



Autonomous Enterprise Webcast Series

Migration and Modernization Assistants: Accelerating Cloud Transformations with SAP Cloud ALM

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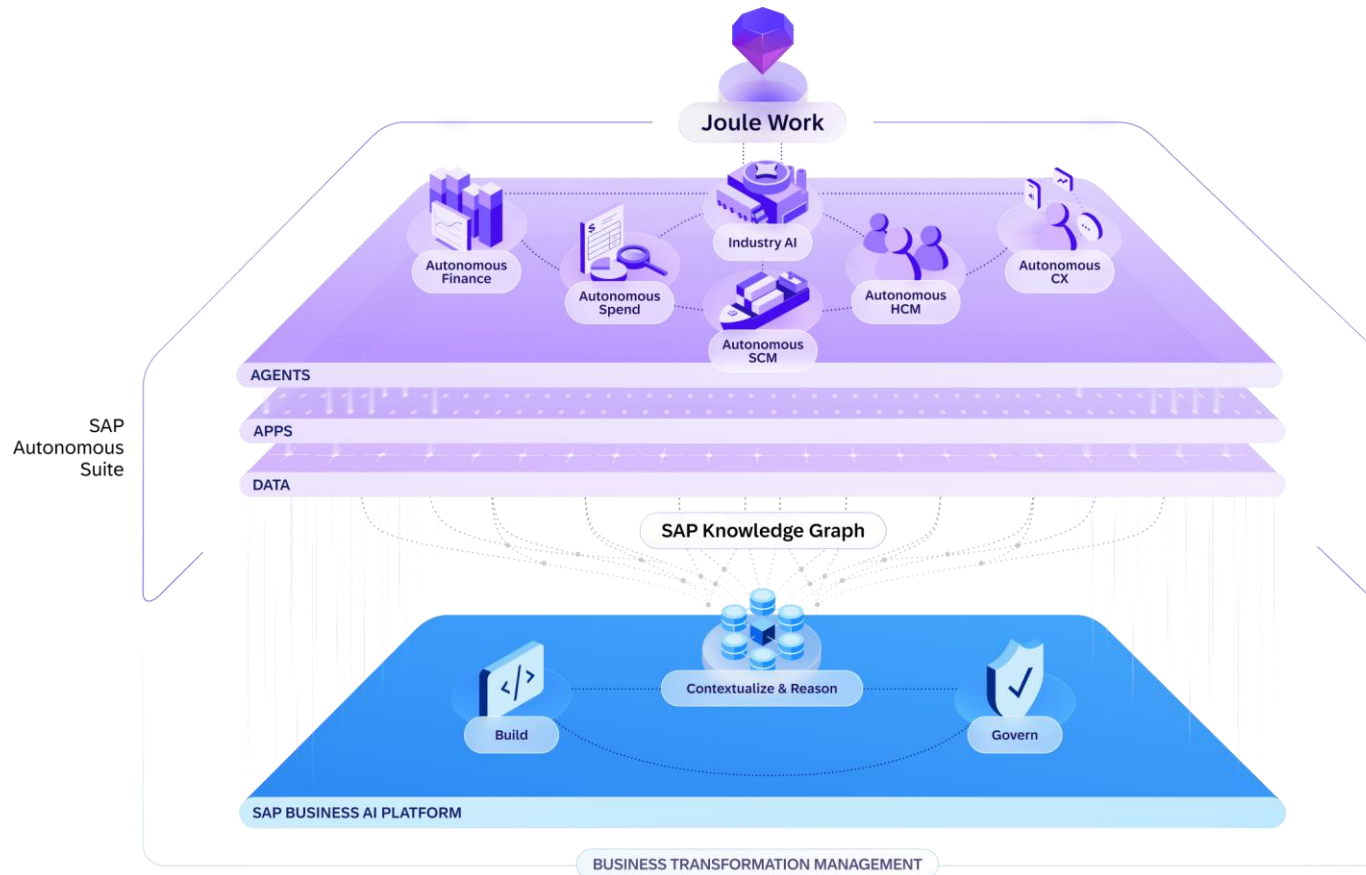
