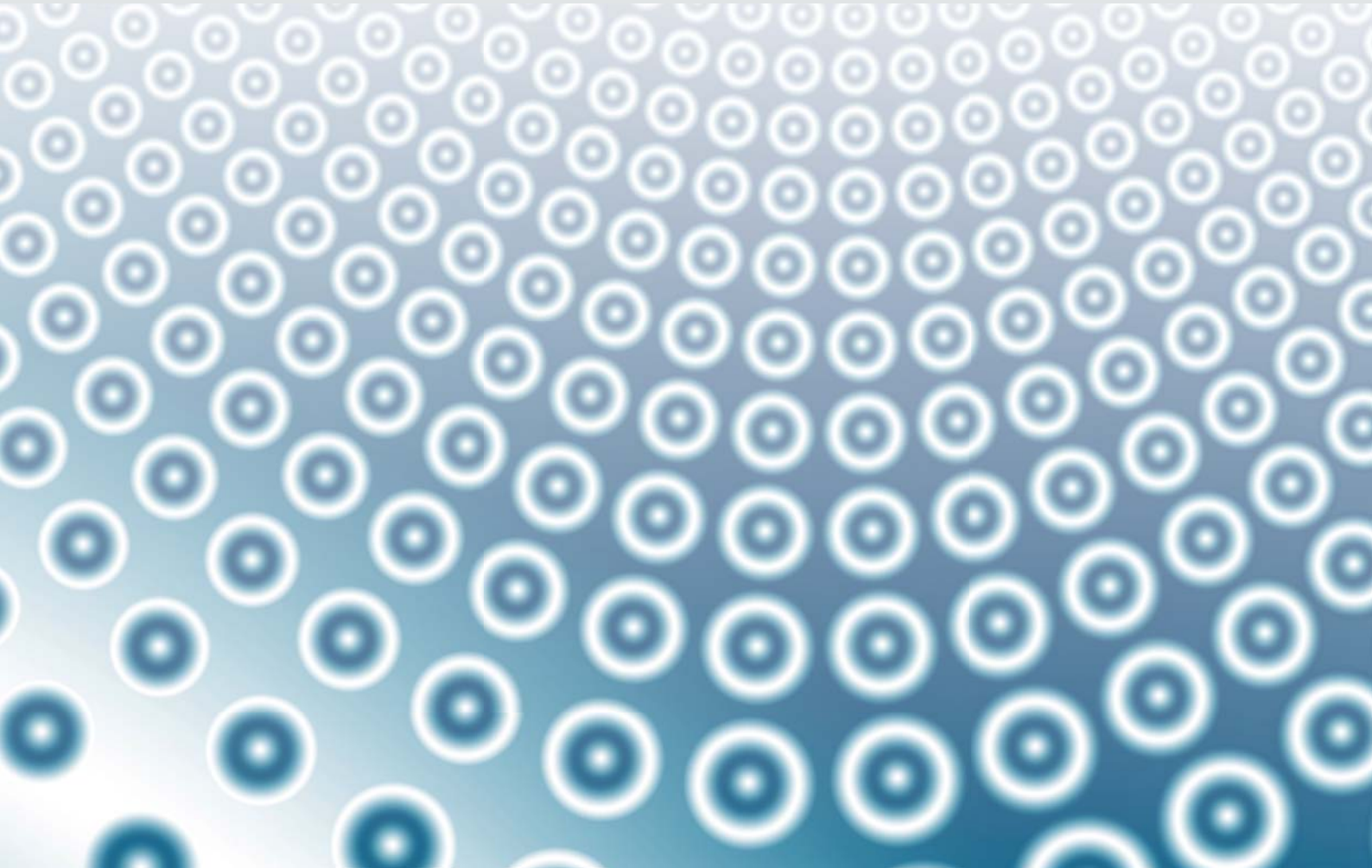


# System Landscape Optimization and Data Migration for SAP System Environments



**cbs SHC Framework Solutions**

# Mastering the SAP restructuring challenge. Efficient solutions through one single framework.



Today, companies have the recurring requirement to reorganize, consolidate, and separate their SAP applications and to migrate countries or business units into new or existing SAP system environments.

With cbs SHC Framework solutions, cbs Corporate Business Solutions enables companies to master SAP reorganization, consolidation, and migration projects with significantly reduced costs and risks.

By using cbs SHC Framework as strategic technical solution, companies are able to comprehensively manage requirements to standardize, harmonize & consolidate their SAP landscape.

With a business-driven approach, cbs SHC Framework solutions offer a more flexible, cost-effective, and reliable way to project success.

