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Kyndryl Services for SAP Data, Platform and Analytics Modernization

December 2025

Key business drivers and considerations

Key business drivers

SAP data, platform and analytics modernization



Actionable Insights

Need to gain actionable insights from SAP data and unlock value by integrating both SAP and non-SAP data

- Develop a data strategy for advanced analytics
- Establish a robust data framework for SAP that empowers self-service business intelligence
- Leverage AI and generative AI to simplify access to data insights



Cloud Transformations

SAP data and platform modernization driven by cloud transformations

- Modernize SAP data ecosystem as part of a cloud transformation
- Migrate SAP Business Warehouse (BW) workloads to align with enterprise cloud transformation strategies
- Develop a data platform strategy that supports both SAP and non-SAP environments



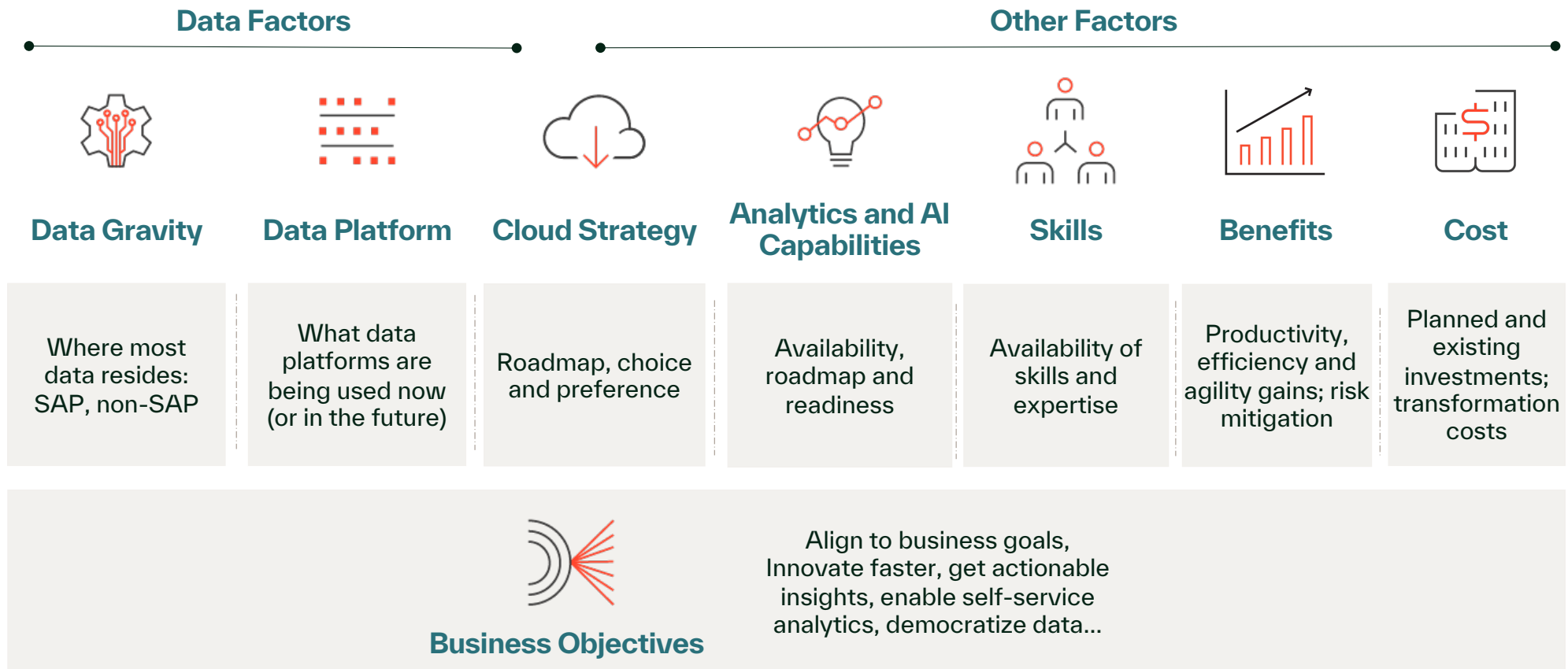
SAP Business Warehouse Modernization

Prepare for SAP BW end of life

- Prepare for 2027 end of mainstream maintenance for traditional SAP BW systems
- Avoid extended maintenance fees and continue deriving value from SAP BW investments by migrating to SAP Business Data Cloud (BDC)

