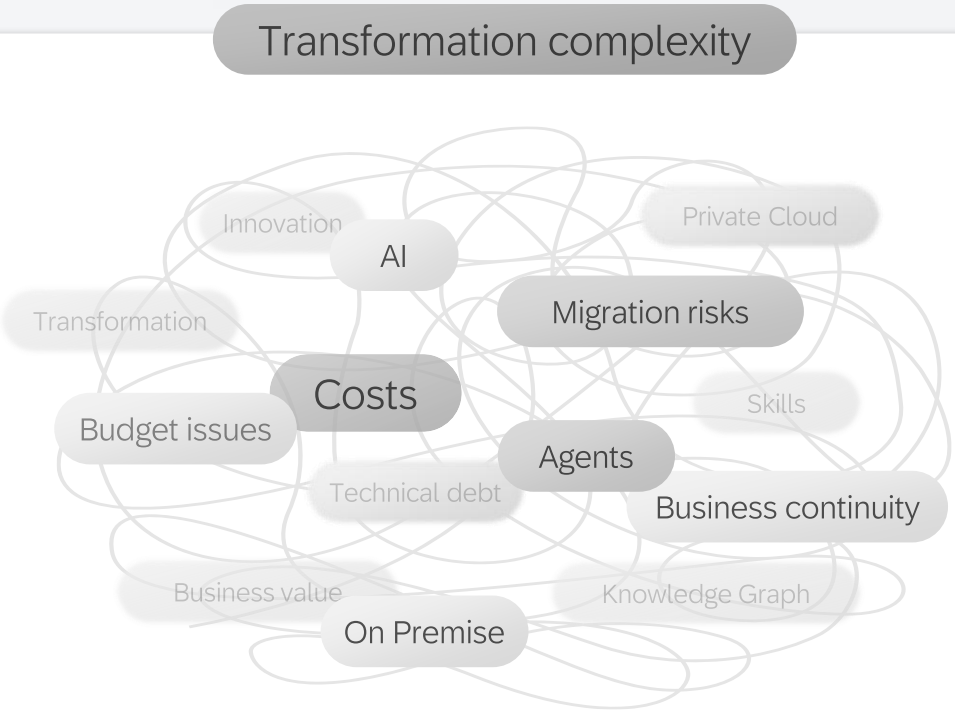
Migration assistants transforming the cloud journey with SAP Cloud ALM

Thorsten Spihlmann

June 16, 2026

AI that moves transformation from effort to outcome

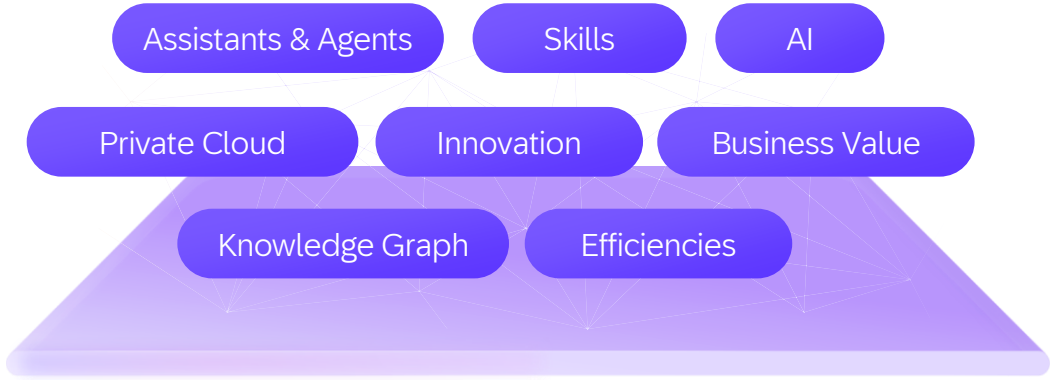


⚠ Transformations remain high-effort, high-duration, and high-cost

⚠ Manual work still concentrates in data, testing, custom code, and configuration

Agent-led Transformation

with Migration and Modernization Assistants



✦ **AI assistants take on transformation complexity** across the migration lifecycle

✦ **AI accelerates smoother transformation** at lower cost and risk

Agent-led Transformation delivered through Agent-led Toolchain

Guided by RISE with SAP Methodology

Agent-led toolchain

Business Transformation • End-end orchestration of value-based business transformation and continuous improvement

