

EDM Webinar

Navigating Data Integrity in Enterprise Migrations: Lessons from SAP Transformation

A conversation with



Andreas Nonnenmacher
Vice President, Data
Transformation
Kyndryl



Frédéric Heinemann
Director, Enterprise
Architecture Group Lead
Kyndryl

kyndryl



Today's panel

Moderator



Jim Halcomb
Chief Research &
Development Officer



Andreas Nonnenmacher
Vice President, Data
Transformation



Frédéric Heinemann
Director, Enterprise
Architecture Group Lead



Poll 1

What challenges do you face in data migration projects in your organization?

Choose the any one from the below options

A → Data Volume

B → Data Quality

C → Multiple Sources of truth

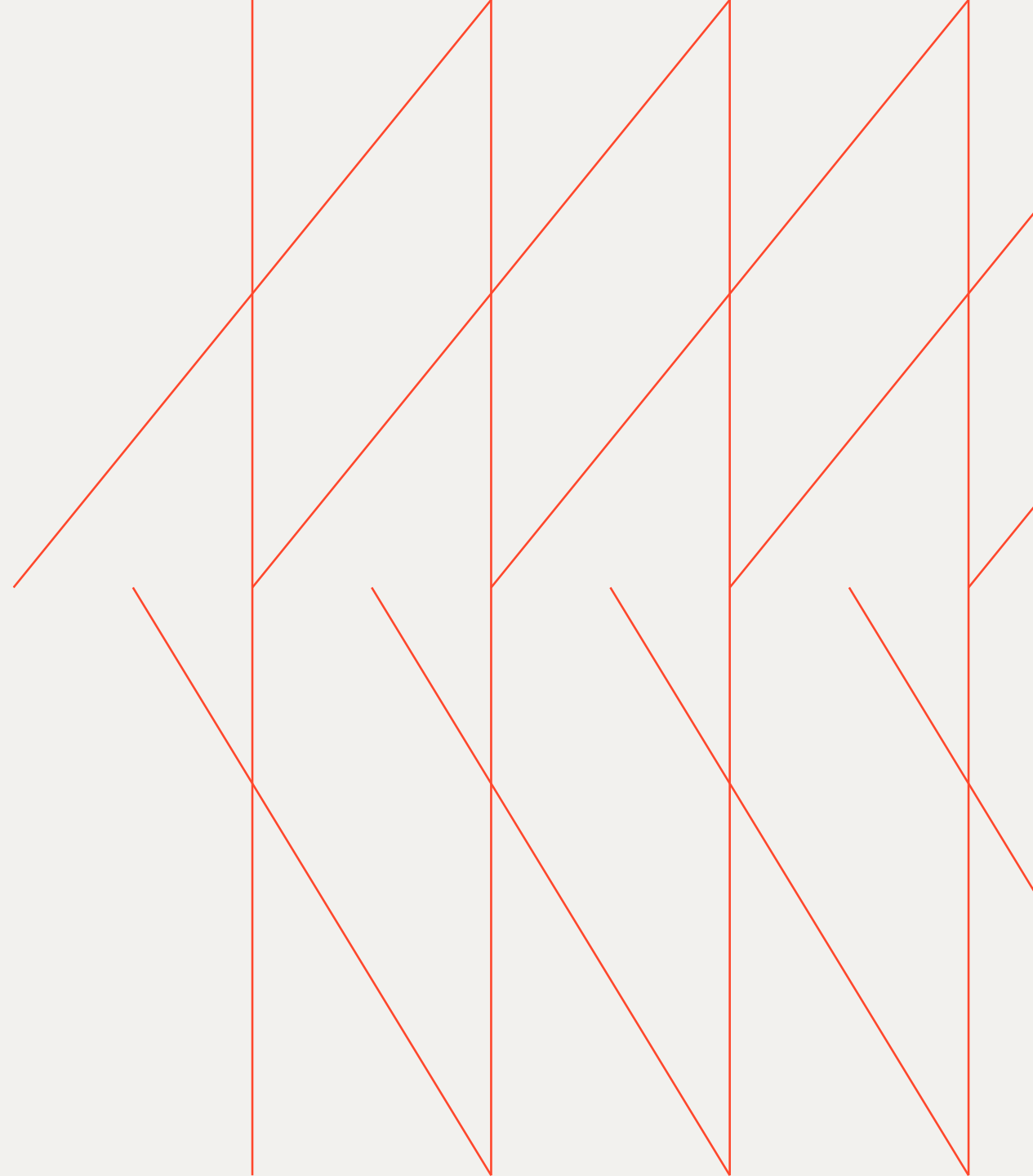
D → All of the above



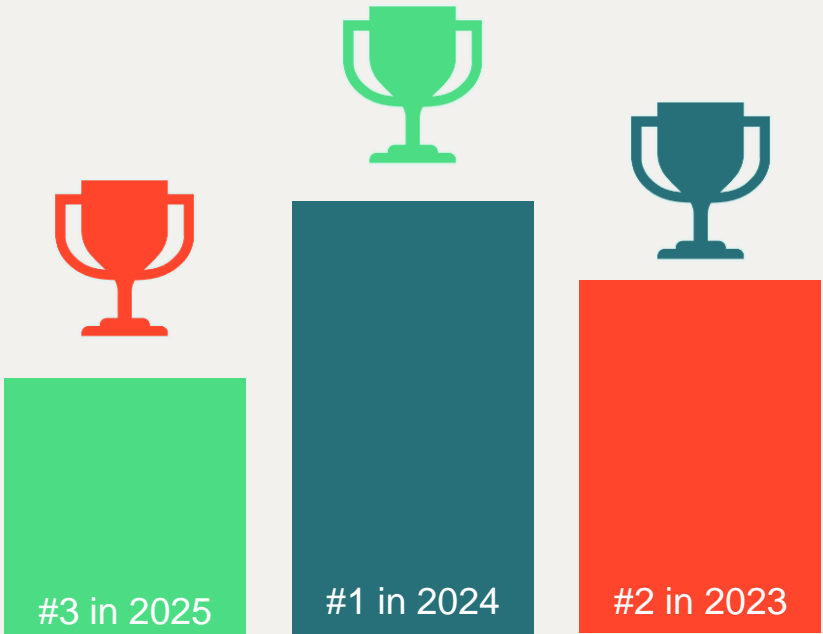
Navigating Data Integrity in Enterprise

Migrations: Lessons from SAP

Transformation



Data is consistently ranked
one among the top 3 SAP
S/4HANA migration challenges



Challenge: “Cleansing data and improving quality the right way”

The Dynamic SAP Landscape

AI is rebooting the way organizations plan their IT

- Analysts forecast that AI is set to have the most significant impact on ERP applications since the advent of cloud computing
- SAP's customers are looking to unleash innovation with right-fit models, composable architecture and putting AI at the center of their strategy

But...

SAP transformation is complex and messy

Transforming SAP involves navigating complex systems, disruption risks, and change management challenges. Successful transformation requires addressing human, technology, and business aspects to achieve desired outcomes.

The power of the SAP Application stems from its ability to manage and leverage data across various business processes and systems.

Data is the fuel for intelligent enterprise decisions

Poll 2

What according to you is the biggest risk of data migration?

Choose the any one from below options

- A → Reputation loss
- B → Project delays and stretching timelines
- C → Cost & Budget overruns
- D → Negative impact to customer experiences
- E → All of the above

Challenges of SAP data migration

Successful SAP data migration requires balancing precision, cost, and control—while navigating legacy complexity

Unfavourable outcomes – when things go wrong:

- 01

Data compatibility

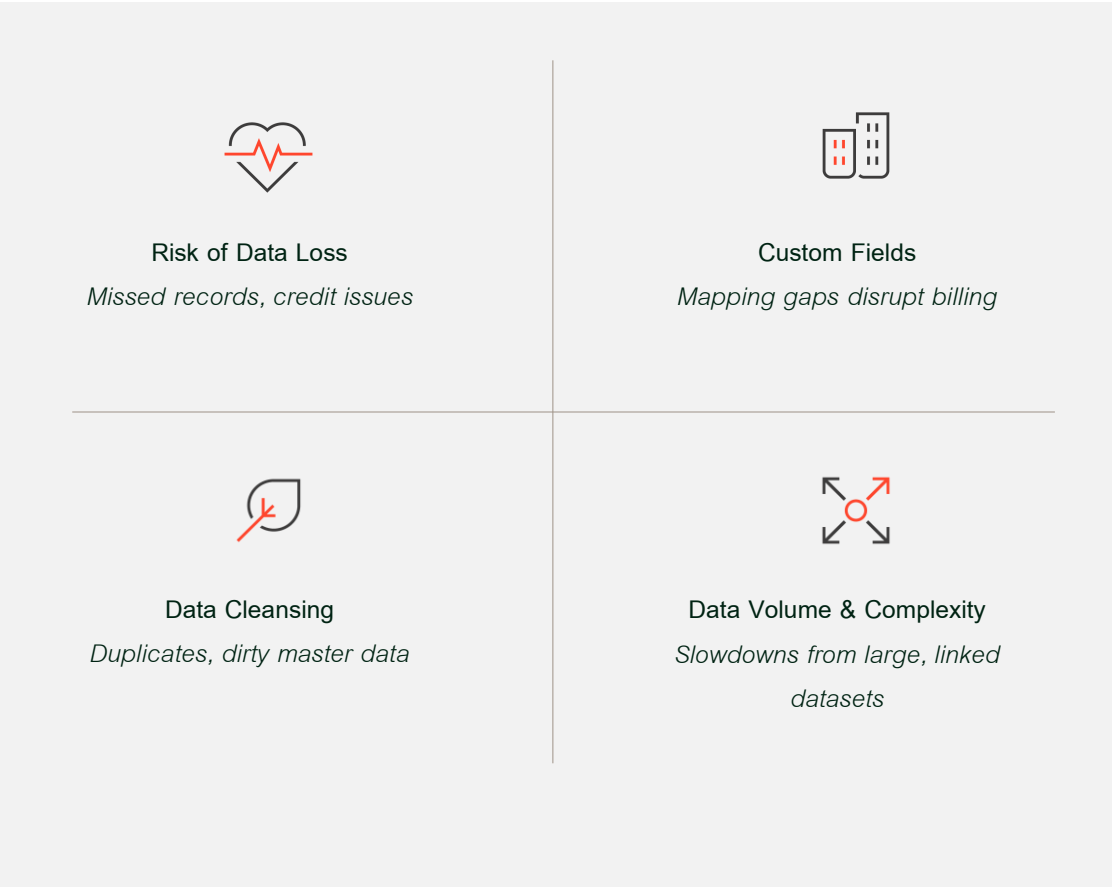
ECC and S/4HANA use incompatible data models, requiring heavy transformation.
- 02

Data volume

Migrating all legacy ERP data is costly—need to identify only what’s business relevant.
- 03

Transformation disruption

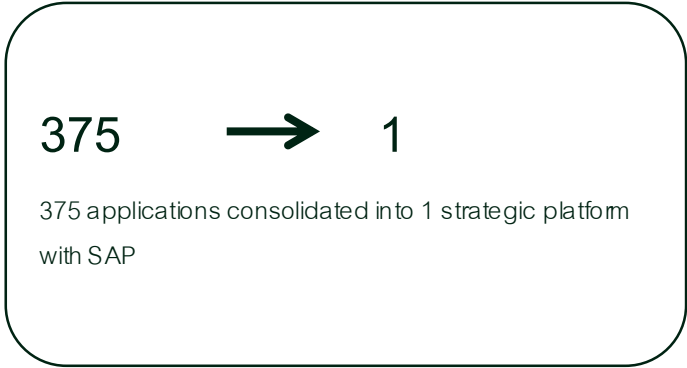
Handling complex data adds risks to the transformation project. Cutting corners can compromise target data.



Our journey towards simplification

Kyndryl's SAP transformation journey was completed at scale within 18 months across 67 countries

We used the Transition Services Agreement (TSA) as a catalyst for simplification—standardizing applications on strategic platforms, deploying global functional solutions, and optimizing business processes from the ground up.



