

The company deployed SAP in 1995 and the consequent high volume of data growth was a major concern for the SAP Program management. The total database size in the production environment was fast growing and it was decided to implement the archiving strategies.

### QS&S Solution

The team performed a detailed system assessment of the database growth. It was observed that the Financials data was one of the main causes of huge data growth. A detailed requirements were gathered to understand the retention policies for statutory and compliance requirements. After understanding the detailed business requirements, the archiving plans were designed. The archiving plans covered the archiving objects, business data elements, retention periods and retrieval plans. In addition to standard archiving configuration, major custom programs were enhanced to retrieve the financials from archives. Archiving execution procedures were put in place to periodically archive the data.

### Benefits

- Improved performance of SAP transactions and background jobs
- Significant benefits to overall SAP investment

### Technology

- SAP Enterprise - version 4.7
- SAP Application Modules – Financials, Controlling
- IXOS
- DART (Data Archiving and Retention Tool)

### Methodology

- Identify the main archiving objects that were contributing to the total data volumes

- Understand the business requirements with regards to retention policies
- Set up IXOS connectivity with SAP system so that the archived files in SAP would be automatically stored in IXOS
- Design and develop the Archiving Strategies – plans, periodic execution frequencies
- Implement the Archive Information System (AIS) for faster access to archived data
- Enhance custom programs & reports to access Archived data from IXOS, in addition to the SAP database

### Why QS&S?

- Acknowledged SAP Experts in the industry
- Deep knowledge and understanding of Archiving
- Most qualified team with Business, Functional and Technical Skills

### About QS&S

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