Migration and modernization • Fast-track migration, drive continuous optimization, manage complexity, and reduce costs

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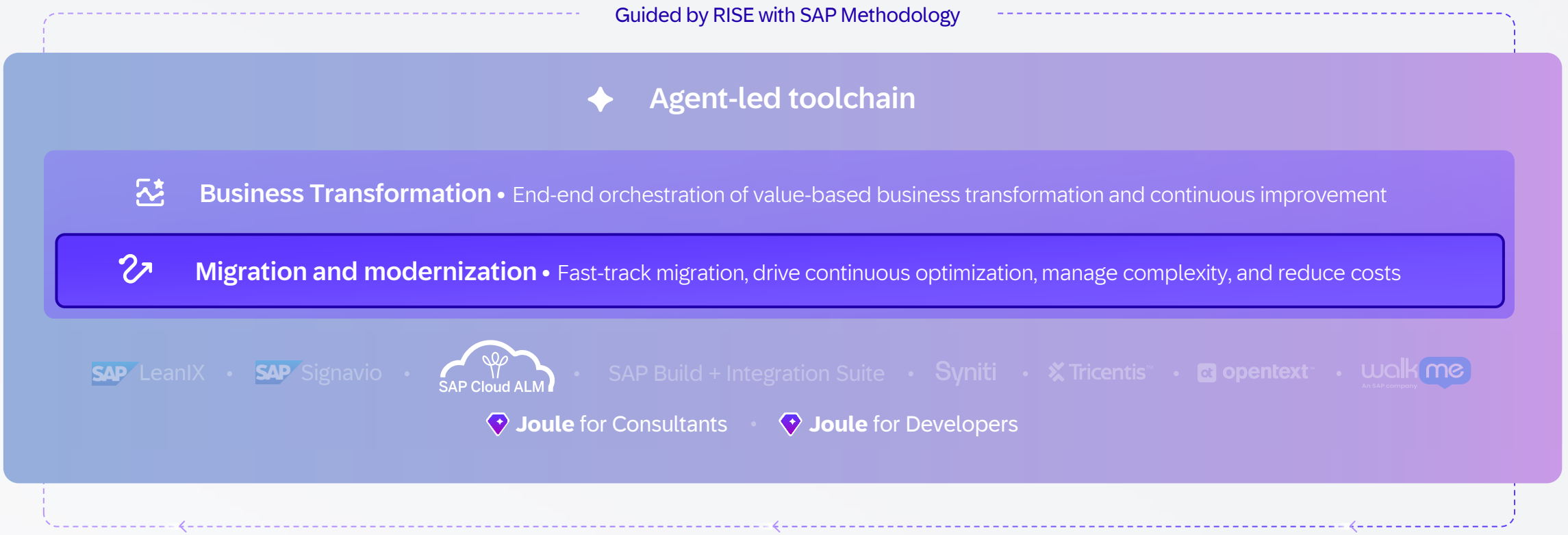
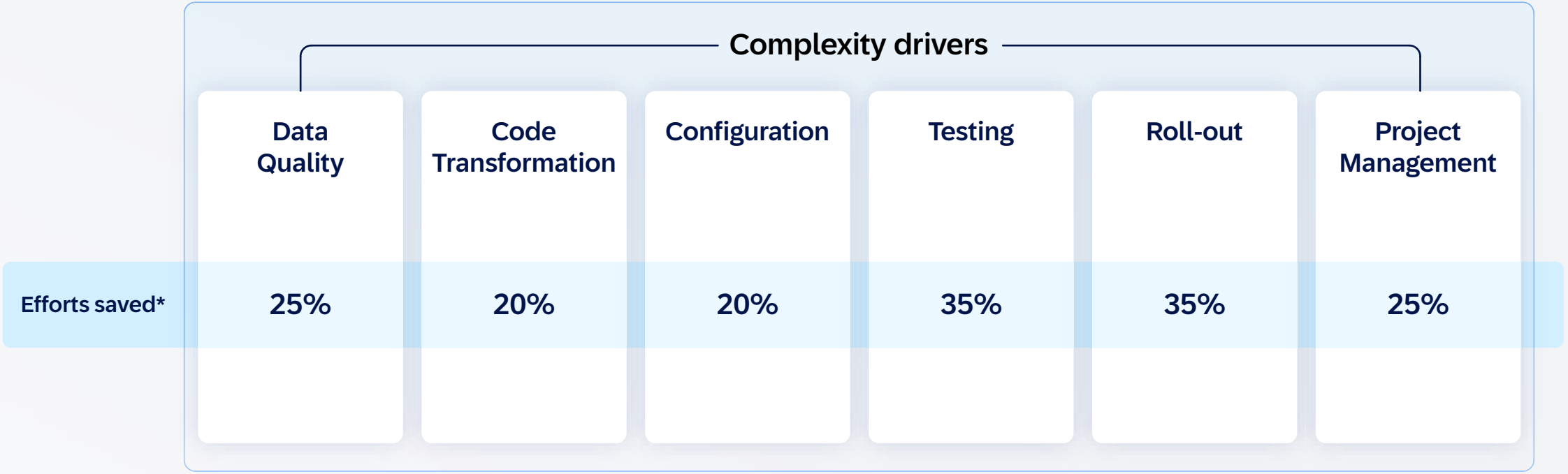
Joule for Consultants • **Joule** for Developers

