

SAP S/4HANA

Setup, Master & Transactional Data Templates



 dataZap™ Whitepaper

Introduction

Oracle Cloud Application data migrations of setup, master and transactional data are complex. For the past two-decade, SAP customers have taken advantage of our dataZap Platform to automate Data migrations for SAP S/4HANA, ECC, C/4HANA and SuccessFactors Applications from any Legacy systems. **ChainSys proudly offers a complete innovative templated approach for migrating Setup, Master and Transactional Data for SAP S/4HANA.** Using our Platform, our customers can migrate data from any Legacy application to SAP S/4HANA Application Instances and also, we offer ready to use data migration mappings from leading applications such as Oracle EBS/JDE/Peoplesoft, Microsoft, Workday, Salesforce, IBM and Infor to SAP S/4HANA application modules.

Value Propositions

Time Savings	Cost Savings	Improved quality in master data
Data Risk Eliminated	Test with your own data from 1st Test Cycle	Improved Project Team Morale and Collaboration



Charlie Massoglia

VP & CIO, Chain-Sys Corporation.
ChainSys Corporation

Former CIO for Dawn Food Products For 13+ years. 25+ years experience with a variety of ERP systems. Extensive experience in system migrations & conversions. Participated in 9 acquisitions ranging from a single US location to 14 sites in 11 countries. Author of numerous technical books, articles, presentations, and seminars globally.



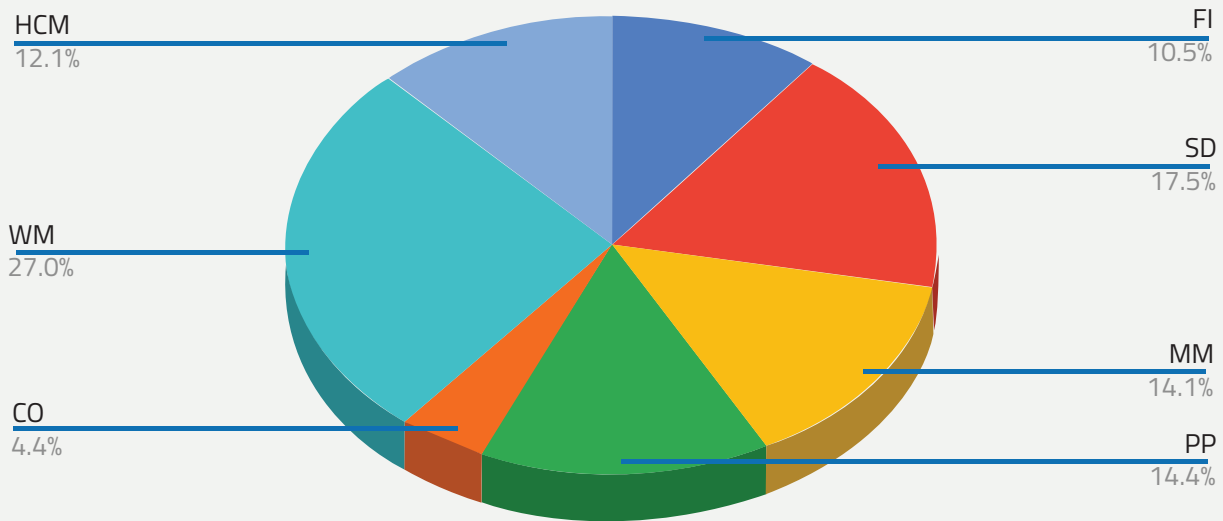
Use Cases

- Migrate Master and Transactional data (Open and Historical) from Oracle Applications (Oracle Cloud, Peoplesoft, JD Edwards, Siebel and EBS), SAP ECC, Microsoft, Workday, Salesforce, IBM, Infor and other Legacy Applications to SAP ECC application modules
- Re-engineering of SAP ECC Applications – LE, Company or Plant restructuring
- Handle all your mergers and acquisition needs very timely and cost effective. Create a templated approach to your growth strategy.
- Mass load master and transactional data into SAP ECC Applications from Excel, Google Sheets and MS Office 365.
- Report the Masters and Transactions existing in the Legacy Source applications. Slice and dice the data for assessments and data cleanup.
Report the data quality and data incompleteness issues to prepare the data well in advance.
- Create an auditable release Mgmt. process for Data Maintenance activities in SAP ECC Application modules.
- Accelerate Data Migrations in SAP ECC Applications for Merger and acquisitions / Divestitures / Carve outs
- Accelerate Data Migrations in SAP ECC Applications for Instance consolidations
- Compare Data across SAP ECC Applications and incremental data can be migrated from source to target and vice versa for Test data preparations.
- Reconciliations for Data Migrations – Flexible layouts and formats available for your dynamic view of data migration results pre and post migrations.

