Carving out multiple

JDE and SAP systems into SAP S/4HANA

SAP® Certified
Integration with SAP® S/4HANA on-premise edition

SAP® Certified
Integration with SAP Applications

dataZap™ Whitepaper

Client Overview

Our client is a leading pharmaceutical company operating globally that was spun off from its parent, as part of a divestiture.

Our client has a wide breadth of solutions that will continue to transform the anatomical pathology market and improve patient outcomes by providing groundbreaking technologies.

Thiyagarajan Rathinam

Delivery Leader
ChainSys Corporation

Thiyagu is a true delivery leader with a balanced experience in Functional and Technology. He has over 25 years of professional experience with a great focus on process improvements and data management, he has been a leader of ChainSys product implementations for over 20 years. Managed independently many Fortune 500 clients, he brings innovation effectively for each project's success.

Project Scope

Client was using JD Edwards, SAP ECC and other Legacy applications. Client implemented SAP S4/Hana system for its ERP operations, post divestiture and had approached ChainSys to provide data migration services as part of dataZap offering.

The scope of the project was to migrate more than 45 master and transaction objects in P2P, O2C, R2R, Manufacturing, Inventory and warehouse management, etc. from JDE into SAP S4/Hana applications based on data specification requirements, consolidation, transformation rules and other validations that were to be executed with right precision in short timeframe, and in compliance with their regulated data validation requirements. Multiple rounds of data migration were executed, performing ETL as per the data specification and providing pre and post load execution reports that were reviewed and signed off by the business.
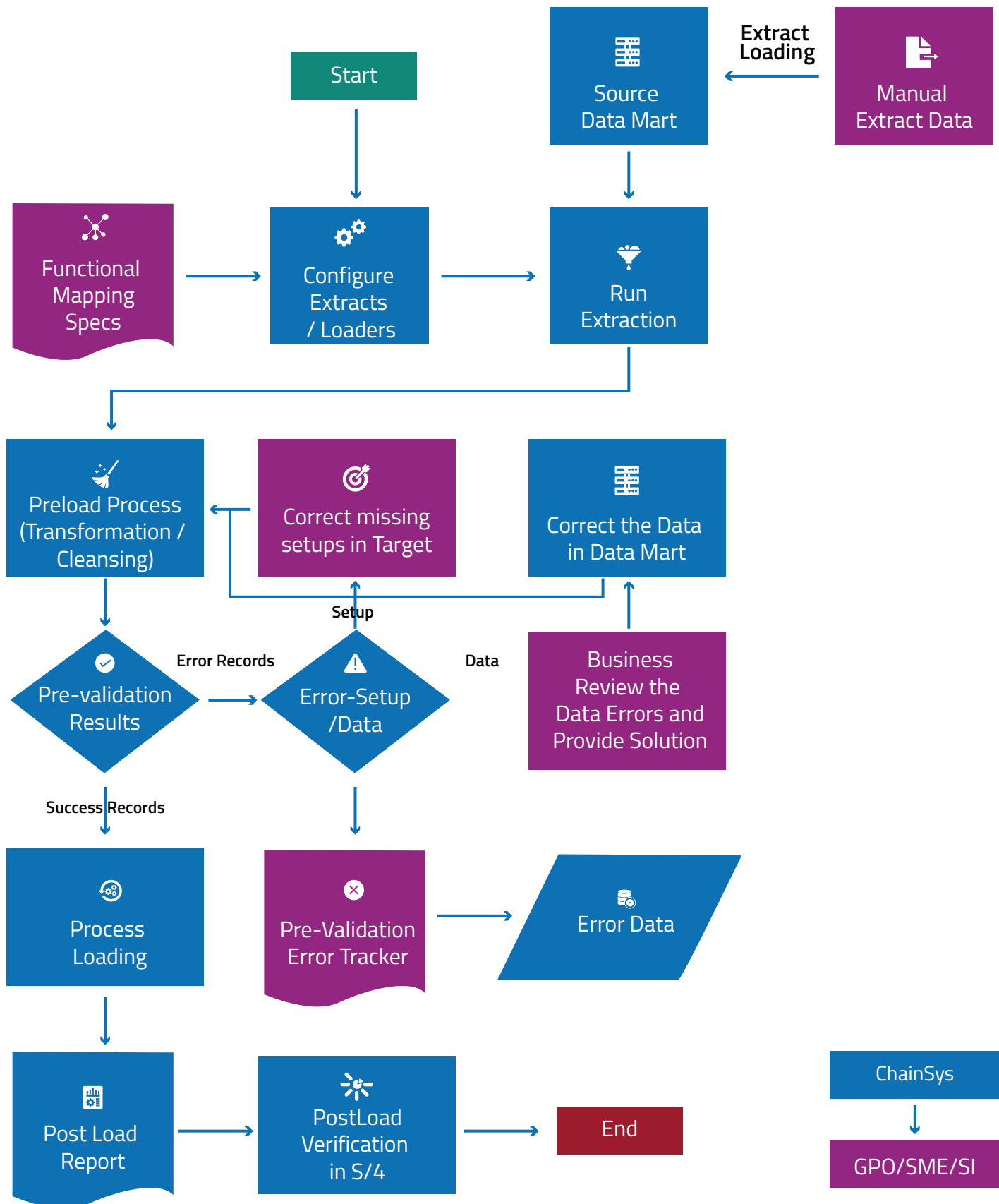
Business Situation

Client's legacy data in JDE wasn't consistent and complete. Migration specification and transformation requirements needed to address SAP functional design needs being implemented. Business team had to have the required SAP domain knowledge to review and approve the pre and post load execution reports provided by ChainSys, so that they could understand how the functional specification was used to extract and transform source data into the SAP target instance.

