

Integration Re-Platform from SAP PO to BTP Integration Suite with iVolve

Assessment & Migration Proposal

EXECUTIVE SUMMARY

01

Partner Evaluation

FMCG Giant is evaluating partners for their Integration Modernization journey — PI/PO to SAP BTP IS migration.

02

Tarento Selected

FMCG Giant invited Tarento to participate in the evaluation process for their Integration Migration requirement.

03

Assessment Scope

FMCG Giant shared SAP migration reports & files for 7 different PO systems running across various countries.

04

iVolve Findings

Tarento ran iVolve assessment on non-prod environments and presents how iVolve accelerates the re-platform journey.

SUMMARY OF SAP ASSESSMENT

REPORT SUMMARY

GLOBAL TOTALS

OBSERVATIONS

REGION / SYSTEM	TOTAL INTEGRATION SCENARIOS	READY TO MIGRATE	ADJUSTMENT REQUIRED	EVALUATION REQUIRED	TOTAL ESTIMATED EFFORT (DAYS)	MODERNIZATION ELIGIBLE SCENARIOS
Region A (Rest of World)	250	160	10	80	50 – 130	~210 (85%)
Region B (North America)	520	260	35	225	160 – 375	~450 (86%)
Region C (Latin America)	760	450	55	250	165 – 430	~630 (83%)
Region D (Africa, Middle East, South Asia)	305	150	35	120	80 – 195	~280 (91%)
Region E (Europe)	1,200	595	95	510	345 – 825	~1,100 (92%)
Region F (Asia-Pacific)	850	435	145	270	175 – 455	~775 (91%)
Region G (Global Procurement & Quality)	230	135	50	45	40 – 115	~215 (95%)

* Numbers are approximated for confidentiality purposes

TARENTO's RECLASSIFICATION (using iVolve AI)

SAP vs iVolve RECLASSIFICATION

GLOBAL TOTALS - iVolve

OBSERVATIONS

SAP VS IVOLVE INTERFACE COMPLEXITY RECATEGORIZATION OVERVIEW

SYSTEM	COMPLEXITY	SAP COUNT	IVOLVE COUNT	IVOLVE RECLASSIFICATION TREND	PRIMARY MIGRATION INFLUENCERS / NOTES
Region E	Simple	595	690	↑ Increase	File and Java patterns simplified; multiple unique beans.
	Medium	95	510	↑ Significant rise	File-to-iFlow reclassification; JDBC and bean dependencies.
	Complex	510	0	↓ Drop	Major demotion after pattern recognition.
Region C	Simple	450	495	↑ Increase	Java standardization; multiple unique beans.
	Medium	55	245	↑ Rise	Adapter normalization, JDBC reuse.
	Complex	250	15	↓ Drop	Isolated JDBC, adapter cases.
Region D	Simple	150	185	↑ Increase	Beans normalized; minor JDBC adjustments.
	Medium	35	110	↑ Increase	DB/driver harmonization.
	Complex	120	10	↓ Drop	Strong automation simplification.
Region G	Simple	135	185	↑ Increase	File-based patterns standardized.
	Medium	50	35	↓ Slight drop	Java/XSLT simplified via library logic.
	Complex	45	10	↓ Major drop	Adapter module reuse.
Region B	Simple	260	235	↓ Slight drop	Java mappings remain; multiple beans.
	Medium	35	275	↑ Strong rise	Recast for review of mappings.
	Complex	225	10	↓ Drop	Auto-handled IDoc/XML transformations.
Region A	Simple	160	170	↑ Increase	Minimal Java mapping issues.
	Medium	10	80	↑ Rise	JDBC adapter uplift.
	Complex	80	0	↓ Drop	Simplified through module reuse.
Region F	Simple	435	580	↑ Sharp increase	Medium interfaces reclassified to simple; beans flagged for evaluation.
	Medium	145	255	↑ Moderate rise	Beans flagged for validation.
	Complex	270	10	↓ Major drop	Strong automation impact; complex flows collapsed to reusable patterns.

