

## Case Study – Chart of Accounts Conversion

**Customer**      **Global Giant**  
**Industry**      **Engineering Division**

### Business Challenge

The company has been already using classic FI for over ten years. The company had gone live with a 4 digit chart of accounts based on its legacy systems configuration. After a period of global expansion they had reached the limits of their chart of accounts extension. New accounts could not be easily created to meet reporting requirements, additional identifiers in the code block had to be brought into play to allow effective reporting, which complicated data entry. Reporting, e.g. Balance Sheet and P&L, did not use contiguous number ranges to simplify reporting, multiple sets had to be maintained to allow report write reporting. For custom ABAP based reporting this added a layer of complexity as well.

### QS&S Solution

QS&S was requested to perform a Chart of Accounts rationalization project. On identifying the underlying problem of the restricted 4 digit chart of accounts we proposed a conversion to move to a 8 digit Chart of Accounts. The QS&S team recommended activation of Group Currency for all USD company codes in FI-GL. The QS&S team used the in-house built System Re-Organization solution approach with detailed & comprehensive methodology. Using the toolset the existing transaction data, sets, variants, custom tables and custom reports were updated. A detailed project plan was developed, which included three full test conversions, multiple data check points and extensive transactional testing.

The major challenge during the conversion was of huge data volume. The ‘Downtime Minimizer’ option was utilized to significantly reduce the actual production system downtime.

### Quick Facts

- Corporate Chart-of-Accounts & Currency transformation
- 250 Company codes world-wide
- 2 Global SAP instances (ECC & BI/BW)
- More than 8 Tb Database
- More than 1 Billion Objects converted
- 6 Conversions (5 test conversions, out of which, 1 conversion for reducing the system downtime)

### Benefits

The conversion to a 8 digit Chart of Accounts allowed the customer to reorganize the existing accounts into a more logical number ranges and rationalize account usage across company codes

- Fully automated conversion with minimum downtime
- Project completed within time and budget (aggressive timeline)

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- One of the smoothest conversions with least impact to business

### Technology

- SAP ECC 6.0 & SAP BW
- SAP Application Modules – All modules

### Methodology

QS&S's SAP Data Re-organization Optimizer (SDRO) toolset and approach was focused on the following areas:

- Self-developed structured methodology for the conversion process, which has been developed by experience and tested over multiple conversions
- Phased methodology with step-by-step guide to manage the whole conversion cycle
- The methodology offers extensive analysis and validations functions for managing the scope and impact – functional applications usage and technical tables usage
- Offers very granular level Audit and Validations controls to assure the consistency and integrity of SAP data – before and after the conversion
- Offers flexible mapping options to manage the data to meet dynamic and changing requirements
- Extensive and robust technical features to manage extremely large amount of data, with options to split the jobs, create system recovery points, simulations and optimal performance
- Offers options to manage business impact – Minimum downtime and minimum resources
- In-built project management tools for managing critical initiative – Dashboard, Step-by-step guide, Traffic-light status, Detailed tasks/activities/sub-activities, Documentations and more
- Little project effort needed because of extensive object libraries
- Tools for the verification of system consistency

### Why QS&S?

- Acknowledged SAP Financials Experts in the industry
- Managed, handled many of the most complex Financials projects
- Most qualified team with Business, Functional and Technical Skills
- Deep knowledge and understanding of SAP processes, procedures and functions

### About QS&S

Quality Systems & Software (QS&S) is a Business & Technology consulting firm with special focus on maximizing ERP investment. QS&S offers full-scale SAP services including – [Global Roll-outs](#), [BPC](#), [New G/L](#), [GRC](#), [GTS](#), [Fresh implementations](#), [Upgrades](#), IT Support, Remote Consulting, Offshore Development and more. Our experienced team is ready to take on new initiatives and projects up to \$10 million. For more information, please visit us at <http://www.QSandS.com> to review our offerings and services.