Technical Solution

ChainSys deployed appMigrate (part of the offering from DataZap). Connectivity was established directly with the JDE/SAP ECC systems (source) and the required ETL performed as per the data specification and transformation rules. After performing the ETL, preload and post load report (in excel format) was provided to the client to review the data and approve. After the actual data load into SAP, the post load report (in excel format) was sent for reconciliation.

dataZap™

End to End Holistic Data Migration Platform

Object List

S.No	Object Name	WorkStream
01	Bank Master	R2R
02	Characteristics	D2D
03	Class	D2D
04	Cost Center	R2R
05	Inspection Method	D2D
06	Storage Bin	EWM
07	Work Center	D2D
08	Customer	O2C
09	Material	P2P
10	Vendor	P2P
11	HR Mini Master	P2P
12	Material Classification - Batch	P2P
13	Product Master (For EWM)	EWM
14	Batch	D2D
15	Customer Credit Limits	R2R
16	Customer Material Info Record	O2C
17	Employee as Vendor	P2P
18	Purchase Info Record	P2P
19	Equipment	SM
20	Source List	P2P
21	Master Inspection Characteristic	D2D
22	Material BOM	D2D
23	Routing	D2D
24	Pricing condition (sales)	O2C
25	Quality Info Record	D2D
26	Fixed Assets	R2R
27	Price Book	SM
28	Product Classification - Commodity Code	O2C
29	Material Listing (Inclusion & Exclusion)	O2C
30	Serial	SM
31	Inspection Plan	D2D
32	Purchasing Scheduling Agreement	P2P
33	Sales BOM	D2D
34	Material Inventory Balance - WM	EWM
35	Production Version	D2D
36	BOM Condition Record - Recipient	D2D
37	BOM Condition Record - Sender	D2D
38	Component Allocation	D2D
39	Material Consumption	D2D
40	FI – G/L account balance and open/line item	R2R
41	FI-Accounts Payable	R2R
42	FI-Accounts Receivable	R2R
43	Material Inventory Balance - IM	P2P
44	Purchase Order	P2P
45	Sales Order	O2C

Solutions

ChainSys deployed dataZap for migrating data from JDE / SAP ECC to SAP S4/Hana.

The exercise was to migrate the master and transaction objects, as defined in the scope and the requirement specification document.

Benefits

The key benefit to the client was leveraging the prebuilt templates that ChainSys had delivered for extraction, transformation and load (ETL) processes using the mapping of JDE source fields to the SAP S4/Hana target fields and executing them through the BAPI without starting to build them from scratch. The client was successfully able to migrate through testing in iterative rounds, in compliance with their data validation and compliance needs.

As part of ETL, data was cleansed, enriched and deduped, resulting in improved data quality of the migrated data.

Products and Services used

dataZap™ for the

Extraction,
Transformation,
Cleansing & Load of setups,
Masters & Transaction.

Supported Endpoints (Partial)

Endpoints	Category
Oracle Sales Cloud, Oracle Marketing Cloud, Oracle Engagement Cloud, Oracle CRM On Demand, SAP C/4HANA, SAP S/4HANA, SAP BW, SAP Concur, SAP SuccessFactors, Salesforce, Microsoft Dynamics 365, Workday, Infor Cloud, Procore, Planview Enterprise One	Cloud Applications
Oracle E-Business Suite, Oracle ERP Cloud, Oracle JD Edwards, Oracle PeopleSoft, SAP S/4HANA, SAP ECC, IBM Maximo, Workday, Microsoft Dynamics, Microsoft Dynamics GP, Microsoft Dynamics Nav, Microsoft Dynamics Ax, Smart ERP, Infor, BaaN, Mapics, BPICS	Enterprise Applications
Windchill PTC, Orale Agile PLM, Oracle PLM Cloud, Teamcenter, SAP PLM, SAP Hybris, SAP C/4HANA, Enovia, Proficy, Honeywell OptiVision, Salesforce Sales, Salesforce Marketing, Salesforce CPQ, Salesforce Service, Oracle Engagement Cloud, Oracle Sales Cloud, Oracle CPQ Cloud, Oracle Service Cloud, Oracle Marketing Cloud, Microsoft Dynamics CRM	PLM, MES & CRM
Oracle HCM Cloud, SAP SuccessFactors, Workday, ICON, SAP APO and IBP, Oracle Taleo, Oracle Demantra, Oracle ASCP, Steelwedge	HCM & Supply Chain Planning
Oracle Primavera, Oracle Unifier, SAP PM, Procore, Ecosys, Oracle EAM Cloud, Oracle Maintenance Cloud, JD Edwards EAM, IBM Maximo	Project Management & EAM
OneDrive, Box, SharePoint, File Transfer Protocol (FTP), Oracle Webcenter, Amazon S3	Enterprise Storage Systems
HIVE, Apache Impala, Apache Hbase, Snowflake, mongoDB, Elasticsearch, SAP HANA, Hadoop, Teradata, Oracle Database, Redshift, BigQuery	Big Data
mangoDB, Solr, CouchDB, Elasticsearch	No SQL Databases
PostgreSQL, Oracle Database, SAP HANA, SYBASE, DB2, SQL Server, MySQL, memsql	Databases
IBM MQ, Active MQ	Message Broker
Java, .Net, Oracle PaaS, Force.com, IBM, ChainSys Platform	Development Platform

One Platform for your

End to End Data Management needs

Smart Data Platform™

dataZap™

Data Migration
Data Reconciliation
Data Integaration

dataZen™

Data Quality Management
Data Governance
Analytical MDM

dataZense™

Data Analytics
Data Catalog
Data Security & Compliance

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