Agent-led transformation delivered through agent-led toolchain



Migration effort is driven by six complexity drivers



*Effort reduction within the activities addressed by AI cases (e.g. 35% effort savings in test automation refers to all testing activities)

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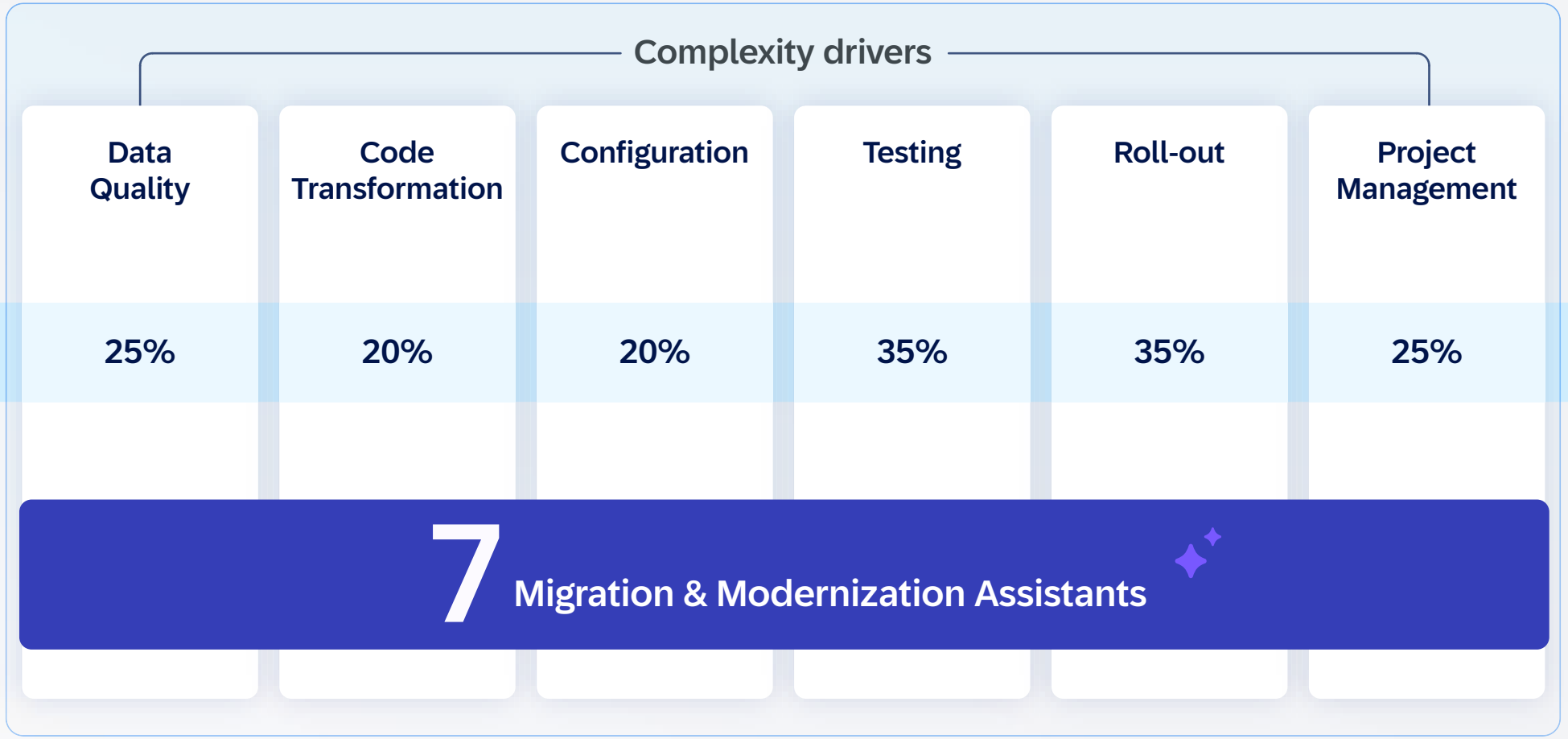