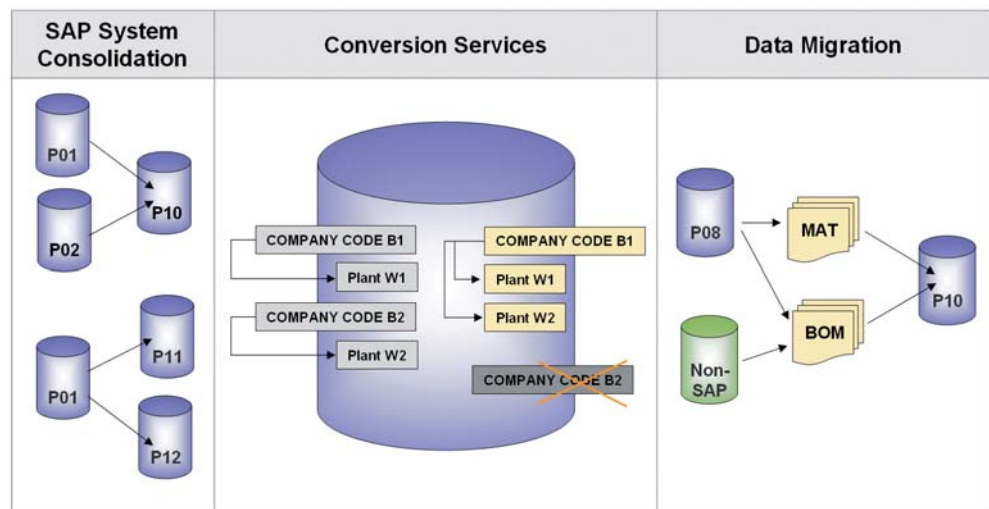
With its completeness as technical solution, cbs SHC Framework permits companies to industrialize SAP SHC (Standardization, Harmonization, Consolidation) projects through one single framework.

cbs SHC Framework. The answer to multiple, complex questions.

# System Consolidation. Conversion. Data Migration.

With the SHC Framework, cbs offers comprehensive solutions for technical restructuring, landscape optimization, and data migration for SAP applications. This brochure briefly illustrates the multiple functions and services for analysis & optimization, system landscape consolidation, conversion services, and data migration as well as the general architecture and specific project approach.

**One technical solution. For the whole range of restructuring demands.**



# cbs SHC Framework

A fully integrated, strategic SAP restructuring solution. Unique on the market.

## Built with more than 14 years of experience.

The cbs SHC Framework incorporates cbs' experience from over 14 years of global SAP restructuring and data migration projects.

## Unique by its completeness.

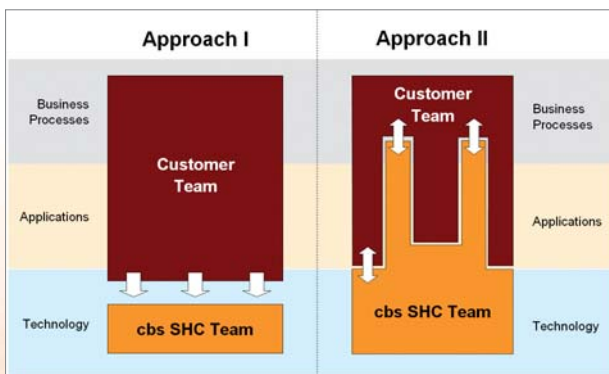
Today, it is the only fully integrated and strategic solution on the market to cover all requirements concerning data conversion, system landscape optimization, and data migration for SAP system environments.