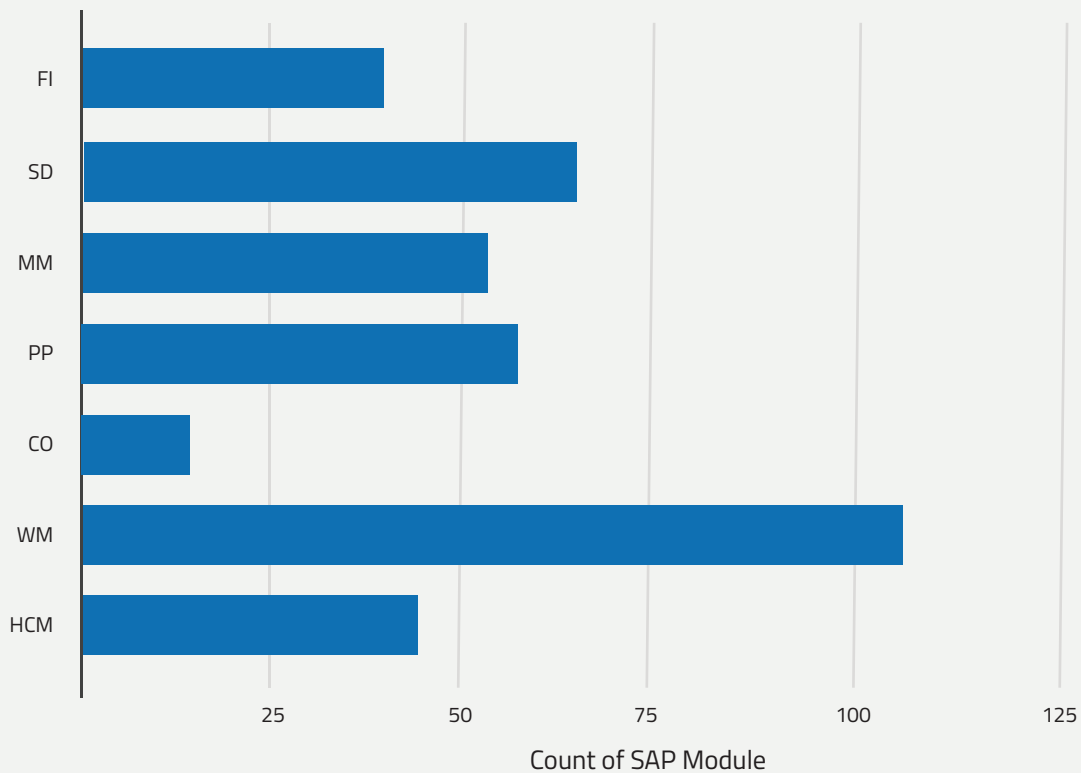


Technical Details

dataZap Template Count SAP S/4 HANA Modules



dataZap Template Count by SAP S/4HANA Module



Partial SAP S/4HANA Setup, Master and Transactional Data Template List:

No	dataZap: SAP S/4HANA Template	SAP Module
1	MAINTAIN CONTROLLING AREA	CO
2	MAINTAIN VERSIONS	CO
3	DEFINE ORDER TYPES	CO
4	ASSIGN CONTROLLING AREA TO OPERATING CONCERN	CO
5	DEFINE VALUATION STRATEGY	CO
6	DEFINE ACCESS TO STANDARD COST ESTIMATE	CO
7	ASSIGN COSTING KEY TO PRODUCTS	CO
8	ASSIGN COSTING KEY TO MATERIAL TYPES	CO
9	DEFINE OVERHEADS KEYS	CO
10	DEFINE OVERHEADS GROUPS	CO
11	DEFINE CALCULATION BASES	CO
12	DEFINE PERCENTAGE OVERHEAD RATES	CO
13	DEFINE CREDITS	CO
14	DEFINE COSTING SHEETS	CO
15	DEFINE COST COMPONENT STRUCTURE	CO
16	DEFINE SETTLEMENT PROFILE	CO
17	DEFINE ORIGIN GROUPS	CO
18	Company	FI
19	Company Code	FI
20	Business Area	FI
21	Chart Of Accounts	FI
22	Account Group	FI
23	Assign Company code to Company	FI
24	Assign COA to Company Code	FI
25	Retained Earning Accounts	FI
26	Posting Period Variant	FI
27	Assignment of Posting period Variant to Company Code	FI
28	Document Type Create	FI
29	Number Range Create	FI