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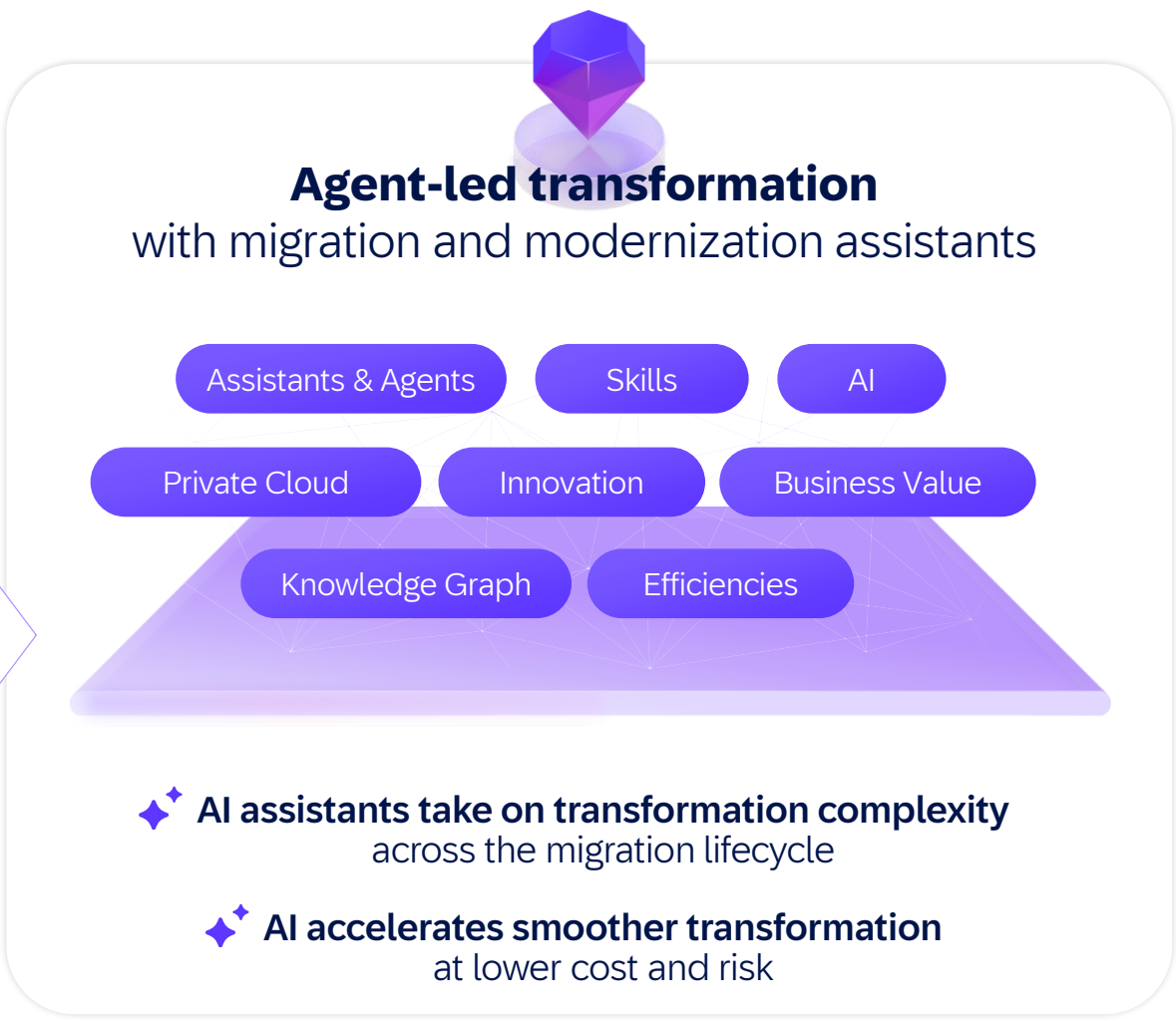
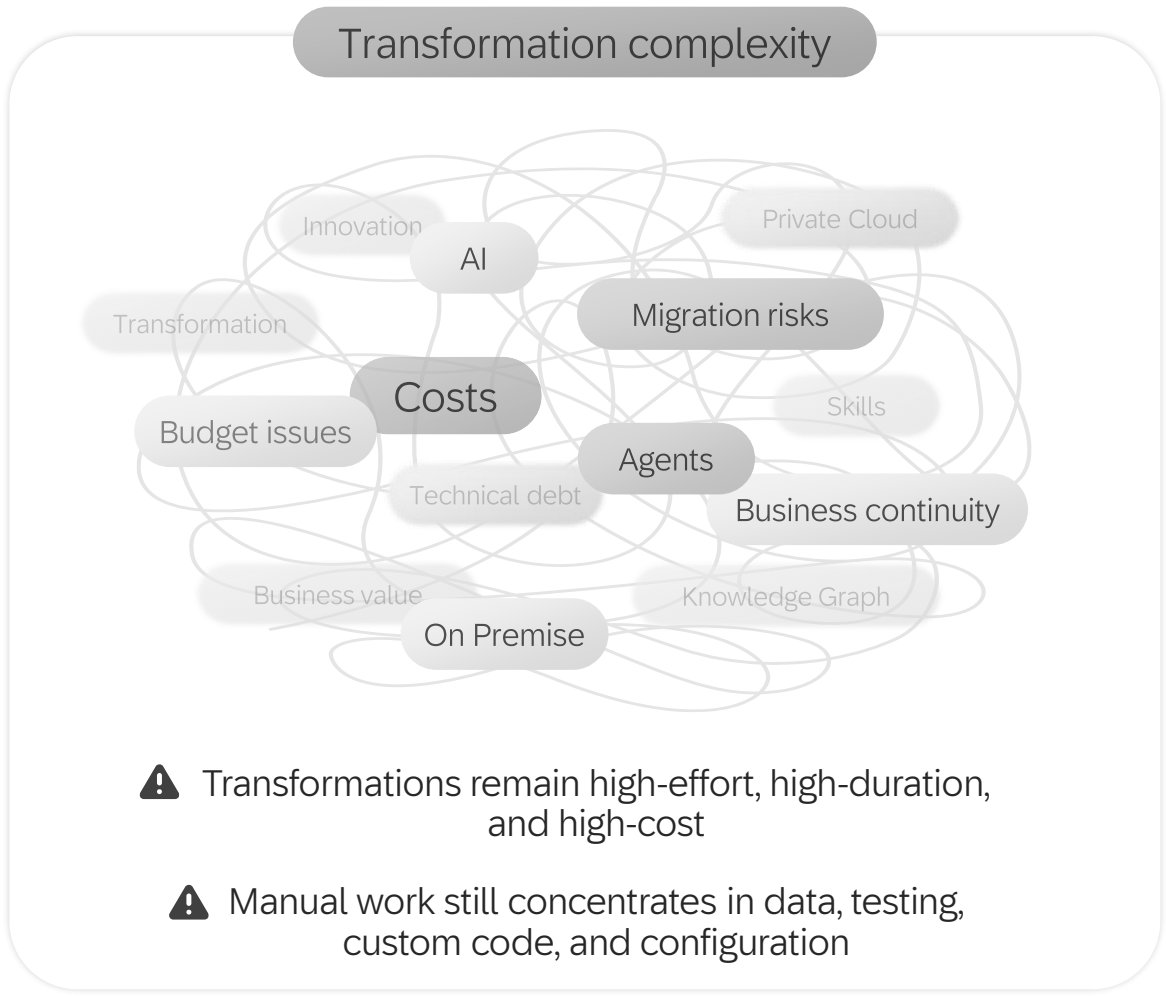
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One architecture for the Autonomous Enterprise