Key considerations

Data integration strategy





Benefits of SAP data and analytics modernization

- **Streamlines enterprise-wide data collection** and processing by integrating various functions into a cohesive data and analytics platform
- **Enables mission-critical data analysis** by unlocking advanced analytics for key areas such as supply chain, manufacturing, procurement, finance, HR, and more
- Facilitates the **optimization of end-to-end business processes** and **enhances decision-making** through easier and faster data integration

SAP data and analytics modernization addresses common data integration challenges:

1

Limited access due to data silos

2

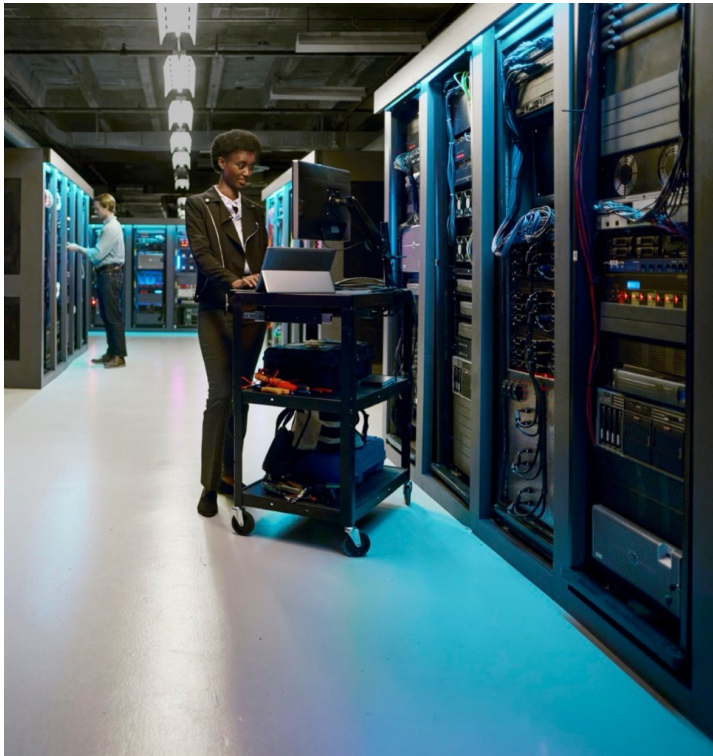
Difficulty connecting various data sources

3

Limited availability for advanced analytics across all data

SAP data integration challenges on non-SAP platforms

Platforms such as Snowflake, Cloudera and standard Databricks are central to many data modernization strategies. Kyndryl offers tools and accelerators to navigate SAP data integration challenges and supports SAP Business Data Cloud to ensure seamless integrations, delivering the right data at the right moment, at scale.



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Complex Data Structures

Highly normalized tables, complex joins, and proprietary logic require deep SAP expertise to replicate



Performance Bottlenecks

Large SAP data volumes are resource-intensive, which can lead to latency and throughput issues that degrade performance if not effectively managed



Business Logic and Semantics

Embedded business logic and semantics must be recreated, abstracted or reverse-engineered to maintain context, which can be complex and resource-intensive



Governance and Compliance Risks

Varied structures and data types across different SAP modules make mapping and lineage tracking more complex on non-SAP platforms, requiring robust controls, encryption, data masking, monitoring and auditing

Kyndryl's approach to SAP data and analytics modernization

Modernization on SAP platforms:



- Integrate SAP data and non-SAP data with SAP Business Data Cloud (SAP BDC)
- Leverage SAP services to build out machine learning, AI or generative AI capabilities
 - SAP Datasphere
 - SAP Analytics Cloud
 - SAP Joule
 - SAP Business AI

Modernization with hyperscalers or independent software vendor (ISV) platforms:



- Integrate SAP and non-SAP data on a hyperscaler or ISV data analytics platform (*Azure, AWS, GCP, Teradata, Cloudera, Databricks, etc.*)
- Leverage hyperscaler or data analytics platform of choice to build out advanced analytics, AI and generative AI solutions

Approach 1

Replicate SAP source data to a hyperscaler or ISV platform and integrate it with non-SAP data

Approach 2

Federate data on SAP Datasphere with non-SAP data on hyperscaler or ISV platforms without replicating it

Kyndryl offers consulting services to provide an SAP data modernization roadmap and target landscape architecture customized to your unique ERP landscape

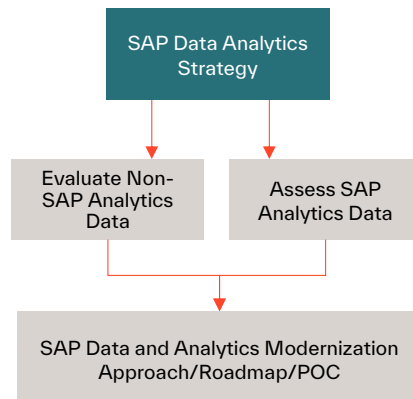
Kyndryl consulting services tailored to specific SAP data transformation needs

SAP data, platform and analytics modernization

Scenario 1: Build a comprehensive data strategy roadmap (SAP and non-SAP data)

Common Drivers/Factors

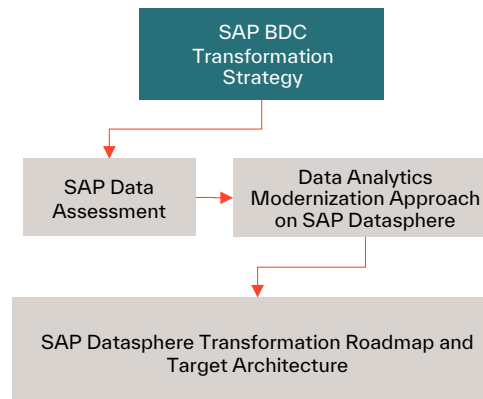
- Legacy data and analytics environment is split across multiple data sources
- Develop analytics strategy and identify best-fit approach to integrate SAP and non-SAP data



Scenario 2: Modernize SAP data

Common Drivers/Factors

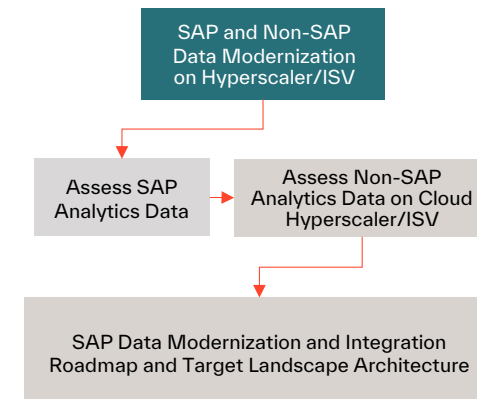
- Need to modernize SAP analytics and develop a roadmap for SAP Datasphere to simplify existing business processes, systems and applications



Scenario 3: Modernize SAP data with non-SAP data on cloud

Common Drivers/Factors

- Need a roadmap to modernize and integrate SAP analytics data with non-SAP data residing on cloud hyperscalers or ISV platforms
- Need to federate SAP data on SAP Datasphere with a data warehouse



How Kyndryl is helping customers with SAP modernization

Sugar Producer and Distributor

Integrating SAP and other sources of data and generating BI dashboards using Gen AI

The customer is a leader in sugar production and distribution in North America with expertise in growing, milling, refining and marketing of sugar and other products.

The company wanted to achieve greater operational efficiency, consistency and quality in its agricultural and factory areas by implementing cutting-edge technology in the field, sugar mills, and information and control systems.

Business challenge

Challenges included:

- Lack of a single source of truth due to disparate tools and data spread across SAP and other systems
- Data governance and regulatory compliance challenges
- Need for additional skills and resources to build various BI dashboards, which had driven up operating costs

Transformation

Kyndryl designed a modernization roadmap and architecture for the customer.

