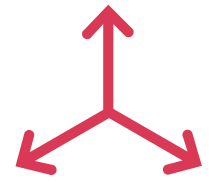# ERP Data Modernization

## Unlock business insights through data modernization

PwC's ERP data modernization technology, patent pending, can help streamline complex data integrations across ERP and non-ERP sources. Our analytics and insights-led approach powered by Microsoft Azure and Microsoft Fabric accelerates time-to-value while empowering your organization with trusted visibility and real time, cross-platform analytics.

**Key questions:**

- Does your business seek to treat data as a strategic asset?
- Is your organization able to connect across multiple disparate and complex data silos?
- Is your business growth hindered by data that is difficult to access?
- Does your organization face pressure to gain insights and deploy value in weeks vs. months?



pwc

### Tech-enabled Solutions and Microsoft Purview
Leveraging Microsoft Fabric and PwC tech-enabled solutions built on Microsoft Purview to implement a common data governance model to ensure ongoing improvements and change management.

### AI-Driven Insights
Implementing AI driven insights that exist across geographies, product lines, segments and systems.

### Analytics and Data Visualizations
Connecting your teams with data using a complete analytics platform; Microsoft Fabric combines the best of Microsoft Power BI and Azure Synapse Analytics.
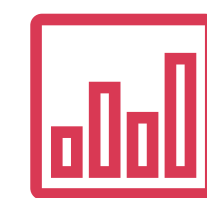
### Data Cleansing and Governance
Standardizing, cleansing and governing data.

### Data Consolidation
Aggregating data from multiple ERP and non-ERP sources into a single open cloud-based Azure OneLake data hub.

### Data Quality Standards
Applying data quality standards, data catalogs and data lineage capabilities to establish trusted data secured through Azure Key Vault.

### Generative AI
Creating the data foundation required for the innovation of enterprise-wide generative AI solutions.

### Microsoft Fabric
Leveraging Microsoft Fabric for seamless integration and portability of multi-cloud data sources.

# Benefits

### Enterprise View of Data

Provides one seamless and consistent platform across ERP and non-ERP data. This enterprise-centric ecosystem on Microsoft Azure standardizes definitions and metrics across the enterprise and revolves around service and data solutions.

### Citizen-led Data and Analytics

Reduces manual manipulation with one seamless and consistent interface. Microsoft Fabric enables business users across the enterprise to access cross-functional business insights through automated dashboards and reports.

### New Business Insights

Improves forecasts with Azure Synapse Analytics. Add depth and breadth by adding new data, including unstructured data, IoT data, and external data, into metrics across many platforms. Preventive analytics, rather than prescriptive allows you to prepare for unknown market conditions and unforeseen events.

### Trustworthy Data Management

Enables data governance, quality, and security through Microsoft Fabric. Improve business performance by supporting transparency and operational excellence, predicting economics of the business you can trust.

# Driving business value for a CPG company with one holistic enterprise view

### Challenge

Following an acquisition, the company needed to modernize its legacy analytics system to onboard new data with predictable performance and lower operational costs.

### Solution

PwC designed and implemented an Azure native, event-driven analytics platform with a metadata-driven ingestion pipeline. Power BI and Synapse Spark Pools were leveraged for descriptive and predictive analytics.

### Results

With the Microsoft Azure data platform, the company leveraged cost savings and fault-tolerant and scalable infrastructure built into Azure. With Power BI and Azure data platform, the company has realized significant cost savings, increased trust in the data and increased consistency throughout the acquisition.

**Contact**

**Shane Kondo**
PwC US | Principal ERP data modernization
shane.kondo@pwc.com

**Matt Wood**
PwC US | ERP data modernization Microsoft Alliance Lead
matt.j.wood@pwc.com

# Thank you

pwc.com