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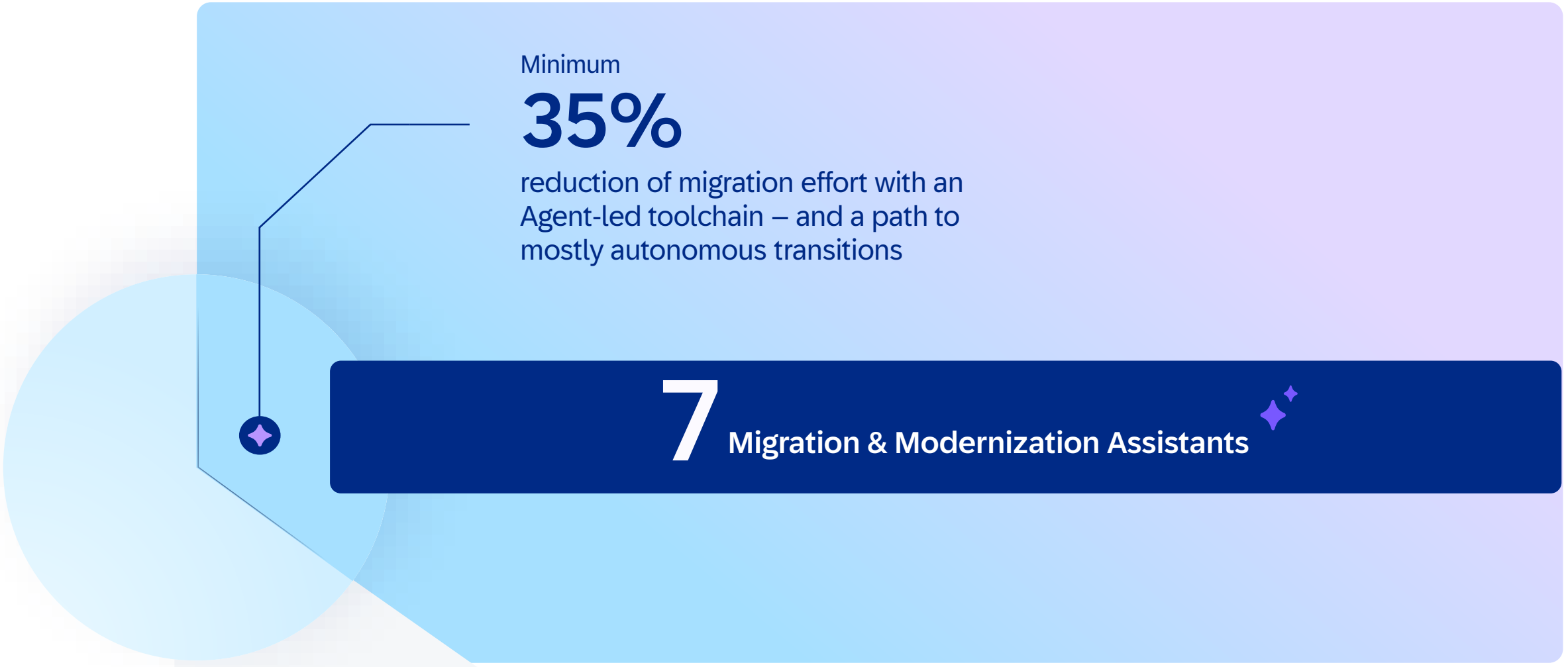
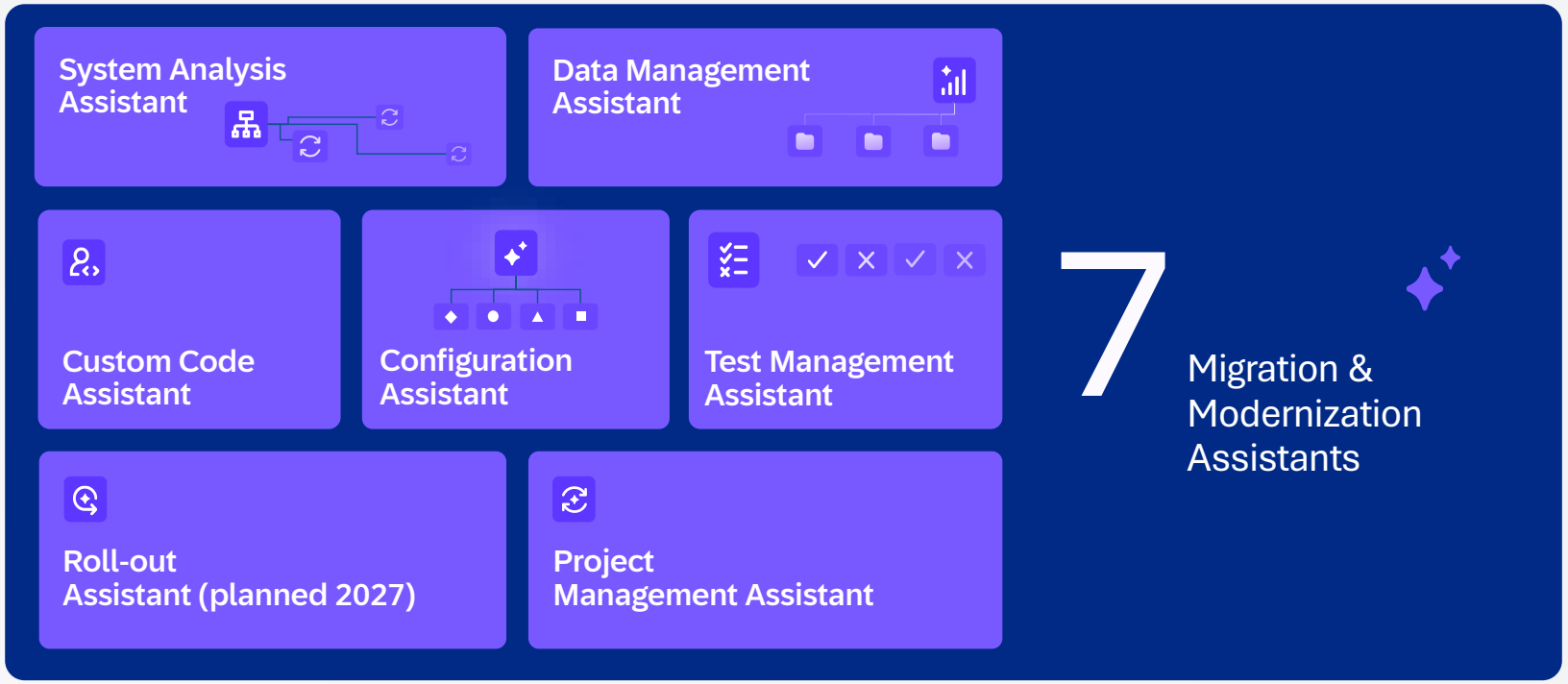