The team integrated SAP data into Google Cloud using the Cortex Framework and leveraged natural language processing with Gen AI, agents and self-service dashboards to democratize access to data and insights.

Kyndryl manages the environment and provides best in class up-time for the customer's data systems.

Results

- Integration of data silos to achieve a cohesive view of business processes, the supply chain and IOT data for Industry 4.0 use cases
- Adoption of Generative AI for natural language queries and dashboard build services
- Strong data governance advisory and implementation services to ensure adherence to compliance requirements
- Strategic partnership to advise, build, implement and manage a complex data ecosystem and future proof the customer's environment





Automotive Aftermarket Distributor

Seamless AWS migration and data architecture on SAP BW/4HANA leads to operational efficiency

The customer is one of the world's largest independent distributors of vehicles and parts supplying 150+ dealerships nationally.

The company is franchised by one of the world's major automotive manufacturers.

Business challenge

The customer previously migrated from on-premise to IBM Cloud with steady-state operations for two years, gaining confidence in processes, methods and execution.

The company needed assistance with:

- Planning labor needs based on projections related to expected rate of vehicle supply to final building
- Measuring gaps and determining performance improvement plans
- Vehicle segmentation

Transformation

Kyndryl assembled a team of migration experts that mitigated risk and ensured timely and successful application migrations to AWS Cloud.

The team developed a strong data architecture on SAP Datasphere and ingested and replicated transactional data residing in SAP Manufacturing Execution and SAP BW/4HANA.

The team deployed new data flows and remote replication artifacts to extract, load and transform data and built reusable metadata-driven frameworks to enable quick implementation, easy configuration and real-time monitoring.

Results

- 100% visibility on vehicle processing feed rate by shift with hourly breakup
- Productivity improved 20x with enhanced access to individual performance level metrics
- Enabled self-service business dashboards with 20+ key business metrics for all lanes with critical data available to leadership
- Real-time data replication from the largest to smallest SAP Manufacturing Execution tables
- Enhanced reliability, stability and scalability on AWS and greater visibility into service level agreements (SLA) performance





Excellia - Grupo Romero

Reinventing IT operations fuels business flexibility, agility, and growth with SAP migration and modernization

The customer owns 14 different conglomerates with operations in multiple sectors, including consumer goods, agriculture, industrial services, energy, logistics and banking.

They are helping to drive environmentally sustainable growth across the country.

Business challenge

Following rapid growth through acquisition, the customer inherited vast amounts of data, mismatched applications and a diverse IT infrastructure.

Due to complexities and costs involved in managing many diverse systems, the IT team faced growing challenges in meeting dynamic business needs. As a result, many of the companies within the group have struggled to achieve strategic growth.

Transformation

The 14 companies required greater control over their IT environments, budgets and growth plans. The customer decentralized its IT operating model, enabling the flexibility to better compete in diverse industries.

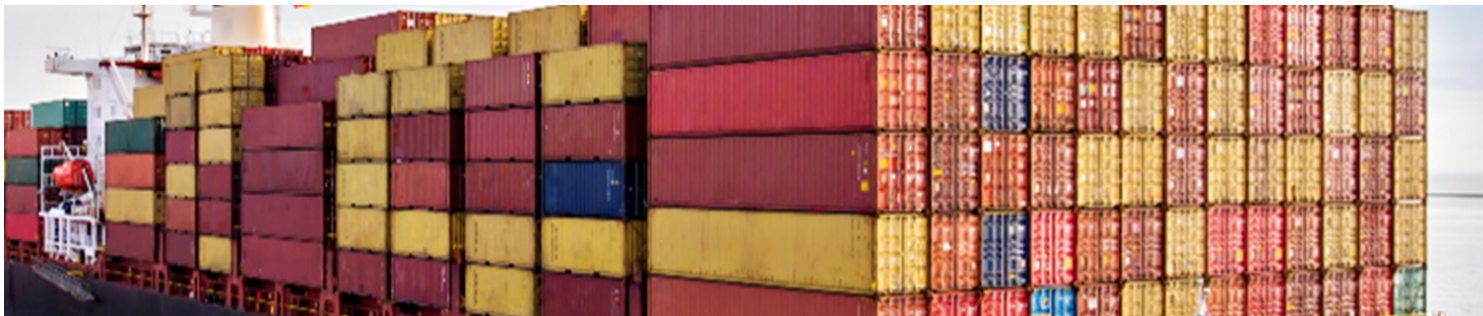
The company designed a new operating and governance model, including the migration of up to 90% of systems from on-premises infrastructure to AWS.