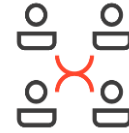
<div>1.829 → 359</div> <div>80 % reduction in applications, with 300 at end state of transformation</div>	<div>68 → 1</div> <div>68 Data Warehouse solutions were consolidated into 1 data platform</div>
<div>98%</div> <div>quality level for e.g. 17.9k contracts within one month of Kyndryl's SAP transformation</div>	<div>40%+</div> <div>reduction in the operating cost of the CIO budget</div>
<div>180</div> <div>integrations via SAP BTP Integration Suite</div>	<div>100%</div> <div>85k Kyndryls onboarded to SAP Cloud ERP</div>
<div>E s t i m a t e d</div> <div>US \$200–300M</div> <div>SG&A expense savings over time</div>	<div>100%</div> <div>C l o u d - b a s e d o p e r a t i o n s</div>

Lessons learned from our SAP data migration experience to simplify operations and enable faster decision-making



Live the platform, don't rebuild the past

Rather than replicating legacy systems or conducting exhaustive fit-gap analyses, we embraced the capabilities of our chosen platforms from day one. The focus wasn't on vendor comparison—it was on fully committing to and operating within the platform to drive transformation at scale.



Make data a business asset, not just an IT concern

We established a deeply engaged, business-aligned data team—anchored by Data Stewards to uphold standards, a data science consultancy for advanced insights, unified master data management, and compliant data retention practices.



Mastering business data, not just apps or processes, drives true enterprise value

Mastering data migration, modernization and governance, is essential to reducing operational costs and simplifying enterprise systems. It enables organizations to modernize with purpose, aligning technology with strategic business outcomes.

Opportunity & gaps we saw in the market:

Automation of the full migration lifecycle: Introduced the Kyndryl Data Transformation Suite for SAP Solutions

We created a digital blueprint—beyond frameworks and templates to deliver data-driven guidance that empowers precise, context-aware decisions across complex SAP transformation journeys.

Key features:

- Comprehensive system analysis
- Accelerates transformation journeys
- Ensures efficient data handling

Kyndryl Business Object Repository (BOR)

- Accelerates time to value with a common understanding of data:
- Represents all customer data valid for migration
 - Simplifies understanding of customer data structures
 - Enables data profiling and evaluation based on existing business objects and data context

Critical needs addressed by the accelerator tool:



Full **data migration lifecycle** coverage – scoping, assessment, conversion, data transformation, migration, QA and compliance



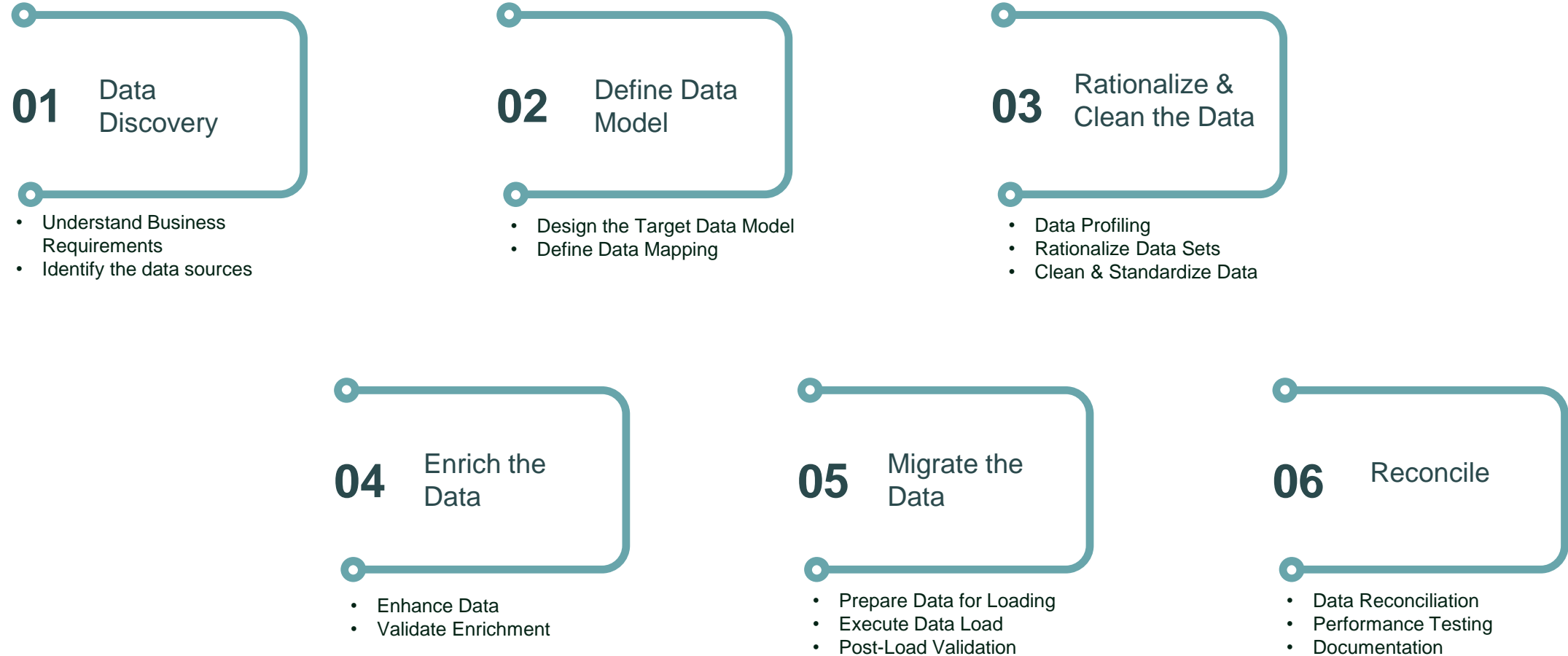
Interoperability and integrations with additional tools from **SAP co-development portfolio** (e.g., Business Transformation Center)