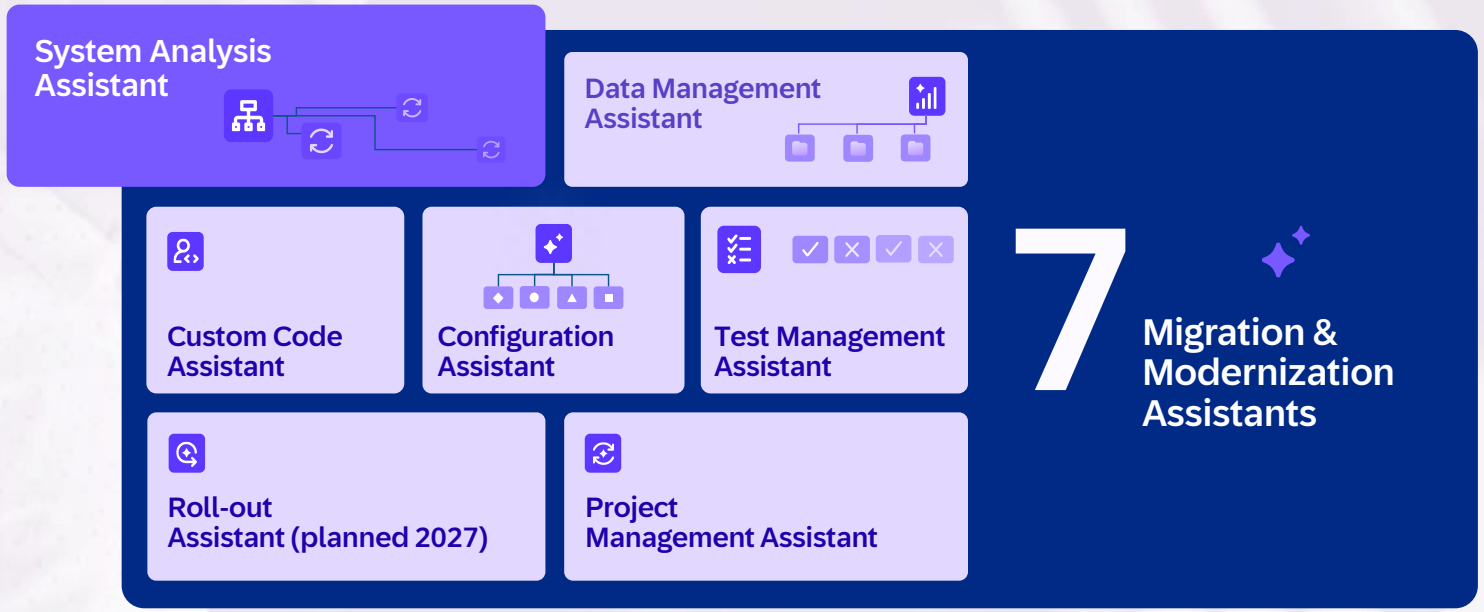
Ambition of migration and modernization assistants