Kyndryl was engaged to manage the SAP “carve-out” project - rearchitecting the group’s single SAP ERP into three separate instances.

Results

- 23% reduction in IT infrastructure costs
- 600 physical servers migrated to the cloud
- 3000 software vulnerabilities resolved

“Kyndryl did an amazing job of managing the project through iterative stages and collaborating with multiple stakeholders to achieve optimal outcomes. Most of all, Kyndryl helped us to minimize business disruption. We simply wouldn’t have been able to achieve this without Kyndryl.” - Grupo Romero



Kyndryl helps build a strong,
integrated data foundation
for your SAP transformation



Kyndryl's SAP consulting services are designed to save time, reduce costs, minimize risks, and ensure a smooth transformation aligned to your business needs

Service Overview

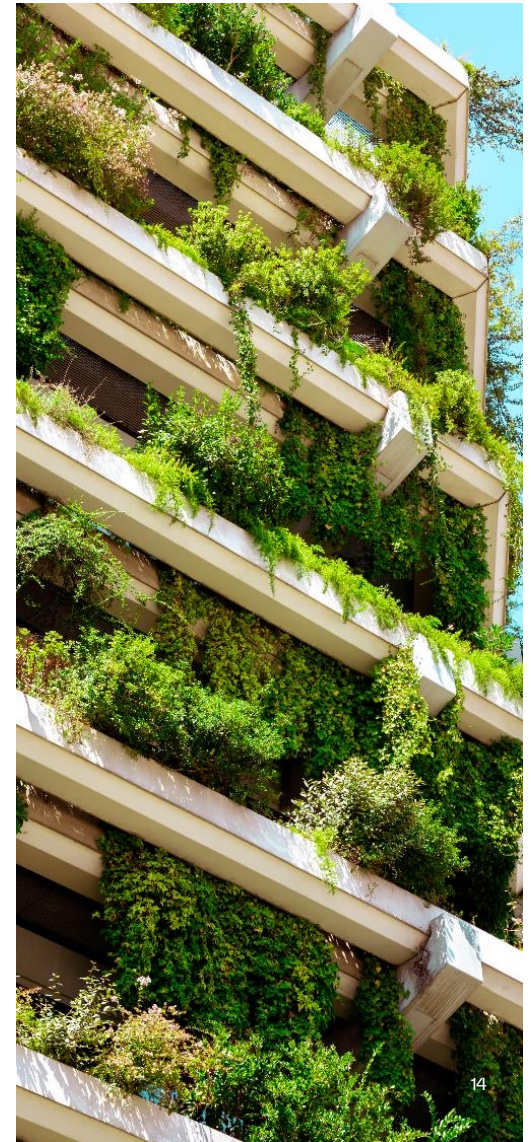
- Comprehensive examination of your current SAP systems
- Assess readiness for transformation
- Alignment with your business goals to ensure a smooth transformation
- Ensure seamless integration of SAP and non-SAP data across your systems and platforms

Solution Components

- Project Governance
- Data Migration and Transformation
- Data Insights and Analytics
- Development and Integration
- Business Processes
- Operational Readiness

Proven Approach

- Leverages proven methods from real-world experience
- Prepares you for both technical and strategic aspects of ERP transformation