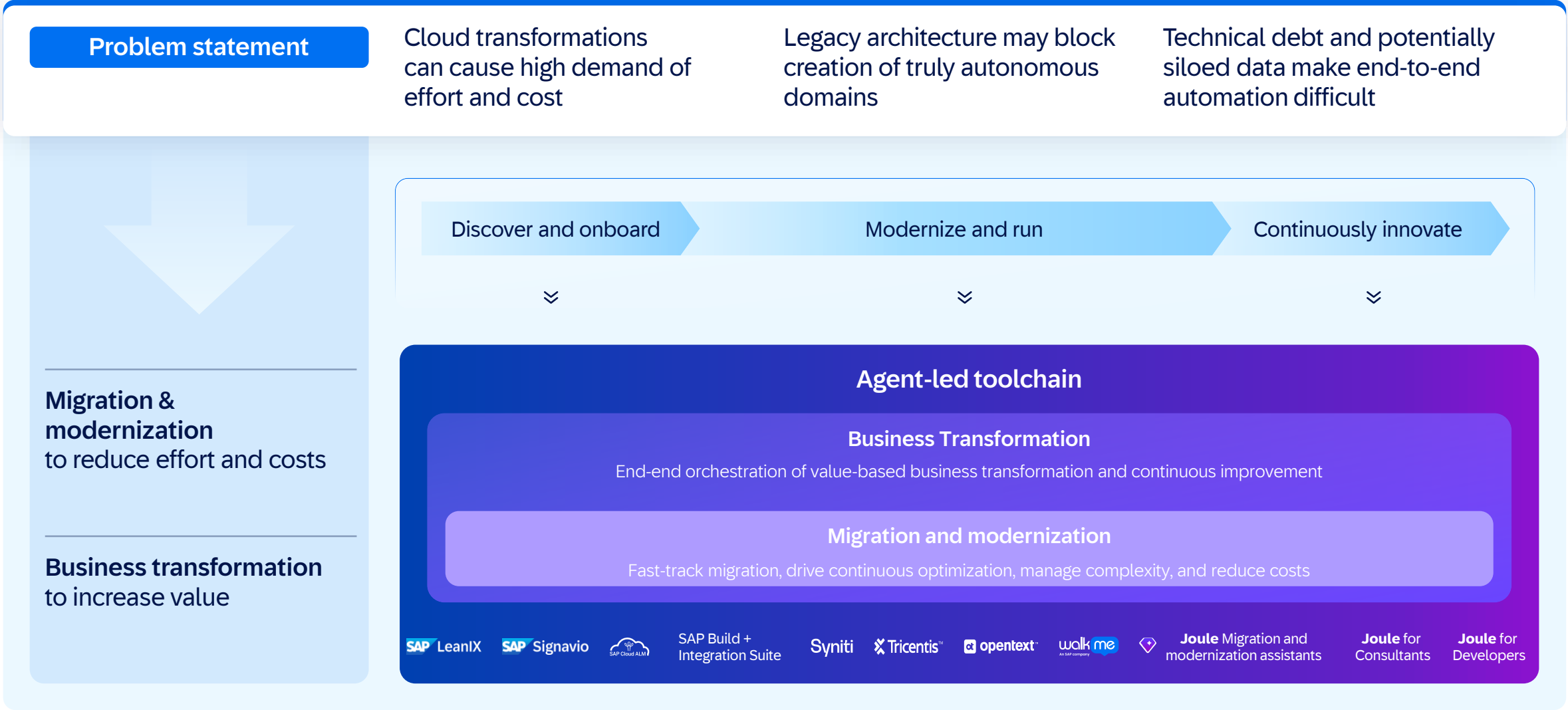


- 1 Joule Work**, the UI for AI, is where people set the direction and turn intent into autonomous work across SAP and beyond.
- 2 SAP Autonomous Suite** is where AI executes, with apps, agents, and data working together across business domains.
- 3 Industry AI** embeds the process knowledge, compliance rules, and data models specific to your industry.
- 4 SAP Business AI Platform** is the foundation to build, contextualize, and govern AI across SAP and non-SAP systems.
- 5 Business Transformation Management** guides every step from strategy to value, with agent-led transformation via RISE and GROW.

AI that moves transformation from effort to outcome



Agent-led Transformation



Ambition Migration and Modernization

Minimum

35%

reduction of migration effort with an Agent-led toolchain – and a path to mostly autonomous transitions

Step 1

2026:

AI-supported migration

Providing AI capabilities and agents that reduce customer effort significantly when moving to Private Cloud via RISE, packaged and commercialized as one platform