Introducing seven migration and modernization assistants



Introducing seven migration and modernization assistants



Current state

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

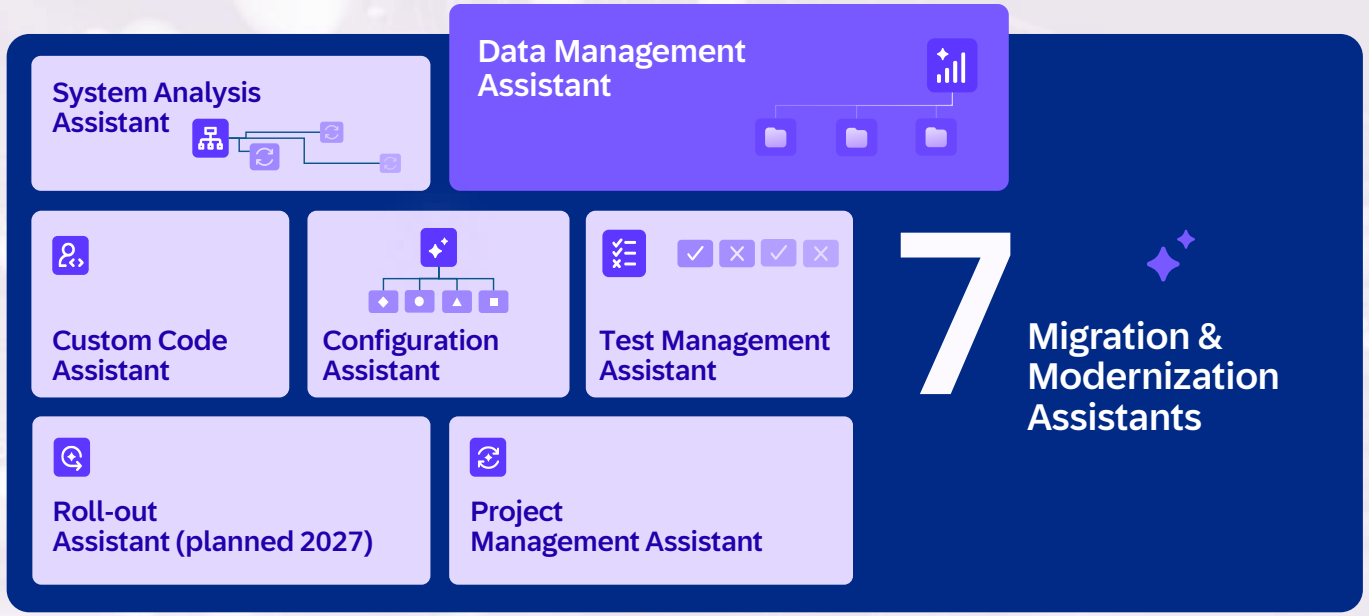
Numerous dependencies between objects and layers limited by purpose of selected tools