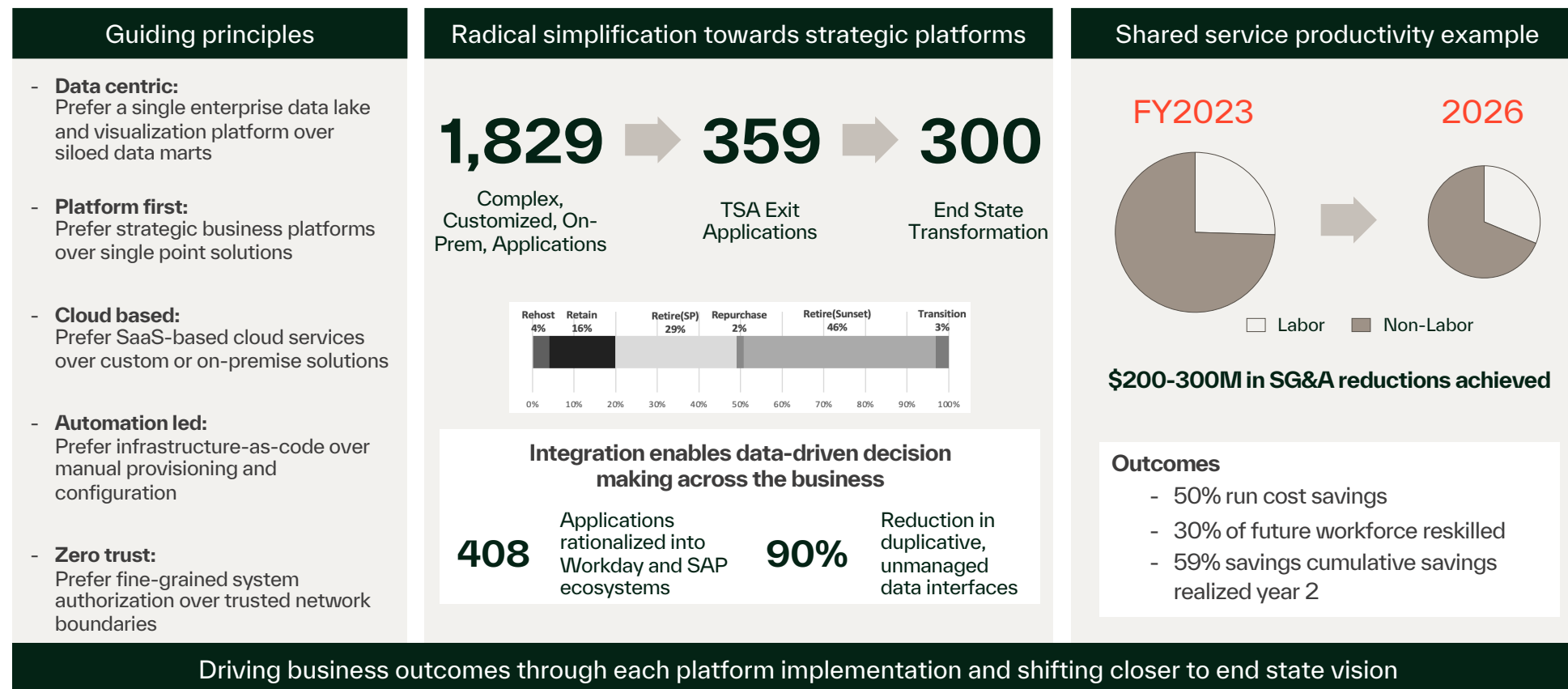


Kyndryl's SAP data and analytics capabilities

	Overview	Business Drivers	Use Cases
 SAP Data Strategy Assessment	Build a path to viability for legacy data and analytics environments split over multiple data sources - Streamline into a cohesive platform - Advanced analytics for supply chain, finance, HR, and more	Extract and integrate SAP and non-SAP data from various sources to unlock insights from complex SAP systems that require specialized skills	Modernize SAP Business Warehouse (BW) - Alignment with internal systems - Migration strategy - Identify performance bottlenecks, data redundancies and inefficiencies
 SAP Data Modernization	Assess and recommend data modernization approach through data relevance, context and clarity - Propose AI and generative AI integrations to unlock value in SAP data environments at scale	Modernize SAP data ecosystem (instead of lift and shift) and enable self-service consumption with trusted data and reporting processes	Consolidate data silos and implement a scalable, modern architecture on cloud platforms - Integrate SAP analytics data into a cloud data lake architecture
 Business Analytics for SAP (AI and BI)	Leverage AI-powered business processes in SAP applications to gain strategic insights - Data strategy and architecture recommendations for advanced analytics	Address data flow and integration challenges to gain real-time analytics for informed decision making - Modernize SAP BW to align with cloud transformation strategies	Establish a data pipeline to migrate or replicate SAP data to cloud analytics platforms - Create frameworks and business AI dashboards for real-time monitoring and decision making
 Generative AI for SAP	Integrate generative AI into SAP data for enhanced digital capabilities - Focus on SAP Joule, developer tools and custom AI applications	Overcome complex data classification and consolidation challenges to gain a single source of truth from disparate tools - Address translation, accuracy, data governance and compliance issues with large datasets	Integrate SAP data into cloud platforms and leverage generative AI, agents and self-service dashboards for data insights - Consolidate and map SAP data - Leverage generative AI for machine translation

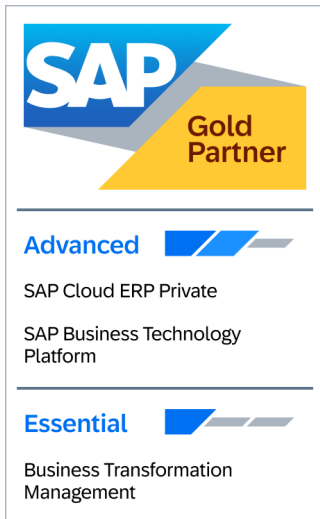
Kyndryl CIO transition and transformation journey

Progress while delivering simplified, enhanced capabilities



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Credentials and recognitions



SAP Certified
in global SAP HANA Cloud
and database operations

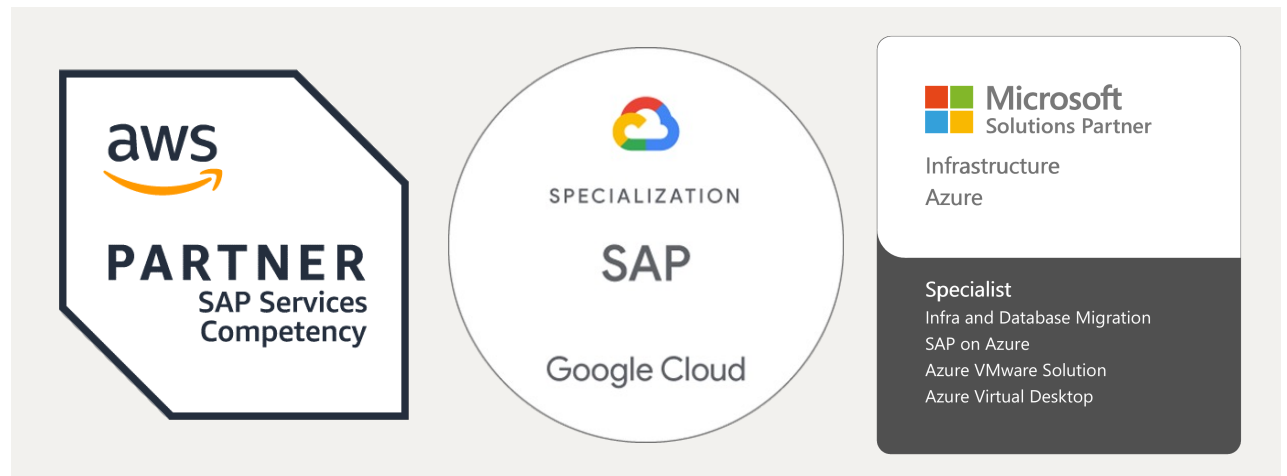
**RISE
WITH
SAP**

**GROW
WITH
SAP**

SAP Partner Types:

- Solution Sales: Resell
- Solution Sales: PartnerEdge Cloud Choice
- Consulting Service Partner
- Managed Service Provider

*In countries that have achieved the required product authorizations





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