30	Open/Close posting period variant	FI
31	Assignment of field Status Variant to Company Code	FI
32	Fiscal Year Variant	FI
33	Assignment of fiscal year Variant to Company Code	FI
34	Sort Key	FI
35	Tolerance Group For Employee	FI
36	Tolerance Group For G/L	FI
37	Statistical Key Figure	FI
38	Internal Order	FI
39	Profit center	FI
40	Cost center	FI
41	Bank	FI
42	Asset Master(AS01)	FI
43	Asset Master(AS91)	FI
44	GL Master	FI
45	Activity Type	FI
46	Business Process	FI
47	Open GL	FI
48	Open AP	FI
49	Open AR	FI
50	Assign chart of depreciation to Company code	FI
51	Specify Account determination	FI
52	Create Screen layouts	FI
53	Define Asset class	FI
54	Define Base methods	FI
55	Define declining balance method	FI
56	Define multilevel method	FI
57	Maintain period control method	FI
58	Maintain depreciation key	FI
59	PERSONNEL SUB AREA	HCM
60	EMPLOYEE GROUP	HCM

61	EMPLOYEE SUB GROUP	HCM
62	ASSIGN EMPLOYEE SUB GROUP TO EMPLOYEE GROUP	HCM
63	USER GROUP DEPENDENCY ON MENU AND INFO GROUP	HCM
64	INFO GROUP	HCM
65	CREATE REASONS FOR PERSONNEL ACTIONS	HCM
66	CHANGE ACTION MENU	HCM
67	DEFINE EMPLOYEE ATTRIBUTES	HCM
68	CREATE PAYROLL AREA	HCM
69	CREATE CONTROL RECORD	HCM
70	DEFINE PUBLIC HOLIDAYS(FIXED HOLIDAY)	HCM
71	DEFINE PUBLIC HOLIDAYS(FLOATING HOLIDAY)	HCM
72	GROUP PERSONAL SUB AREA FOR THE WORK SCHEDULE	HCM
73	CREATE FACTORY CALENDAR	HCM
74	DEFINE BREAK SCHEDULES	HCM
75	DEFINE DAILY WORK SCHEDULES	HCM
76	PERIOD WORK SCHEDULES	HCM
77	DEFINE EMPLOYEE SUBGROUP GROUPING	HCM
78	DEFINE GROUPING FOR THE PUBLIC HOLIDAY CALENDAR	HCM
79	SET WORK SCHEDULE RULES AND WORK SCHEDULES	HCM
80	GENERATE WORK SCHEDULES MANUALLY	HCM
81	GROUP PERSONNEL SUBAREAS FOR ATTENDANCE AND ABSENCES	HCM
82	DEFINE ABSENCE TYPES	HCM
83	DETERMINE ENTRY SCREEN AND TIME CONSTRAINT CLASSES	HCM
84	GROUP EMPLOYEE SUBGROUPS FOR TIME QUOTAS	HCM
85	GROUP PERSONNEL SUBAREA FOR TIME QUOTAS	HCM
86	DEFINE ABSENCE QUOTA TYPES	HCM
87	SET BASE ENTITLEMENT	HCM
88	DEFINE DEDUCTION RULES FOR ABSENCE AND ATTENDANCE QUOTAS(V_556R_B)	HCM
89	ASSIGN THE COUNTING RULE TO ABSENCE TYPE(V_554S_Q) M	HCM
90	SET PERSONNEL SUB AREA GROUPING FOR TIME RECORDING	HCM