Business transformation scenarios are also available (e.g., Company Code Deletion)

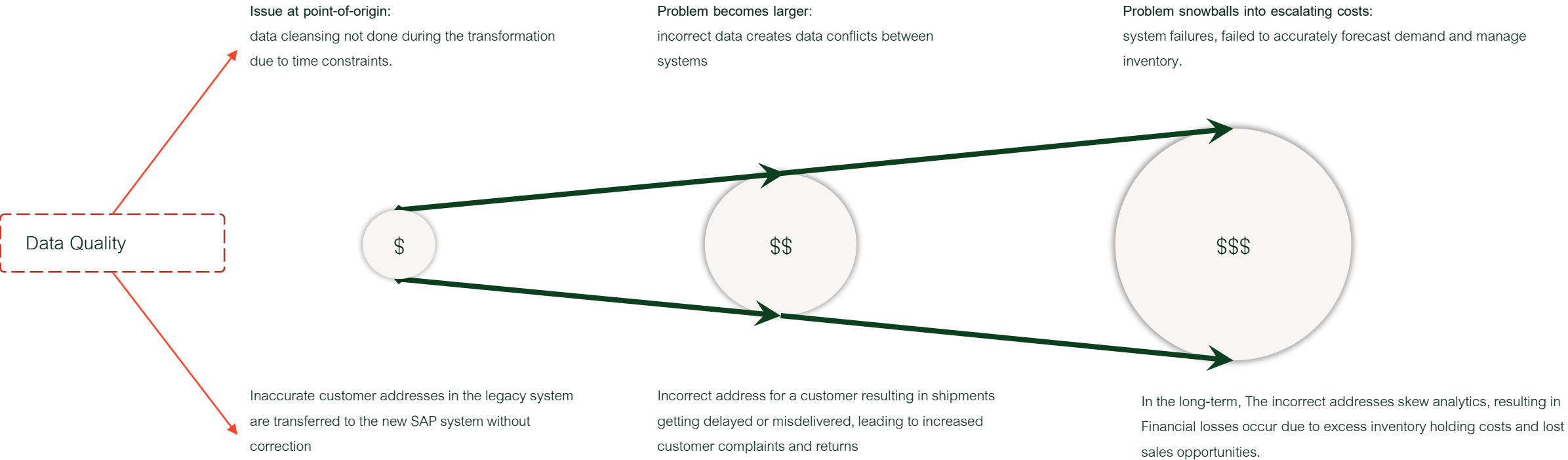


Complement additional services available from Kyndryl’s SAP transformation initiative (e.g., BOR and non-SAP system support)

