DATA INTEGRITY SERVICES, INC

SAP ECC to Microsoft Fabric Migration

Modernize SAP ECC analytics with Microsoft Fabric, OneLake and Power BI.

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BUSINESS CASE

Why Modernize SAP ECC Analytics?

Legacy SAP ECC reporting challenges

- Fragmented reporting environments and manual extracts
- Slow refresh cycles for operational and executive reporting
- Difficult reconciliation across SAP and non-SAP data sources
- Limited self-service analytics and AI-ready data foundation
- Growing cost and complexity of legacy analytics platforms

Microsoft Fabric modernization unlocks

1
Unified data estate

AI
Ready analytics layer

BI
Self-service reporting

OneLake, Fabric data engineering and Power BI create a governed path from SAP ECC data to actionable insights.

MIGRATION SERVICES

What We Offer

End-to-end migration services designed to move selected SAP ECC data and reporting workloads into a secure Microsoft Fabric foundation.

1 Assess

- Current-state SAP ECC reporting inventory
- Business domain and dependency mapping
- Migration roadmap and scope definition

2 Build

- Fabric ingestion pipelines and OneLake landing zone
- Lakehouse / Warehouse data modeling
- Power BI semantic model and report modernization

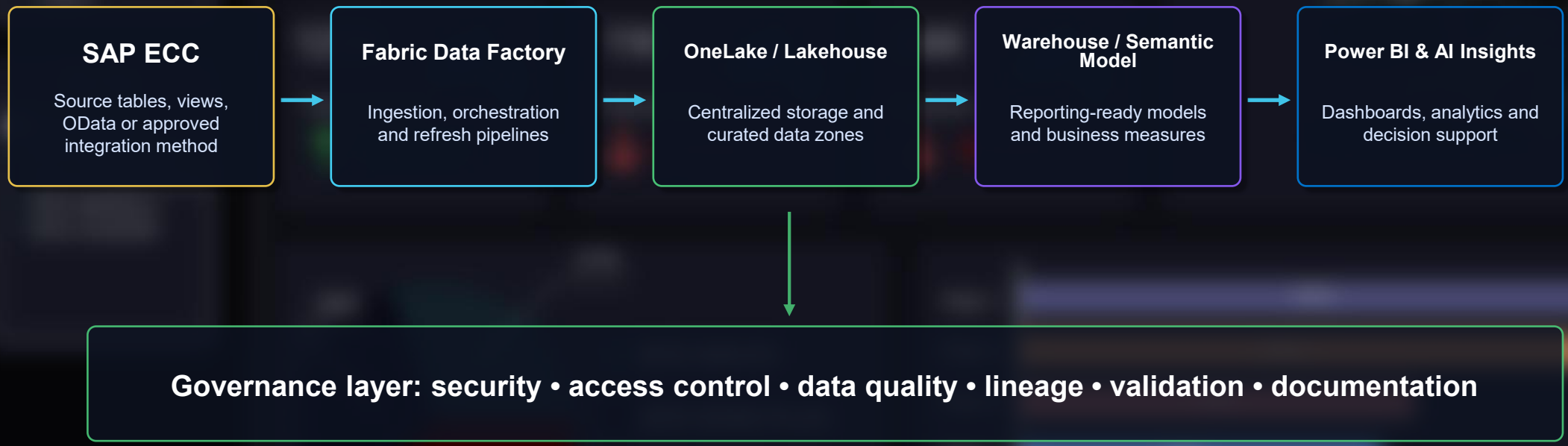
3 Adopt

- Validation and reconciliation
- Security, governance and access design
- Documentation, training and deployment support

SAP ECC → MICROSOFT FABRIC

Reference Migration Architecture

A governed architecture for moving SAP ECC data into Fabric, modeling it for analytics, and publishing certified business reporting through Power BI.



MARKETPLACE-READY SCOPE

Defined Deliverables

Deliverables

- SAP ECC migration assessment and roadmap
- Microsoft Fabric target architecture
- Ingestion and transformation pipeline plan
- Fabric Lakehouse or Warehouse structure
- Power BI semantic model and sample reports
- Validation and reconciliation report
- Deployment checklist and handoff documentation

Defined outcomes

✓ Modern Fabric data foundation for selected SAP ECC domains

✓ Validated data movement from SAP ECC to reporting layer

✓ Power BI-ready semantic model and business reports

✓ Repeatable roadmap for full migration

Scope clarity

The final scope is confirmed during discovery and depends on the number of SAP data objects, reports, environments, users and integration paths included in the engagement.

This framing keeps the offer fixed in outcome while allowing implementation details to match the customer's SAP landscape.

TYPICAL ENGAGEMENT PLAN

Implementation Approach

A phased delivery model helps control risk, prove data accuracy and prepare users for adoption.

Week 1

Discovery & assessment

Inventory SAP ECC reports, data objects, dependencies and success criteria.

Week 2

Architecture & design

Define Fabric target architecture, security model and ingestion approach.

Weeks 3–4

Build data foundation

Create pipelines, OneLake landing zones and Lakehouse / Warehouse models.

Week 5

Reporting modernization

Develop semantic models and Power BI dashboards for selected use cases.

Week 6

Validate & hand off

Reconcile data, deploy to production path, and deliver documentation.

BUSINESS VALUE

Customer Outcomes

Modern SAP analytics foundation

Customers gain a governed, cloud-scale path for SAP ECC data that supports self-service BI and future AI initiatives.

✓ **Faster reporting cycles**

Reduce manual extracts and create repeatable refresh pipelines.

✓ **Unified data access**

Bring SAP ECC and non-SAP data into a single analytics foundation.

✓ **Trusted insights**

Validate source-to-target data and document reconciliation results.

✓ **Self-service analytics**

Enable Power BI semantic models and governed report consumption.

✓ **AI-ready architecture**

Prepare curated data assets for Copilot and advanced analytics use cases.

✓ **Scalable operations**

Use Fabric workloads to grow with business reporting needs.

PILOT SCOPE

Optional Proof of Value

A focused pilot validates the migration pattern before expanding to additional SAP ECC reporting domains.

Pilot objective

Demonstrate an end-to-end SAP ECC to Microsoft Fabric data flow and validate business reporting through Power BI.

The pilot creates a clear go-forward roadmap for broader migration.

Pilot scope

- Select one SAP ECC business domain or report set
- Validate connectivity and source data extraction method
- Create Fabric Lakehouse or Warehouse model for selected data
- Build one to two sample Power BI reports
- Produce reconciliation results and migration recommendations

CUSTOMER READINESS

Prerequisites & Assumptions

Customer prerequisites

- Access to SAP ECC environment and approved source data objects
- Microsoft Fabric capacity or workspace and Power BI licensing
- Customer security, network and SAP authorization approvals
- Business SMEs, report owners and data stewards available for validation
- Agreement on selected business domains, reports and success criteria

Scope assumptions

- Final scope depends on number of SAP data objects, reports, users and environments
- Third-party licenses, SAP licensing and Microsoft cloud licenses are not included
- Production deployment requires customer approvals and change-management controls
- Security and compliance requirements are confirmed during discovery

These details help customers understand requirements before acquiring the marketplace offer.

Why Data Integrity Services?

A validation-first migration partner for SAP ECC analytics modernization on Microsoft Fabric.

- Microsoft Data & Analytics delivery experience
- Fabric and Power BI implementation expertise
- Secure enterprise-grade migration methodology
- Reconciliation-driven data validation approach
- Documentation, training and long-term enablement

Start your SAP analytics modernization journey

Use the Microsoft Marketplace Contact Me button, or contact us directly:

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