91	DEFINE PAY SCALE TYPE	HCM
92	CHECK PAY SCALE AREA	HCM
93	Create Wage type	HCM
94	CHECK WAGE TYPE TEXT	HCM
95	CHECK ENTRY PERMISSIBILITY PER INFOTYPE	HCM
96	CHECK WAGE TYPE CHARACTERISTICS(V_T511)	HCM
97	EMPLOYEE SUBGROUPS FOR PRIMARY WAGE TYPES	HCM
98	DEFINE PAY SCALE SALARY RANGE(3000)	HCM
99	REVISE PAY SCALE GROUPS AND LEVELS	HCM
100	REVISE DEFAULT WAGE TYPES(V_T539A)	HCM
101	DEFINE PERIOD MODIFIERS	HCM
102	DEFINE DATE MODIFIERS	HCM
103	CREATE JOB	HCM
104	CREATE POSITIONS	HCM
105	CREATE ORG UNIT	HCM
106	Plant	MM
107	Purchasing Organization	MM
108	Storage Location	MM
109	Purchasing group	MM
110	Warehouse number	MM
111	Plant to Company code	MM
112	Purchasing org to company code	MM
113	Purchasing org to plant	MM
114	Warehouse number to plant / storage location	MM
115	Vendor Account group	MM
116	Number ranges for Vendor Account	MM
117	Number ranges to Vendor Account Groups	MM
118	Planning groups	MM
119	Terms of Payment key	MM
120	Incoterms	MM
121	Payment block	MM

122	Special Movement indicators	MM
123	Partner roles	MM
124	Permissible Partner to Account group	MM
125	Material types	MM
126	Industry	MM
127	Loading Group	MM
128	Availability check	MM
129	Material Groups	MM
130	Division	MM
131	Material Statuses	MM
132	Lab / Office	MM
133	Basic Materials	MM
134	Storage Conditions	MM
135	Temperature Conditions	MM
136	Container Requirements	MM
137	UOM Groups	MM
138	Product Hierarchy	MM
139	Sales Statuses	MM
140	Storage Type Indicators	MM
141	Purchasing Value Key	MM
142	MRP Type	MM
143	MRP Controller	MM
144	Lot Size	MM
145	Planning Calendar	MM
146	Coverage Profile	MM
147	Unit Of Measure	MM
148	Special Procurement Type	MM
149	Valuation Class	MM
150	Item Category Group	MM
151	MRP Group	MM
152	MRP Group for each Material Type	MM

153	Material Master	MM
154	Purchase info record	MM
155	Condition record	MM
156	Purchase requisition	MM
157	Purchase order	MM
158	Goods receipt	MM
159	Invoice verification	MM
160	Business Partner - Vendor	MM
161	MRP CONTROLLER	PP
162	MRP TYPE	PP
163	LOT SIZE	PP
164	MRP GROUPS	PP
165	MRP GROUP - MATERIAL TYPE	PP
166	SPECIAL PROCUREMENT TYPE	PP
167	REQUIREMNT CLASS	PP
168	REQUIREMENT TYPE	PP
169	STRATEGY FOR MRP	PP
170	STRATEGY GROUP	PP
171	BOM USAGES	PP
172	BOM STATUS	PP
173	ITEM CATEGORIES	PP
174	WORK CENTER CATEGORY	PP
175	TASK LIST USAGE	PP
176	STANDARD VALUE KEY	PP
177	PERSON RESPONSIBLE	PP
178	MOVE TIME MATRIX	PP
179	CONTROL KEY	PP
180	SETUP TYPE	PP
181	WAGE GROUP	PP
182	SUITABILITY	PP
183	CAPACITY CATEGORY	PP

184	CAPACITY PLANNER	PP
185	ROUTING STATUSES	PP
186	USAGE OF TASK LIST	PP
187	PLANNER GROUP	PP
188	ORDER TYPES	PP
189	ORDER TYPE - DEPENDENT PARAMETERS	PP
190	PRODUCTION SUPERVISOR	PP
191	SCHEDULING PARAMETER	PP
192	PRODUCTION SCHEDULING PROFILE	PP
193	CHECKING GROUP	PP
194	CHECKING RULE	PP
195	SCOPE OF CHECK	PP
196	VALUATION FOR GOODS RECEIVED	PP
197	ORDER CONTROL	PP
198	DEFAULT VALUES FOR GENERATION OPERATION	PP
199	CONFIRMATION PARAMETERS	PP
200	DEFINE REPETITIVE MANUFACTURING PROFILE	PP
201	SORT STRING	PP
202	MACHINE TYPE	PP
203	CAPP PLANNER GROUP	PP
204	WORKCENTER LOCATION	PP
205	SUPPLY AREA	PP
206	WORK CENTER	PP
207	BOM	PP
208	ROUTING	PP
209	PRODUCTION VERSION	PP
210	PRODUCTION ORDER CREATE	PP
211	PRODUCTION ORDER RELEASE	PP
212	PRODUCTION ORDER HEADER CONFIRMATION	PP
213	PRODUCTION ORDER OPERATION CONFIRMATION	PP
214	GOODS ISSUE AGAINST PO	PP