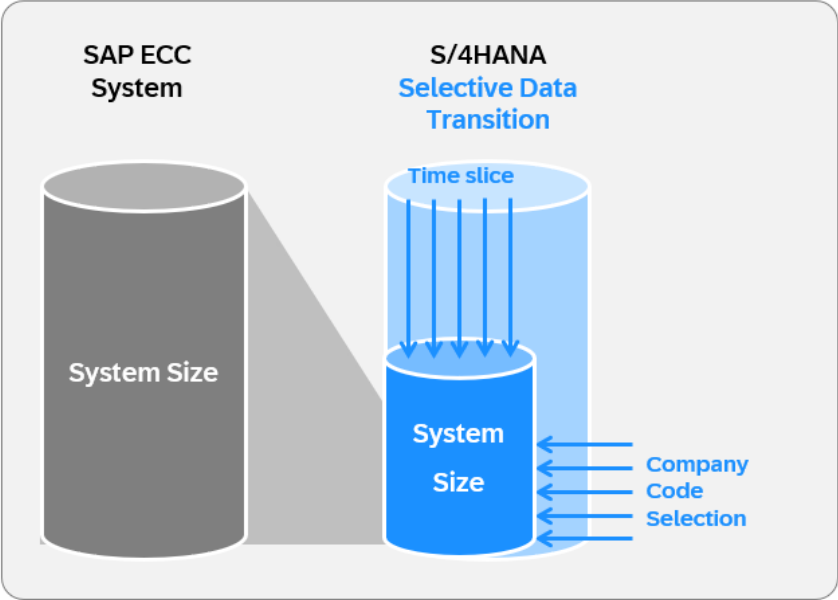


Data: at the heart of an organization’s strategy

Data quality problems are rarely isolated: they create headaches for a wide variety of user groups within the organization



The selective data transition imperative: Driving Smarter Migrations



Challenges

- High licensing costs limit access to advanced capabilities
- Complex business transformations are difficult to execute at scale
- Lack of flexibility in removing obsolete or irrelevant data
- Infrastructure strain and post-migration risks remain high
- Migrating irrelevant data reduces operational and reporting value
- Rigid tools restrict custom data selection and transformation

Solution

- Enable transformation without additional licensing costs
- Support complex business logic and transformation scenarios
- Allow flexible removal of obsolete data using custom rules
- Reduce memory footprint and mitigate post-migration risks
- Ensure only relevant, high-value data is migrated
- Provide unrestricted control over data selection and transformation

What Next?

Connect with the speakers



Andreas Nonnenmacher
Vice President, Data Transformation
[linkedin.com/in/andreas-Nonnenmacher](https://www.linkedin.com/in/andreas-Nonnenmacher)



Frédéric Heinemann
Director, Enterprise Architecture Group Lead
[linkedin.com/in/heinemann](https://www.linkedin.com/in/heinemann)



Read our eBook:
Navigating the business, human and
technical challenges of SAP
transformation



Read the eBook



Most of the Fortune 100



companies are Kyndryl customers

60% +

of world's managed infrastructure run by
Kyndryl



95%+

customer retention and more than
ten years' average relationship



60+

countries



77K+

Technology certifications among our
delivery team, a 50% increase since fiscal
2023



Credentials and recognitions



Advanced

SAP Cloud ERP Private

SAP Business Technology Platform

Essential

Business Transformation Management

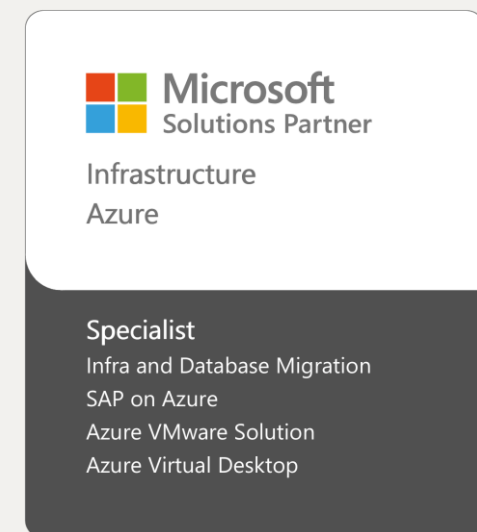
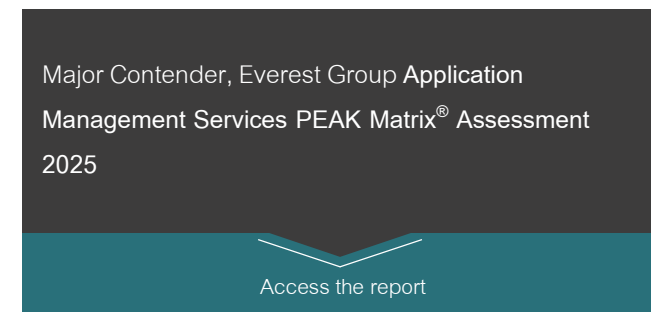
SAP Certified
in global SAP HANA Cloud
and database operations

