SAP® Finance Data Modernization built on Microsoft Fabric

Bringing SAP S/4 HANA® to Microsoft Fabric using SAP® Datasphere

The better the question. The better the answer. The better the world works.

Business drivers

Organizations face critical challenges that impede their financial performance and responsiveness in today's fast-paced market:
- Inefficient data integration hinders timely financial insights and swift market responses due to delays and errors.
- Cumbersome manual reporting processes compromise data accuracy and hinder agile decision-making, creating a pressing need for automation.
- Outdated traditional financial systems limit timely data access and advanced analytics, hampering decision-making and driving the demand for real-time insights.
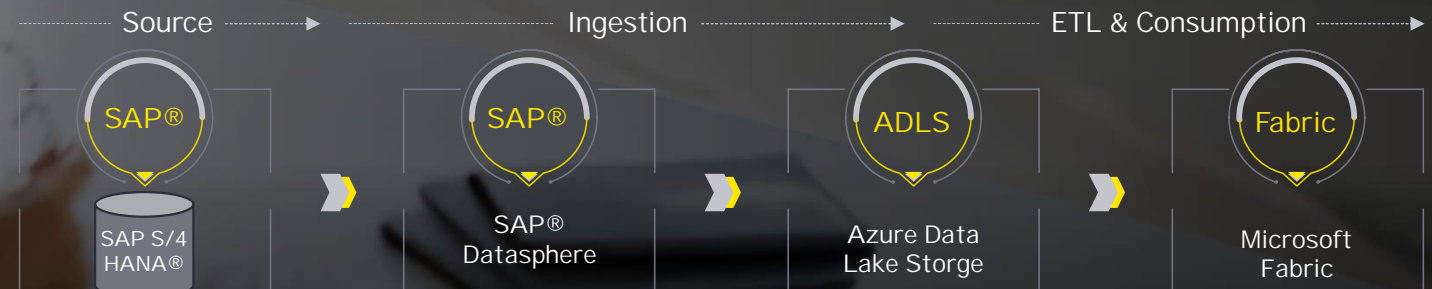
Solution overview

SAP® Finance Data Modernization, powered by Microsoft Fabric, addresses critical financial data management challenges by migrating data from SAP S/4HANA® to Microsoft Fabric, significantly enhancing accessibility, integration, and analytics capabilities. To drive this transformation, the solution:

- Utilizes SAP® Datasphere as middleware to replicate data to Azure Data Lake Storage (ADLS)
- Employs the robust data transformation and reporting features of Microsoft Fabric
- Provides substantial value to clients while improving operational efficiency through streamlined data processes

Solution benefits

The solution streamlines the migration of finance data from SAP®, enhancing reporting efficiency, reducing manual effort, and enabling organizations to leverage their data more effectively. Other benefits include:

- Expedites reporting and significantly reduces manual effort
- Helps empower organizations to utilize SAP® data in a visually engaging manner
- Leverages SAP Datasphere to ensure smooth data integration and timely access to critical financial information
- Enhances operational efficiency by streamlining data processing, leading to faster and more informed decision-making

EY

Shape the future with confidence

Microsoft

Source → Ingestion → ETL & Consumption

SAP® — SAP S/4 HANA®

SAP® — SAP® Datasphere

ADLS — Azure Data Lake Storge

Fabric — Microsoft Fabric

SAP S/4 HANA® to Microsoft Fabric

Solution differentiators

The solution offers a comprehensive approach to migrating SAP® financial data to Microsoft Fabric:

- Utilizes SAP Datasphere® for seamless data integration and near real-time replication.
- Optimizes data orchestration with Task Chains in SAP® Datasphere.
- Leverages Microsoft Fabric components such as Lakehouse, Notebooks, Pipelines and Power BI for streamlined data processing and decision-making.

Joint value proposition

Teaming with Microsoft generates significant value for clients by leveraging the combined strengths of EY teams industry experience and Microsoft innovative technology solutions. This collaborative relationship enhances our ability to address complex business challenges more effectively than competitors in the marketplace:

- The alliance supports rapid implementation of data-driven transformations, allowing clients to achieve their business objectives faster and more efficiently.
- By leveraging EY teams extensive data transformation knowledge alongside Microsoft cutting-edge tools, we provide tailored solutions that not only enhance operational efficiency but also drive sustainable growth, positively impacting both revenue and profitability.
- Our enduring collaboration cultivates a culture of trust and innovation, supporting clients to confidently navigate change while integrating EY teams proven data transformation strategies to unlock new opportunities for scalable growth.

EY and Microsoft: Helping the world work better to achieve more.

Every day, throughout the world, businesses, governments, and capital markets rely on EY business ingenuity and the power of Microsoft technology to solve the most challenging global issues with extraordinary, transformative outcomes.

EY and Microsoft bring a compelling formula to spark the potential of the cloud and unlock the power of data. We solve our clients' most challenging issues by blending trusted industry expertise with innovative cloud technology. Our strategic relationship draws on decades of success developing visionary solutions that provide lasting value.

Together, we empower organizations to shape the future with confidence.

For more information, visit: ey.com/Microsoft.

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EY | Building a better working world

EY is building a better working world by creating new value for clients, people, society and the planet, while building trust in capital markets.

Enabled by data, AI and advanced technology, EY teams help clients shape the future with confidence and develop answers for the most pressing issues of today and tomorrow.

EY teams work across a full spectrum of services in assurance, consulting, tax, strategy and transactions. Fueled by sector insights, a globally connected, multi-disciplinary network and diverse ecosystem partners, EY teams can provide services in more than 150 countries and territories.

All in to shape the future with confidence.

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