* Numbers are approximated for confidentiality purposes

TARENTO’s RECLASSIFICATION (from iVolve AI PoV)

SAP vs iVolve RECLASSIFICATION	GLOBAL TOTALS - iVolve	OBSERVATIONS
--------------------------------	------------------------	--------------

SUMMARY OF OBSERVED RECLASSIFICATION BEHAVIOR (ACROSS 7 SYSTEMS)

OBSERVATION	TREND / INSIGHT
Complexity Shift	All seven systems exhibit >30–45% reduction in “complex” classifications. Average complex share drops from ~35–40% (SAP) to ~3–5% (iVolve) .
Simplification Drivers	iVolve(AI) identifies modular equivalence for transformation beans, adapter modules, and JDBC drivers — promoting legacy Java-heavy flows to simple or medium patterns.
Ready-to-Migrate Ratio	Over 70–75% interfaces now migration-ready post iVolve processing (File/Adapter/Mapping handled).
Pattern-based Automation	Consistent uplift of file, mapping, and JDBC transformations into CPI-native iFlow components and reusable subflows.
Residual Manual Evaluation	Limited to unique beans (e.g., AddTimestamp, AuthUtraceBean, SignPKCS7, AribaNetAdapter) and JDBC variations requiring connection validation.
Effect of iVolve(AI) Agentic Conversion	Java Beans (XlsTransform, DynamicConfig, ModifyPayload, etc.) transformation to CPI Groovy/Policies/Subflows in all 7 systems.

iVolve AI – IN CONTEXT

HIGHLIGHTS

ACCELERATION POINTS - FMCG Giant

AGENTIC TRANSFORMATION

ACCELERATION TOUCH
POINTS WITH IVOLVE(AI) FOR FMCG Giant

iVolve recategorizes 30–45% of SAP-defined complex interfaces into medium or simple categories due to

- Pattern-based automation (File/IDoc/XML adapters),
- Automated Java Mapping uplift,
- Template-based JDBC/Bean driver handling, and
- iVolveAI – agentic transformation.



iVolve AI – IN CONTEXT

HIGHLIGHTS

ACCELERATION POINTS - FMCG Giant

AGENTIC TRANSFORMATION

PI/PO -> BTP MAPPING

RECLASSIFICATION COMPARISON

AGENTIC FRAMEWORK

SYSTEM	SAP COMPLEX %	IVOLVE COMPLEX %	REDUCTION %	KEY SIMPLIFICATION LEVERS
Region E	~43%	~3%	~-40%	Java/File simplification, bean consolidation
Region C	~33%	~2%	~-31%	Adapter reuse, JDBC isolation
Region D	~39%	~4%	~-35%	JDBC driver standardization
Region G	~19%	~5%	~-14%	File-to-simple pattern mapping
Region B	~44%	~2%	~-42%	Java mapping rationalization
Region A	~33%	~2%	~-31%	JDBC adapter harmonization
Region F	~32%	~1%	~-31%	File and timestamp normalization

* Numbers are approximated for confidentiality purposes

END-to-END MIGRATION APPROACH (with Tenant Strategy) & COMMERCIALS

MIGRATION APPROACH

COMMERCIALS

OPTION 1

OPTION 2



iVolve

Supernova Migration to BTP Dev(S)

- Mass migration of Simple interfaces
- iVolve Accelerated Medium Interfaces
- iVolve re-engineered complex interfaces
- iVolve Recommended modernization

Brief Reflect & Refine interfaces

- Optimize
- Rationalize
- Renovate
- Innovate
- Unit Test
- No business dependence

BTP IS (1..n)
(Dev Tenant)
Global/Region Specific

Roll-out interfaces in Waves

BTP IS (1)
(QA Tenant)
Global/Region Specific

BTP IS (2)
(QA Tenant)
Global/Region Specific

BTP IS (n)
(QA Tenant)
Global/Region Specific

- Rollout interfaces BTP QA(S)
- Planned and governed rollouts to QA
 - iVolve TestEase Bundle for SIT/UAT Support