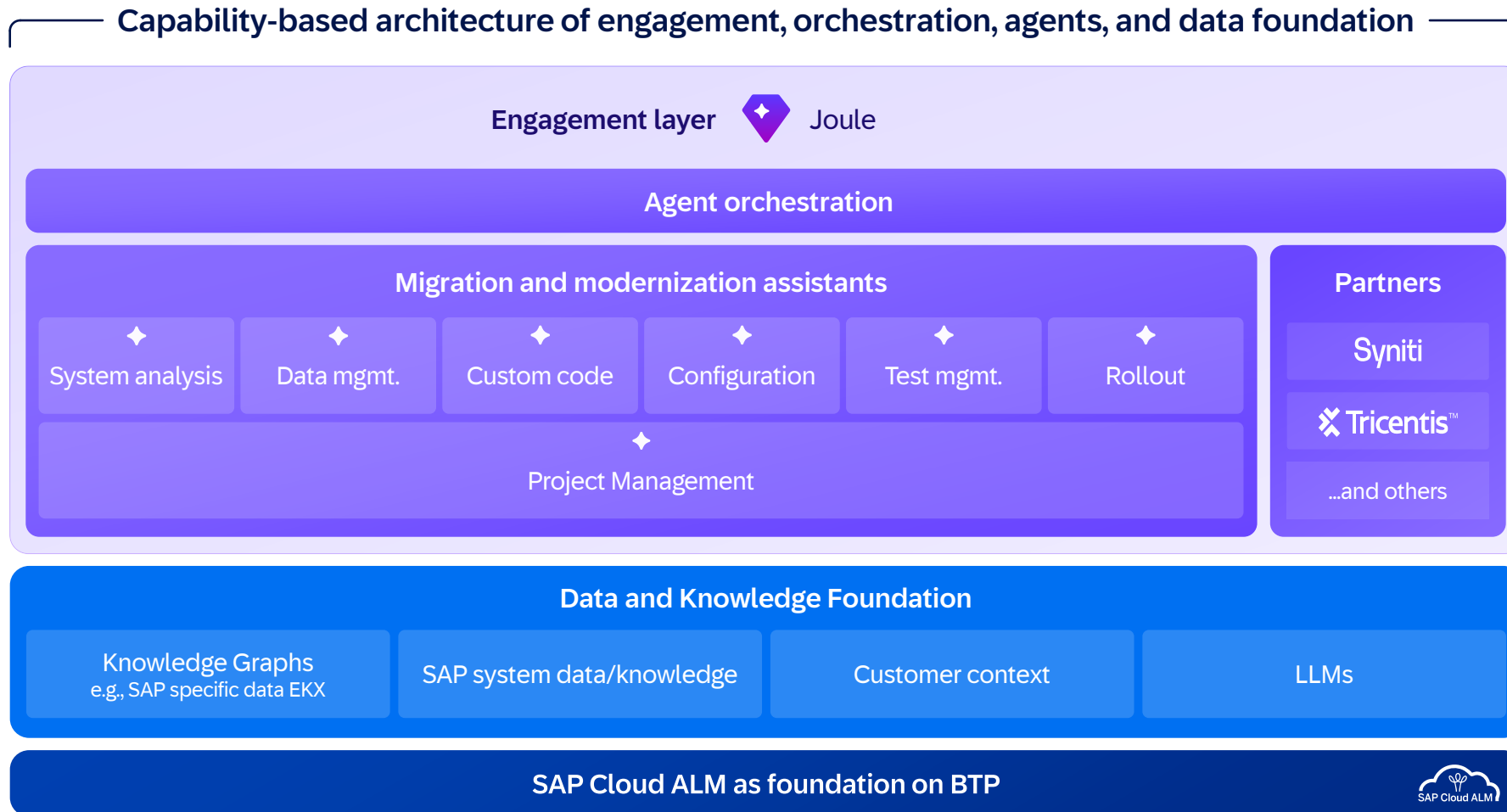
Step 2

Long-shot:

Nearly automated migration

Build an autonomous migration fabric: Intelligent agents that continuously analyze legacy estates – data models, customizations, and extensions – then automatically design, configure, test, and execute end-to-end migrations to the cloud solutions with minimal human touch

Architecture | ONE AI migration platform with Joule as engagement layer



Key takeaways

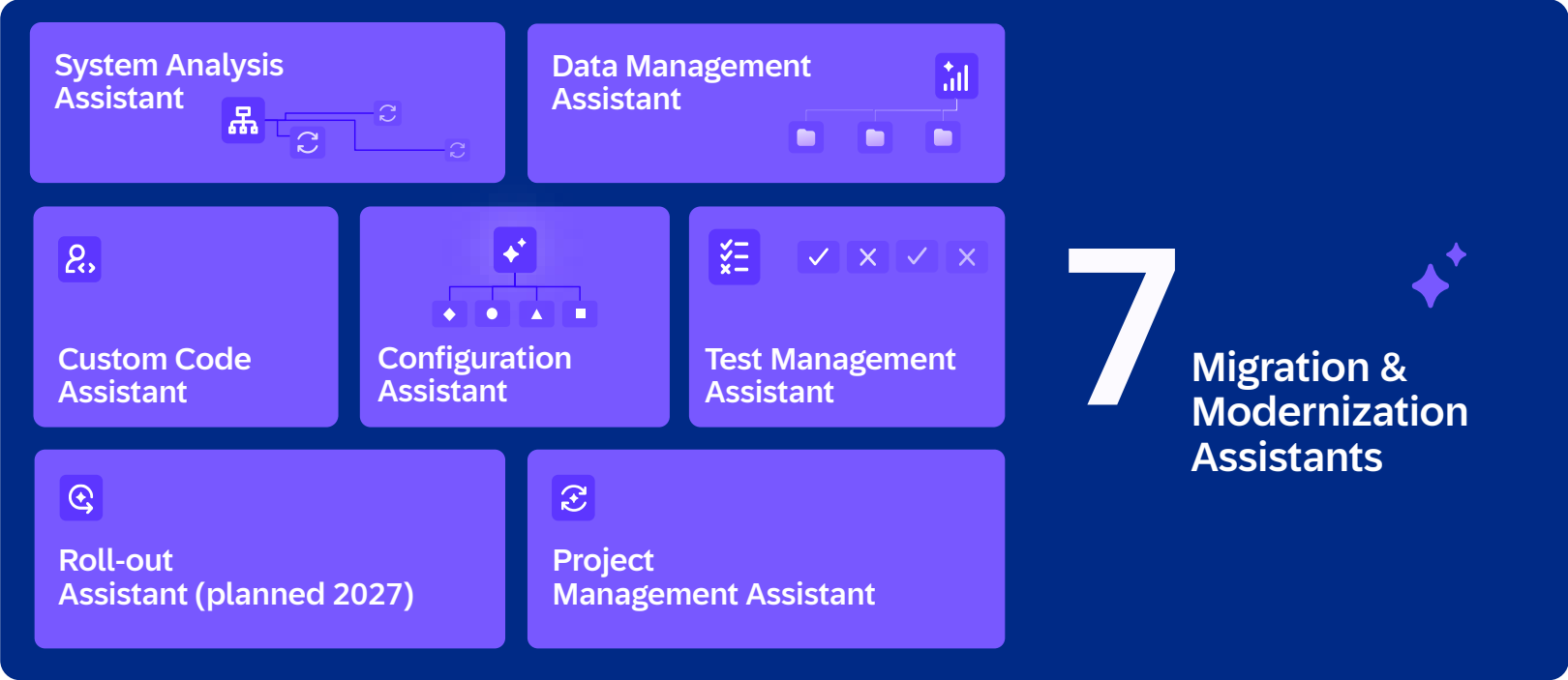
Joule as the central engagement layer triggers the agent orchestration (user role-specific)

SAP AI assistants in partnership with SOLEX solutions cover priority capabilities across the migration lifecycle