215	GOODS RECEIPT AGAINST PO	PP
216	BATCH	PP
217	Sales Organization	SD
218	Distribution channel	SD
219	Division	PP
220	Sales office	PP
221	Sales group	SD
222	Storage location	SD
223	Shipping point	SD
224	Assign plant to company code	SD
225	Assign sales org to company code	SD
226	Assign distribution channel to sales org	SD
227	Assign division to sales org	SD
228	Set up sales area	SD
229	Assign sales office to sales area	SD
230	Assign sales group to sales office	SD
231	Assign sales org -distribution channel to plant	SD
232	Define rules by sales area	SD
233	Assign business area by sales area	SD
234	Assign shipping point to plant	SD
235	Define Transportation connecting point	SD
236	Define number range	SD
237	Assign number range to customer account group	SD
238	Define industry sector for customer	SD
239	Define customer classification	SD
240	Define customer group	SD
241	Define sales district	SD
242	Maintain reserve fields in customer master	SD
243	Delivery priority	SD
244	Define terms of payment	SD
245	Define inco terms	SD

246	Define standard department	SD
247	Define contact person functions	SD
248	Define authority	SD
249	Define call frequency	SD
250	Define buying habit	SD
251	Define VIP indicator	SD
252	Define transportation zone	SD
253	Define transportation group	SD
254	Maintain country and transportation zone for shipping point	SD
255	Define route	SD
256	Maintain route determination	SD
257	Define Condition table	SD
258	Define Access sequence	SD
259	Define Condition type	SD
260	Define pricing procedure	SD
261	Pricing procedure determination	SD
262	Shipping point determination	SD
263	Picking location determination	SD
264	Define purchase order types	SD
265	Define order reason	SD
266	Define usage indicator	SD
267	Define item category group	SD
268	Define item category usage	SD
269	Assign item category	SD
270	Define rejection reason	SD
271	Define sales document type	SD
272	Define item categories	SD
273	Define Schedule line categories	SD
274	Assign Schedule line categories	SD
275	Assign sales area to sales document types	SD
276	Business Partner - Customer	SD

277	Customer Material info record - Cooper	SD
278	Condition record - Cooper	SD
279	Inquiry - SAPPHIRE	SD
280	Quotation - SAPPHIRE	SD
281	Sales order - SAPPHIRE	SD
282	Outbound Delivery - SAPPHIRE	SD
283	Post goods issue - SAPPHIRE	SD
284	Billing - SAPPHIRE	SD
285	Define, copy, delete, check warehouse number	WM
286	Assign warehouse number to plant storage location	WM
287	Define control parameter for warehouse number	WM
288	Define number range for warehouse number	WM
289	NUMBER RANGE FOR TRANSFER REQUIREMENT	WM
290	Define number range for TRANSFER ORDER	WM
291	Define number range for QUANT	WM
292	Define number range for POST CHANGE NOTICE	WM
293	Define number range for GROUP	WM
294	Define number range for STORAGE UNIT	WM
295	Define storage type	WM
296	Define storage section	WM
297	Define picking area	WM
298	Define doors	WM
299	Define material staging areas	WM
300	Define storage bin type	WM
301	Define blocking reason	WM
302	Define storage bin structure	WM
303	Define storage type indicators	WM
304	Define storage unit type	WM
305	Define storage section indicators	WM
306	Define special movement indicators	WM
307	Define bulk storage indicators	WM