- SIT
- UAT
- Planned Business/ Partner inclusion

Roll-out interfaces in Waves

BTP IS (1)
(Prod Tenant)
Global/Region Specific

BTP IS (2)
(Prod Tenant)
Global/Region Specific

BTP IS (n)
(Prod Tenant)
Global/Region Specific

iVolve UFM

BTP IS (HA)
(Prod Tenant)
Global/Region Specific

END-to-END MIGRATION APPROACH (with Tenant Strategy) & COMMERCIALS

MIGRATION APPROACH

COMMERCIALS

OPTION 1

OPTION 2



- Optimize
- Rationalize
- Renovate
- Innovate
- Unit Test
- No business dependence

Roll-out interfaces in Waves/ Geography

Roll-out interfaces in Waves/ Geography

Roll-out interfaces in Waves/ Geography

Roll-out interfaces in Waves/ Geography

Roll-out interfaces in Waves/ Geography

Roll-out interfaces in Waves/ Geography

Roll-out interfaces in Waves/ Geography

BTP IS (1..n)
(Dev Tenant)
Global/Region Specific

BTP IS (1)
(QA Tenant)
Global/Region Specific

BTP IS (2)
(QA Tenant)
Global/Region Specific

BTP IS (n)
(QA Tenant)
Global/Region Specific

Rollout interfaces BTP QA(S)

- Planned and governed rollouts to QA
- iVolve TestEase Bundle for SIT/UAU Support

- SIT
- UAT
- Planned Business/Partner inclusion

BTP IS (1)
(Prod Tenant)
Global/Region Specific

BTP IS (2)
(Prod Tenant)
Global/Region Specific

BTP IS (n)
(Prod Tenant)
Global/Region Specific

iVolve UFM

BTP IS (HA)
(Prod Tenant)
Global/Region Specific

DELIVERY APPROACH

FUNCTIONAL AREA	ROLE	RESPONSIBILITY	FTE ESTIMATE
PROGRAM GOVERNANCE	Program Manager	Overall delivery ownership, governance, escalation management	1
	Engagement Lead (Onsite)	Client-facing coordination, status updates, risk mitigation	
	Integration Delivery POD Leads	Oversees execution across development and testing tracks	
ARCHITECTURE & DESIGN	Integration Solution Architect (SAP IS)	iFlow design, architecture standards, interface patterns	1
	Legacy Platform Architect (PO/PI)	Source system analysis, extraction of mappings and config	
	Rules Architect (BRM to BTP)	Redesign business rules into SAP BTP Business Rules / DMN models	
MIGRATION & ENGINEERING	SAP BTP IS Integration Consultants	Execute migration via automation, apply reusable templates	5-6
	Groovy/Script/TPM Engineers	Build transformation logic, Groovy scripts, logging frameworks	
	iVolve Accelerator Engineers	Develop/maintain automation tools (Automator, Logger, Clone Utility)	
TESTING & VALIDATION	Test Strategy Lead	Define automated validation strategy, rules, coverage plans	1
	Automation Test Engineers	Develop and run test suites using payload logs and validation framework	1
	Functional Validators / SMEs	Validate edge cases, exception handling, support test scenarios	
	AI Test Analyst (Optional)	AI-based comparison, anomaly detection, test generation	
MONITORING & HYPERCARE	Integration Monitoring Engineer	Implement monitoring (Integration Inspector), ensure interface health	2
	Support Engineers	Fix migration issues, handle incidents, ensure stabilization during Hypercare	2–3
FMCG Giant	Global Integration Owner	Provide governance, oversee decision-making, global sign-offs	FMCG Giant-side
	Country IT SPOCs	Interface-specific clarifications, local validations	FMCG Giant-side
	Business Process Owners	Functional guidance, exception handling validation	FMCG Giant-side
	Security & Infrastructure Lead	SAP BTP access, authentication, security compliance	FMCG Giant-side

(Adjustable based on project phases, parallelism, and number of interface waves) at a peak size of ~10-15 FTE