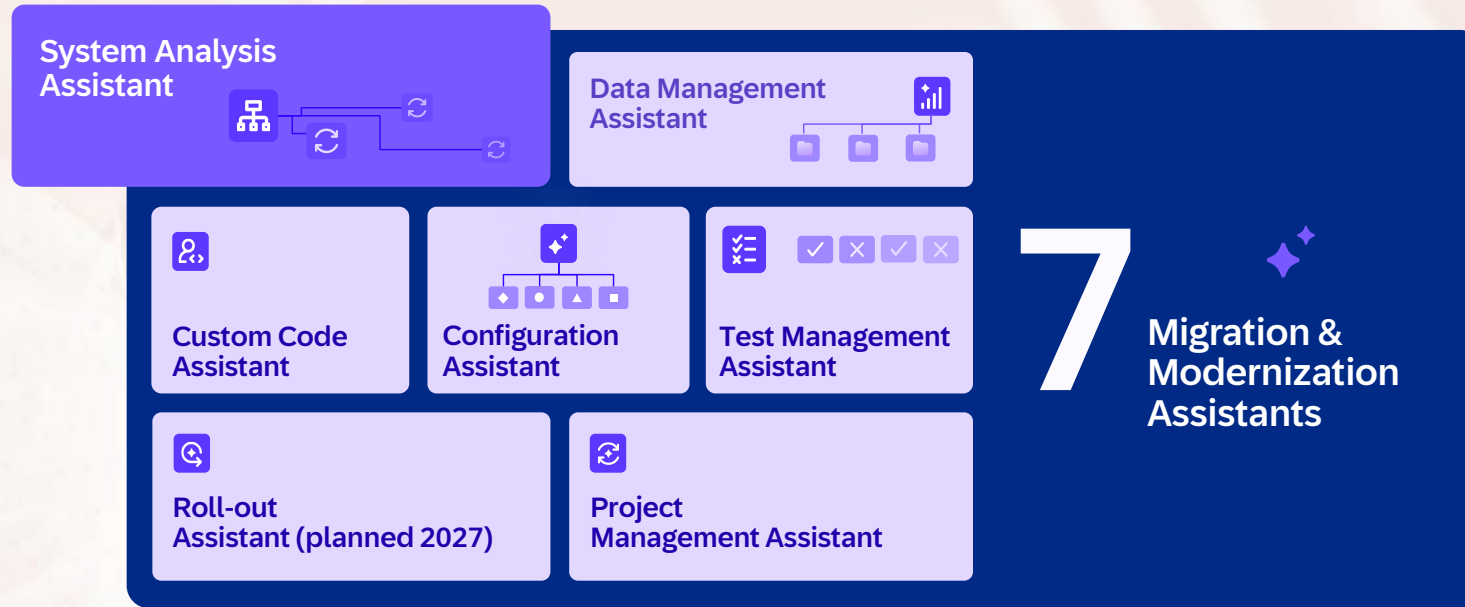
Internal and external data sources provide context for agents to review, analyze and act on context window prompts

SAP Cloud ALM is the foundation for ONE migration platform, allowing access to BTP and AI components

Introducing seven migration and modernization assistants (Step 1)



Introducing seven migration and modernization assistants



Current state

Data access with multiple tools, often not built for real-time display

Numerous dependencies between objects and layers limited by purpose of selected tools

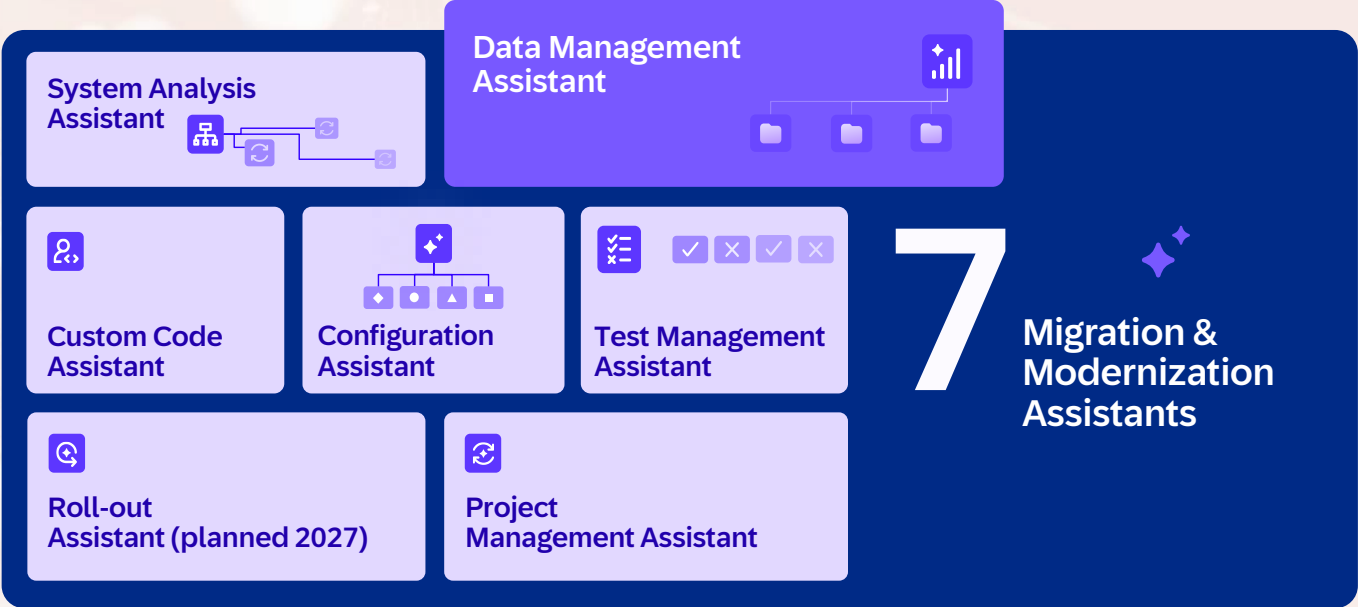


Future state

One assistant orchestrating the different data types, direct data access

Dependencies and logical structures considered and reflected at any time

Introducing seven migration and modernization assistants



Current state

Data cleansing can lead to significant manual effort; remaining inconsistencies often cause migration problems

Data quality shapes operations, analytics outcomes and is essential for Business AI