308	Activate storage type search: Define search sequence	WM
309	Activate storage type search: Movement type reference	WM
310	Activate storage type search	WM
311	Activate storage section search : define search sequence	WM
312	Activate storage section search	WM
313	Activate storage bin type search : storage type	WM
314	Activate storage bin type search : storage bin type	WM
315	Activate storage unit type check	WM
316	Define sort sequence for putaways (cross-line stock putway)	WM
317	Define sort sequence for stock removal (picking)	WM
318	Define strategy for fixed bins	WM
319	Define strategy for open storage	WM
320	Define strategy for addition existing stock	WM
321	Define strategy for empty storage bin	WM
322	Define strategy for pallets: putaway strategy	WM
323	Define strategy for pallets: define bin section	WM
324	Define strategy for pallets: Assign bin types and SUNIT	WM
325	Define strategy for bulk storage: Define storage type control	WM
326	Define strategy for bulk storage: Block structure	WM
327	Define strategy for near picking bin: putaway strategy	WM
328	Define strategy for near picking bin: storage type control	WM
329	Define strategy for near picking bin: scratch width per level	WM
330	Define strategy for near picking bin: row shelf	WM
331	Define FIFO strategy	WM
332	Define strategy for "stringent FIFO": Exception for inds types	WM
333	Define strategy for "stringent FIFO": stringent FIFO SLED mgmt..	WM
334	Define LIFO strategy	WM
335	Define strategy for partial pallet quantity	WM
336	Define strategy for large and small quantity: Activate stock removal strategy	WM
337	Define strategy for large and small quantity: store type search	WM
338	Define strategy for expiry date	WM

339	Define fixed bin strategy	WM
340	Define fir contaminant sections	WM
341	Define hazardous material warning	WM
342	Define hazardous material storage warning	WM
343	Define aggregate states	WM
344	Define region code	WM
345	Define storage class	WM
346	Activate hazardous material management : Assign region to W.NUMBER	WM
347	Activate hazardous material management : Storage class allowed	WM
348	Define requirement Type	WM
349	Define shipment type	WM
350	Define movement type	WM
351	Define stock transfer and replenishment control	WM
352	Set up autom.TO creation for TRs/posting change notice] : MAIL CONTROL	WM
353	Set up autom.TO creation for TRs/posting change notice] : Automatic TO CREATION	WM
354	Set up autom.TO creation for TRs/posting change notice] : MOVEMENTS	WM
355	Set up 2 step picking for transfer requirement : TR CONTROL	WM
356	Set up 2 step picking for transfer requirement : Transfer type control	WM
357	Confirmation : Difference indicators	WM
358	Confirmation : control W NUMBER	WM
359	Confirmation : control STORAGE TYPE	WM
360	Confirmation : control MOVT TPE	WM
361	Define print control : Spool code	WM
362	Define print control : printer lable	WM
363	Define print control : printer collc profile	WM
364	Define print control : print code	WM
365	Define print control : warehouse movement	WM
366	Define print control : picking area	WM
367	Define print control : storage type	WM
368	Define print control : movement type	WM
369	Define print control : warehouse number	WM

370	Define print control : multiple proc	WM
371	Define default values	WM
372	Define type per storage type	WM
373	Define difference and document limits	WM
374	Clear differences (interfaces to inventory management)	WM
375	Maintain number range : Assign number ranges	WM
376	Maintain number range : intervals for inventory	WM
377	Activate storage unit management per warehouse number	WM
378	STORAGE UNIT : Define number range	WM
379	Define storage type control	WM
380	Define bulk storage area: Storage type control	WM
381	Define bulk storage area: define block strategy	WM
382	Supply area	WM
383	Control cycle	WM
384	Storage bin	WM
385	Mass storage bin	WM
386	Transfer order request	WM
387	Transfer order	WM
388	Transfer order wrt delivery	WM
389	Transfer order confirmation	WM

Conclusion

There is great value in automating your Data migrations for SAP S/4HANA Applications using dataZap. The Platform is used during the Implementation/Rollouts of the SAP S/4HANA Applications and also for every day mass data creation and update needs. Also, the Platform eliminates the need for creating manual reconciliation document and helps with identifying the mismatch in data (Pre and Post load reconciliations). Get the great data quality you deserve.

This is a great SAP certified solution for SAP S/4HANA Application releases.

Supported Endpoints (Partial)

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, Oracle 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™



Data Migration
Data Reconciliation
Data Integration



Data Quality Management
Data Governance
Analytical MDM



Data Analytics
Data Catalog
Data Security & Compliance

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