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

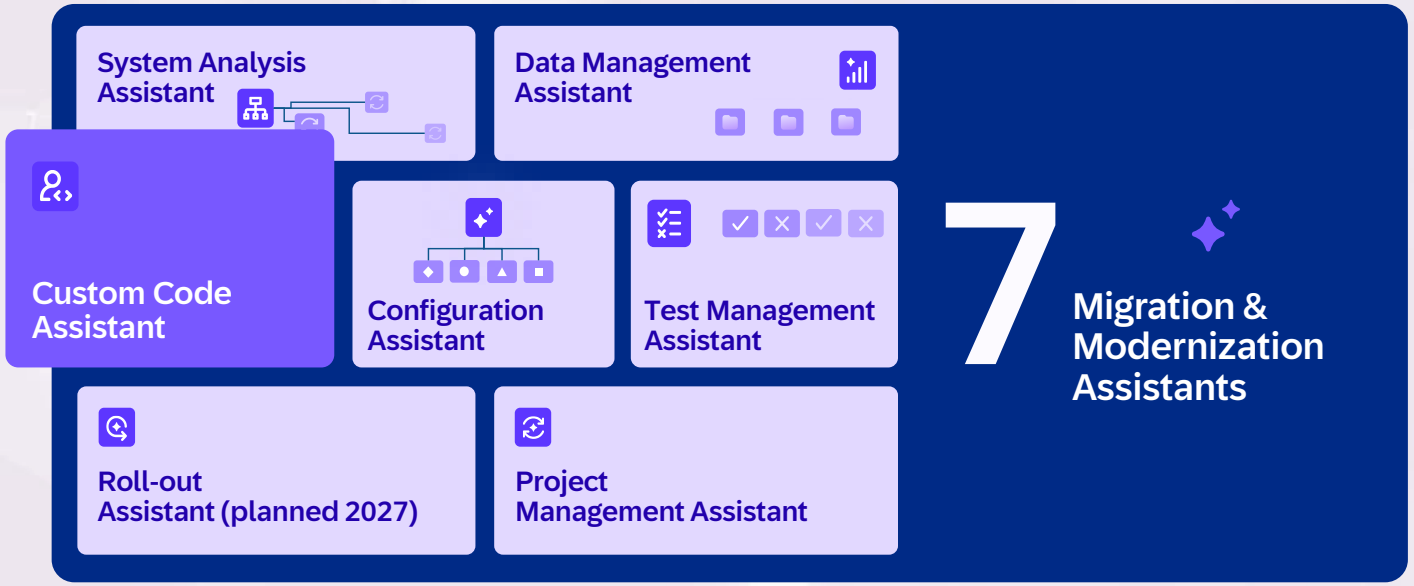
Data quality shapes operations, analytics outcomes and is essential for Business AI