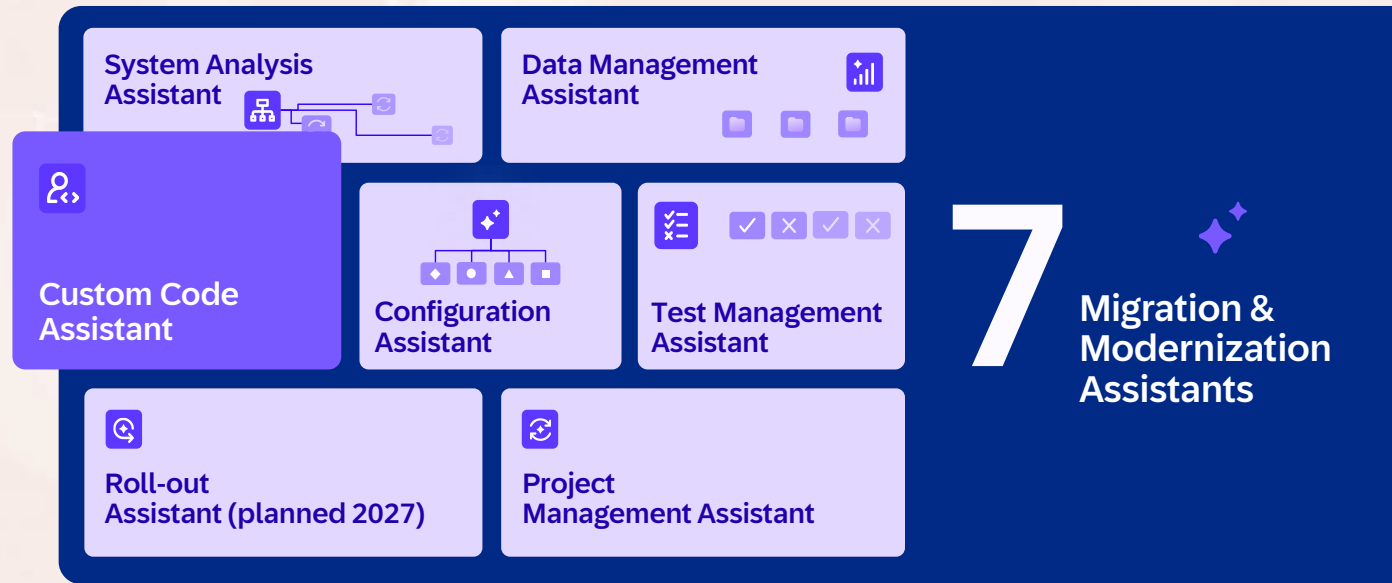


Future state

AI monitors, corrects, and governs data quality, taking complexity out of the ETL process

Automated control lowers business process risks in the target environment and enables business AI quality

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Current state

Extensive custom code increases S/4HANA preparation effort

Clean-core readiness often needs specialist support

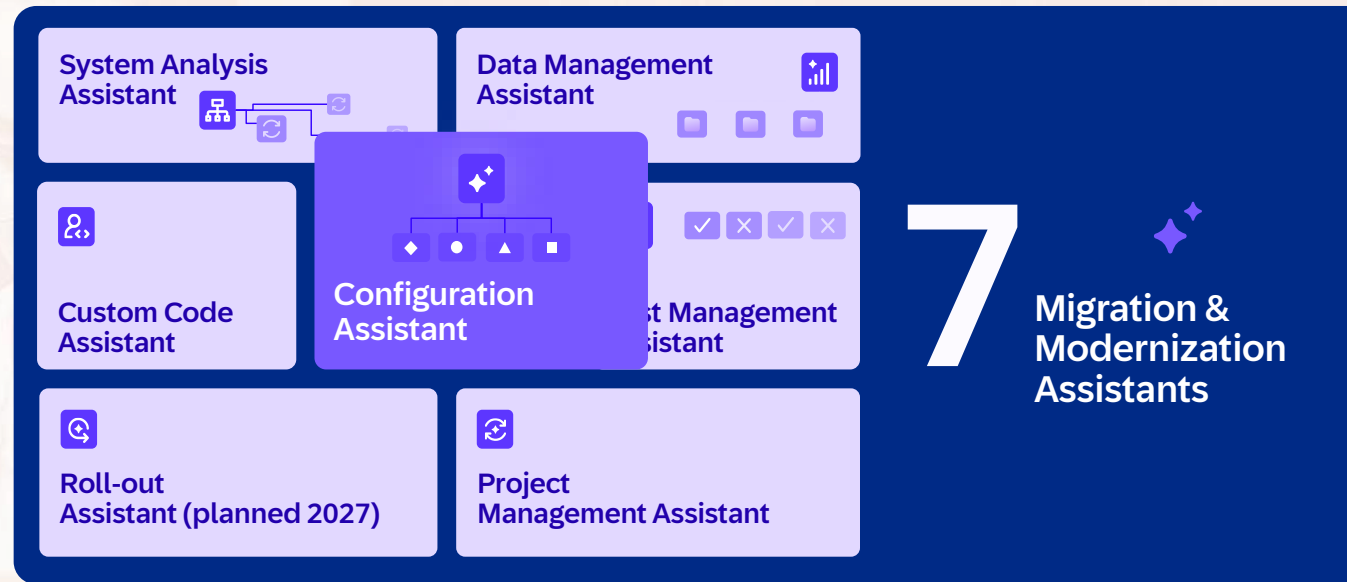


Future state

AI classifies, remediates, and modernizes code.

Autonomous conversion reduces cost and accelerates clean core

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Current state

Various factors influencing target configurations result in multiple, manual iterations of system customizing

Dependencies between different business areas are often recognized at late stages in testing and impact timelines

