CIMT S/4HANA MIGRATION FACTORY

Beyond Migration: Turning a Duty into an Asset

The cimt S/4HANA Migration Factory moves data from one or more legacy ERP systems into one central SAP S/4HANA system – cleansed, harmonised and verifiable. Delivered with Qlik Talend Cloud, preferably on AWS.

STARTING POINT

Ready for S/4HANA and the end of SAP ECC 6?

Moving from a grown legacy ERP system to SAP S/4HANA is first and foremost a data challenge. Duplicates, special cases and archive data must be transferred cleanly – and in the end you need proof that everything arrived complete and correct.

We have bundled the experience from many S/4HANA migration projects into the cimt S/4HANA Migration Factory, so you achieve more than a mere system switch.

Typical questions before the project starts

- Can we merge multiple systems into one central, modern S/4HANA system?
- How can we reduce data and migrate archive data efficiently?
- Is it worth reorganising the data?
- What is the right plan for transferring numerous legacy systems into a new system?
- How do we obtain a post-load report to assess the success of the migration?
- Can we modernise and cleanse our data and structures during the migration?

BENEFITS

Five reasons for the Migration Factory

1

Merge heterogeneous sources

SAP systems and beyond – into one central S/4HANA.

2

Reduce & harmonise data

Leaner, more consistent and more efficient in the new system.

3

Improve data quality

Through active data stewardship and automated validation.

4

Modernise & integrate

Extend the migration pipelines into a modern data hub and data warehouse.

5

Tailored all-in-one solution

Customised to your system landscape and your requirements.

APPROACH

How the migration works – step by step

The Migration Factory takes the data from all source systems through a defined pipeline: every step produces a defined data state, data stewards step in where it matters, and at the end a report proves the result.

01 Extract — Consolidated staged data

Data from all source systems – SAP and non-SAP – is moved into a shared staging area.

02 Profile — Quality profile

Structure, content and quality of the data are analysed automatically. Issues surface early.

03 Cleanse & transform — Cleansed data

Duplicates, gaps and errors are fixed – automated where possible, with data stewards where necessary.

04 Mapping — Data in target format

Standard and customer-specific rules bring the data into the S/4HANA target format.

05 Sign-off — Validated data

Data stewards review and approve the data. Faulty records are routed back to cleansing.

06 Load — Data in S/4HANA

The approved data is loaded into SAP S/4HANA.

07 Monitor & report — Audit report

Reconciliation reports compare source and target and document the result for audit purposes.

Automatic reject flow

Records that fail sign-off are automatically sent back to cleansing – nothing gets lost.

Metadata across all steps

Every step is logged, so the migration status is transparent and traceable at any time.

PROJECT PHASES

01 Analysis & mapping

Capture data objects, source structures and special cases; define mapping and transformation rules.

02 Transformation & cleansing

Consolidate, cleanse and harmonise the data and reduce it to what is needed.

03 Test migration & validation

Stabilise mapping and data quality over several test cycles.

04 Cutover & hypercare

Prepare and support the production migration and stabilise operations.

USE CASES

Typical use cases – and how we solve them

In many S/4HANA migration projects we have solved exactly these tasks – with concrete solutions, proven methods and a holistic approach. This experience is built into the Migration Factory.

01

Migrate multiple source systems

- SAP systems such as ERP, BW or CRM
- Non-SAP systems such as MS Dynamics or databases
- Including the replacement of SAP IS-U
- All sources into one central S/4HANA system

02

Reduce or enrich data

- Save costs by reducing data where it makes sense
- Create golden records for objects that exist in several source systems and formats
- Automated where possible – manual where necessary
- Include and transfer archive data

03

Ensure high data quality

- Validation against databases and web services
- Validation according to semantic types
- Validation according to custom business rules
- Resolve data quality issues automatically and manually

04

Process complex mappings

- Harmonise different, partly acquired systems into one target system
- Move to consistent number ranges
- Apply your specific internal business rules
- Mappings for all standard objects
- Customer-specific mappings, including custom function modules

05

Enabling control

- Multi-step workflows for data stewardship
- Automatically generated audit reports
- Access to the migration status at any time
- Meaningful error handling

The result: an SAP migration that is not only safe and efficient, but delivers measurable project success – structured, traceable and future-proof.

THE BUNDLE

Platform, software and consulting from one source

With cimt, Qlik and a cloud provider of your choice – or on-premises – you benefit from the optimal mix of proven consulting, a powerful migration framework, modern data integration tools and flexibly scalable data services.

PEOPLE & KNOWLEDGE

cimt

Proven consulting and a field-tested migration framework for a smooth migration experience.

- Industry-standard practices from SAP migrations
- Experience in data integration and data quality
- Support from analysis to hypercare

SOFTWARE & SOLUTION

Qlik Talend Cloud

Modern data integration that delivers complete and trusted data.

- Data integration, data quality and data stewardship on one platform
- SAP connectivity first-hand: cimt developed key parts of the SAP connectors in Talend Studio

RESOURCES & SERVICES

Cloud or on-premises

Flexibly scalable data services for database and runtime environment.

- Preferably on AWS
- Other cloud providers possible
- Or operation in your own data centre

WHY CIMT

Your partner for S/4HANA data migration

- Qlik Elite Partner and Talend Platinum Partner since 2009
- More than 100 trained Qlik Talend data integration experts
- SAP Gold Partner with SAP expertise within the group
- Key parts of the SAP connectors in Talend Studio developed by cimt
- Migration experience in the energy sector, e.g. replacing SAP IS-U
- Pragmatic project partner with more than 300 consultants in the cimt Group

CONTACT

Ready to kick off?

Get in touch. Together we look at your legacy systems and your data and show how the Migration Factory makes your S/4HANA migration predictable.

Michael Schwarz
Head of Business Enablement & Customer Relations, cimt
michael.schwarz@cimt-ag.de · +49 40 533 02-231
cimt-ag.de/en/cimt-s-4hana-migration-factory