**RISE
WITH
SAP**

**GROW
WITH
SAP**

SAP Partner Types:

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

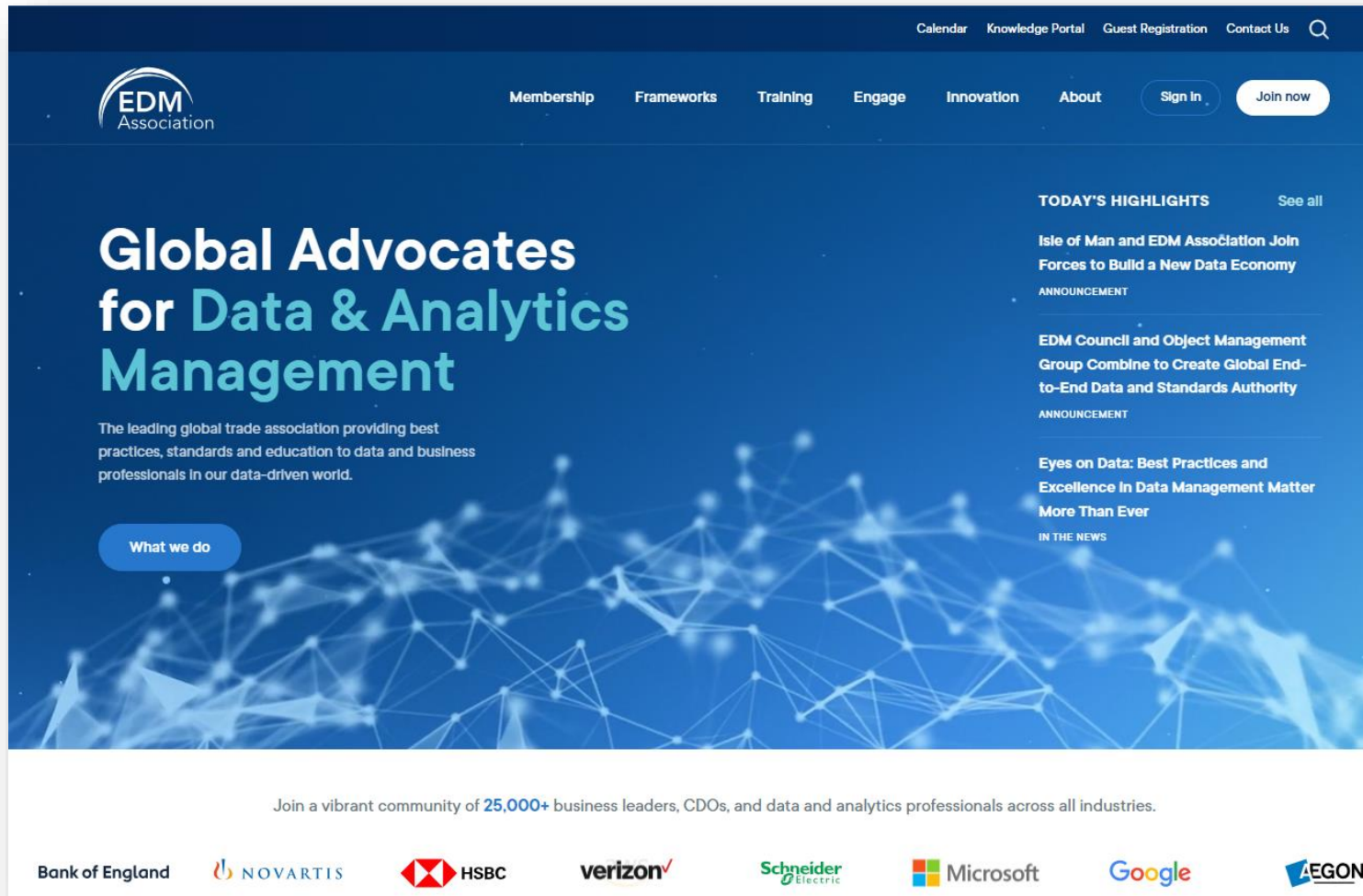


Questions?

kyndryl®

Learn more about EDM Association

(formerly EDM Council)



350+ Member Firms
Cross-industry,
including Regulators



25,000+
Professionals



Worldwide
Americas, Europe,
Africa, Asia, Australia



edmouncil.org