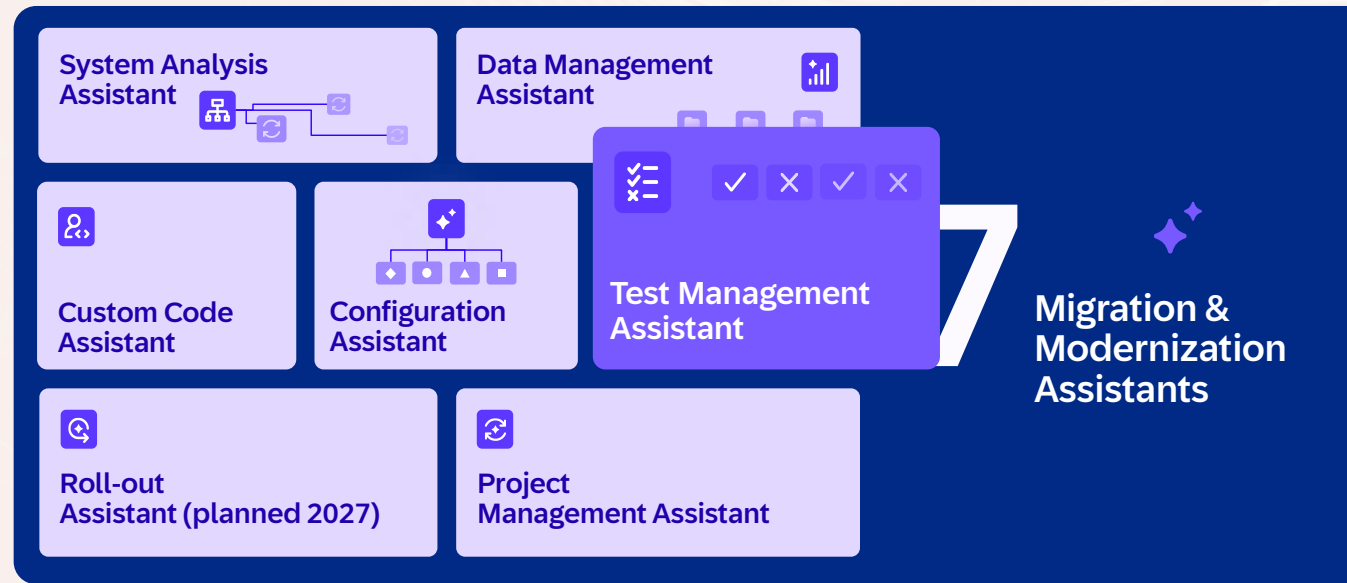


Future state

AI proposes and executes context-driven configuration while considering different input channels

Technology addresses dependencies during the configuration process, optimizing lead times

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Current state

E2E Test Management is still heavily dependent upon business and IT personal. It's a cost driver for transitions.

Regression scenarios increase complexity and manual effort consistently and beyond implementation phases.

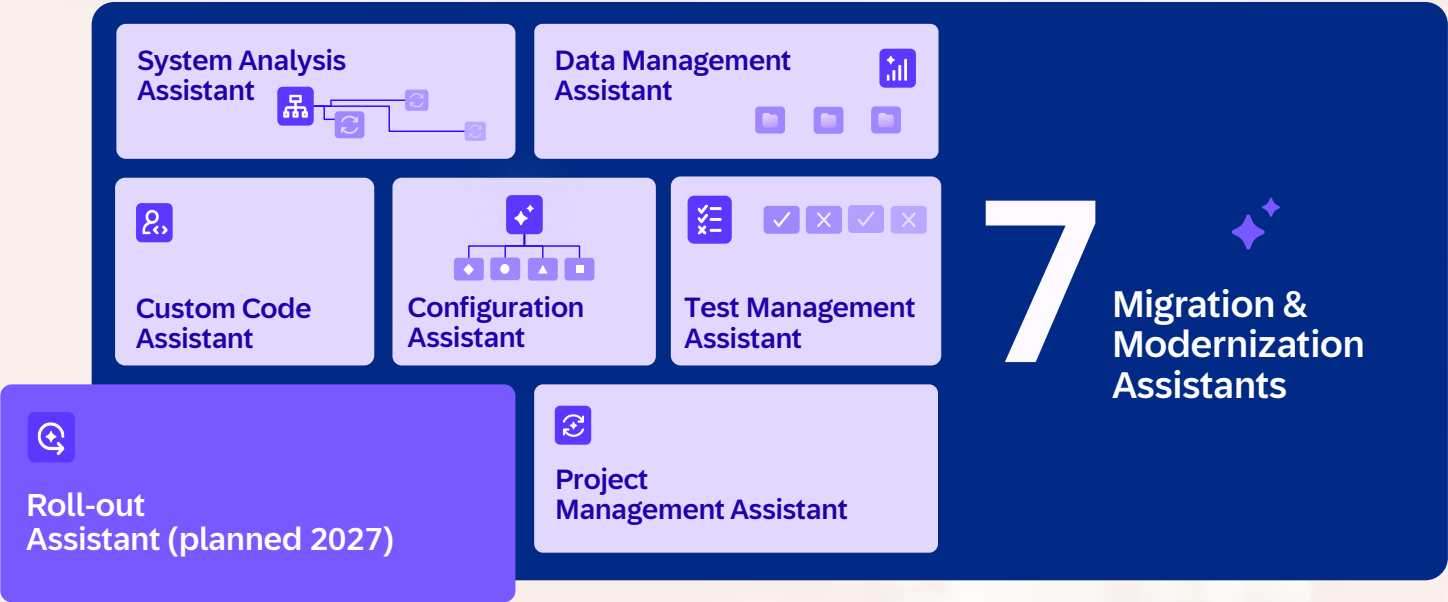


Future state

AI automates test scope, cases, data, execution and validation across the test stages.

Continuous validation reduces effort and user dependency, links & limits test scope to changes occurring.

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Current state

Future state

High effort to compare template solutions with local legacy systems

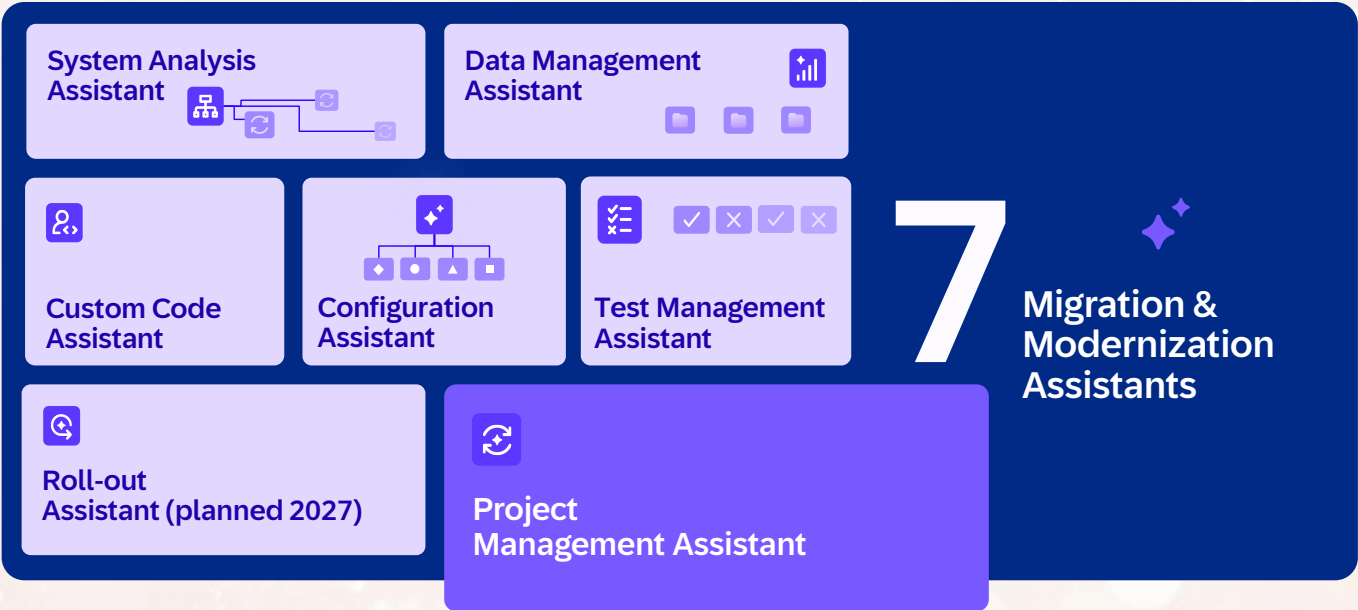
High dependance on key business and IT users