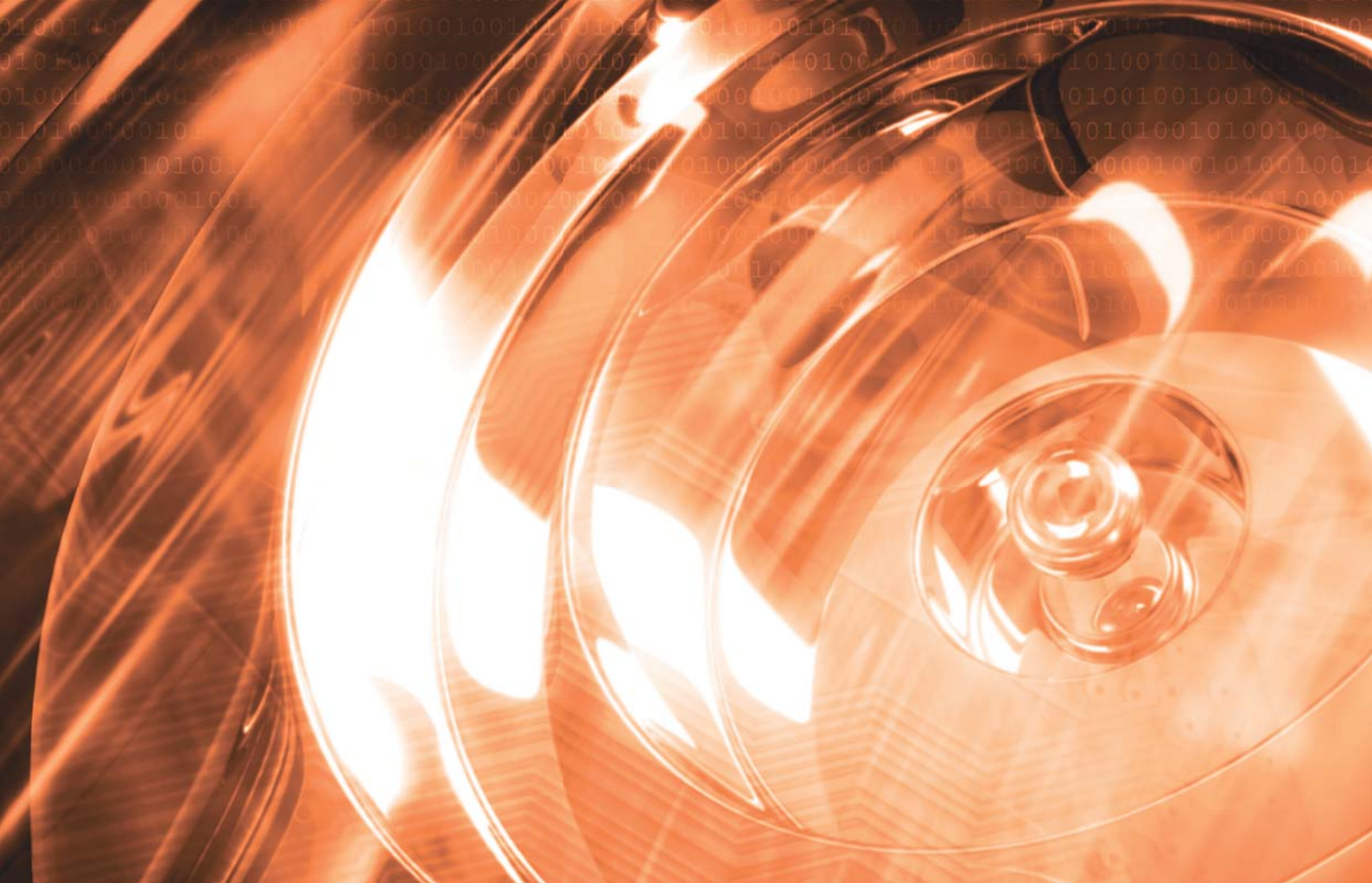
## Standardization, Harmonization, Consolidation: M-cbs for SHC Projects with SHC Framework.

In combination with the project methodology M-cbs for SHC Projects, the cbs SHC Framework enables a holistic, flexible, and cost-efficient approach to all kinds of standardization, harmonization, and consolidation projects.

### Open to different project approaches

M-cbs for SHC Projects offers customers a flexible level of involvement appropriate to their specific requirements and available resources.



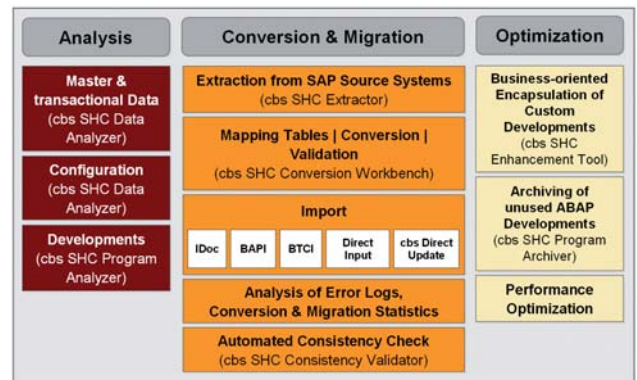


Due to its generic architecture and object-based approach, the cbs SHC Framework handles large data volumes with high performance and minimal downtimes.

The figure illustrates the high-level architecture of the cbs SHC Framework solution.

A unique feature of the framework is the **SHC Consistency Validator**, which facilitates extensive validation of the converted and migrated data.

As **compliance** becomes an increasingly important requirement for all companies, the **SHC Conversion Workbench** provides a comprehensive logging mechanism to document and summarize changes to the relevant production data.



# Analysis & Optimization

cbs SHC Framework Solutions



*Based on the SHC Framework, cbs offers various services and tools for analyzing and optimizing SAP system landscapes.*

## Technical Process and Data Analysis

**System check** to evaluate the feasibility, requirements, risks, and efforts for a technical restructuring or system consolidation, taking into account the currently implemented business processes, objects, and data volume.