AI orchestrates template comparisons, regional legal requirements, and support accelerated local roll-outs

Support and recommendations generated by the assistant minimize effort on key user side

Introducing seven migration and modernization assistants



Current state

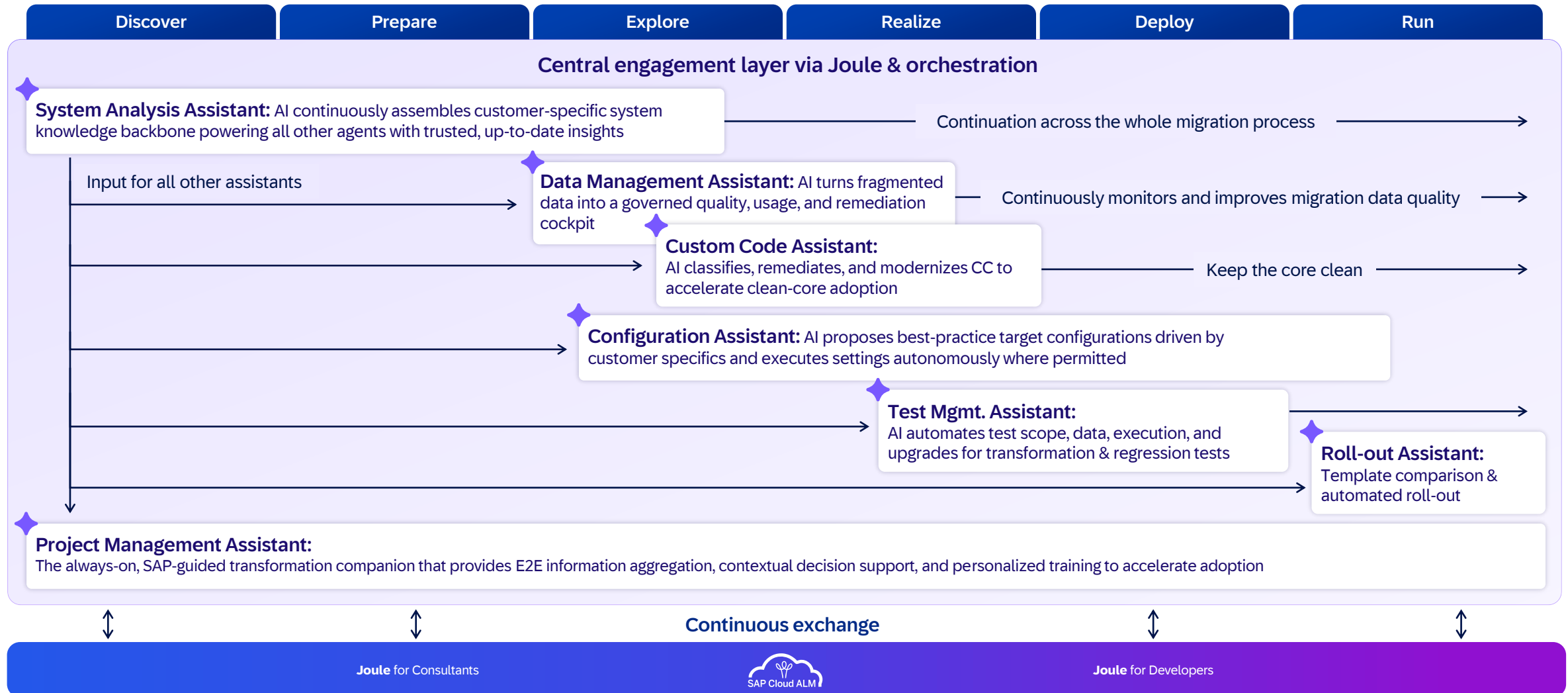
Future state

- Experience of resources manages the complexity of transformations
- Repetitive activities in projects often lead to higher efforts and increased workloads



- Persona-specific knowledge graphs coordinate the sequence and dependencies of tasks
- Agents support persona-specific tasks and admin repeatedly

Assistant Overview | 7 Assistants driving AI-based ERP migration in exchange with broader toolchain



Additional Info-Sources: Migration & Modernization Assistants



Slides & FAQ

- Introduction M&M Assistants
- Data Management Assistant
- Business Configuration Assistant
- Custom Code Assistant
- Test Management Assistant
- FAQ M&M Assistants

Demos & Videos

- M&M Assistants Keynote
- Data Management Demo
- Business Configuration Demo
- Custom Code Demo
- Test Management Demo
- M&M Assistants Sapphire 2026

M&M Assistants on SAP.com

- Joule Agents and Joule Assistants for Migration & Modernization
- ALM Project Management Assistant
- Business Configuration Assistant
- Data Management Assistant
- Test Management Assistant

M&M Assistants on PartnerEdge

- SAP Cloud ERP Private Solution Migration & Modernization

Key take-aways

-  **7 assistants supporting effort-intense tasks of transformation projects**
-  **Minimum 35% reduction of migration effort**
-  **Migration & modernization assistants contribute to the evolvement of the Agent-led toolchain**
-  **It's just the beginning.....**

Thank you.

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