## System Analysis for Project Budgeting and Planning

If a company plans a specific technical reorganization or consolidation project, this service determines the relevant data volumes, dependencies, companyspecific objects, and enhancements as well as decision criteria for detailed project budgeting and planning.

## Technical Analysis and Optimization of Custom Developments

Using the SHC Program Analyzer the analysis determines the frequency of utilization of SAP custom developments, potential performance bottlenecks, and Unicode support. Used in advance of SAP release upgrades it enables companies to identify potential risks and necessary preparatory steps for technical upgrades.

# System Landscape Consolidation

cbs SHC Framework Solutions

*The cbs SHC Framework enables the technical consolidation and optimization of SAP system landscapes.*

## Consolidation of SAP Systems and Clients

- **Client Transfer**

Migration of an existing client to another new or existing SAP system environment

- **System and Client Split**

Migration and removal of SAP client from an existing SAP system environment; split of one SAP client into multiple clients in the same or different SAP environments

- **System and Client Merge**

Merge of multiple SAP systems and clients with the same or different SAP source releases

## Transfer of Legal Entities and Business Processes

- **Transfer of Legal Entities**

Transfer of subsidiaries or business units (e.g. a specific SAP company code) into another SAP system or client

- **Transfer of Business Processes**

Transfer of specific business processes into another SAP system, e.g. migration of sales & distribution processes into one global sales system

# Conversion & Data Harmonization

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*The conversion portfolio of cbs SHC Framework comprises conversion and harmonization of organizational units and master data as well as SAP application configuration.*

## Conversion of Organizational Units

Merge, split, and renaming (harmonization) of:

- Operating concerns, controlling areas
- Company codes
- Sales organizations
- Purchasing organizations
- Plants
- ...

## Harmonization of Master Data

- Deletion of duplicates
- Cross-system harmonization of master data
  - › Chart of accounts
  - › Profit center
  - › Cost center
  - › Material numbers
  - › Customer
  - › Vendor
  - › ...





## **Standardization of Application Configuration**

Cross-system standardization of application configuration including dependencies with master and transaction data

- Payment terms
- Product hierarchy
- Material types
- Material classes
- Valuation classes
- ...

## **One-step-Migration to SAP ERP New General Ledger (New GL)**

This solution comprises the direct migration of existing financial and controlling data to the new general ledger (New GL) of SAP ERP including all historical data.

# Data Migration

cbs SHC Framework Solutions



## Data Migration to SAP. From SAP and non-SAP Systems.

On the basis of M-cbs for SHC Projects with SHC Framework, cbs offers an alternative, business-oriented project approach to accelerate data migration and to mitigate risks through iterative and incremental migration steps.

The cbs SHC Framework can migrate single object types (e.g. material master) in any status, including historical data. It supports data migration from SAP as well as from non-SAP systems.

Proven in many migration projects, the cbs SHC Framework handles large data volumes with minimal downtimes.

In comparison with classical data migrations based on SAP LSMW or custom-developed migration programs, the cbs SHC Framework saves up to 50% of the project costs.

## Test Data Migration

When creating test systems, companies expect to have actual and real production master data as well as transaction data to obtain realistic results. Due to the considerable size of their production system databases, many companies struggle to duplicate their complete SAP production databases, which causes additional storage costs for their test environments.

To limit the size of test system databases, the cbs SHC Framework enables the migration of single object types including all dependent transaction data, e.g. sales orders for a specific sales organization including all related deliveries, invoices etc.

The cbs SHC Framework allows updates to be scheduled on regular basis for defined objects or all data connected to specific business processes. Companies can keep their test environments up to date.



# cbs Corporate Business Solutions

cbs Corporate Business Solutions is a premium supplier of global SAP solutions to international companies.

cbs provides comprehensive consulting services, methodologies and solutions for corporate restructure and standardization, harmonization and consolidation with SAP as strategic IT business platform.

As the management consultancy of MATERNA GmbH, cbs represents the consulting and SAP expertise of the largest owner-controlled, international IT service provider of German origin.



**CORPORATE BUSINESS SOLUTIONS**

**cbs Corporate Business Solutions  
Unternehmensberatung GmbH**

The MATERNA Group Management Consultancy  
Heidelberg | Dortmund | Munich | Hamburg |  
Berlin | Kopenhagen | Paris | Zurich

Head Office:

Im Breitspiel 19 | 69126 Heidelberg - Germany

T +49 6221 3304 0 | Fax +49 6221 3304 200

[contact@cbs-consulting.com](mailto:contact@cbs-consulting.com)

[www.cbs-consulting.com](http://www.cbs-consulting.com)