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

Introducing seven migration and modernization assistants



Current state

Extensive custom code increases S/4HANA preparation effort

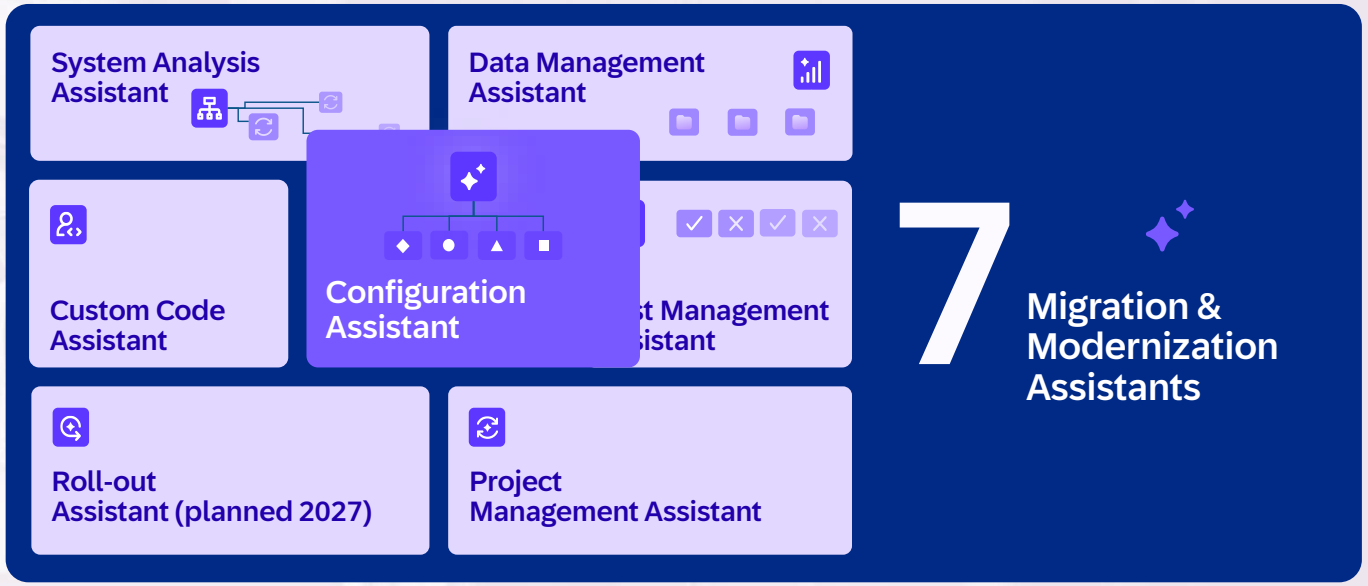
Clean-core readiness often needs specialist support

Future state

AI classifies, remediates, and modernizes code.

Autonomous conversion reduces cost and accelerates clean core

Introducing seven migration and modernization assistants



Current state

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

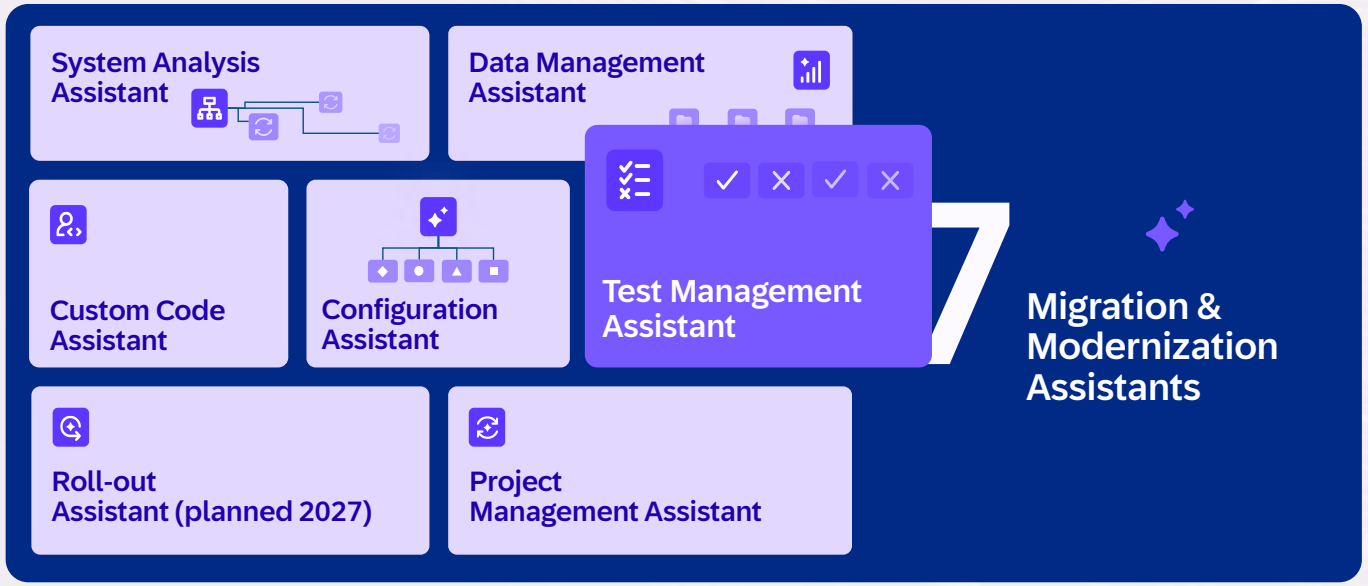
Dependencies between different business areas are often recognized at late stages in testing and impact timelines

Future state

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

Technology addresses dependencies during the configuration process, optimizing lead times

Introducing seven migration and modernization assistants



Current state

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

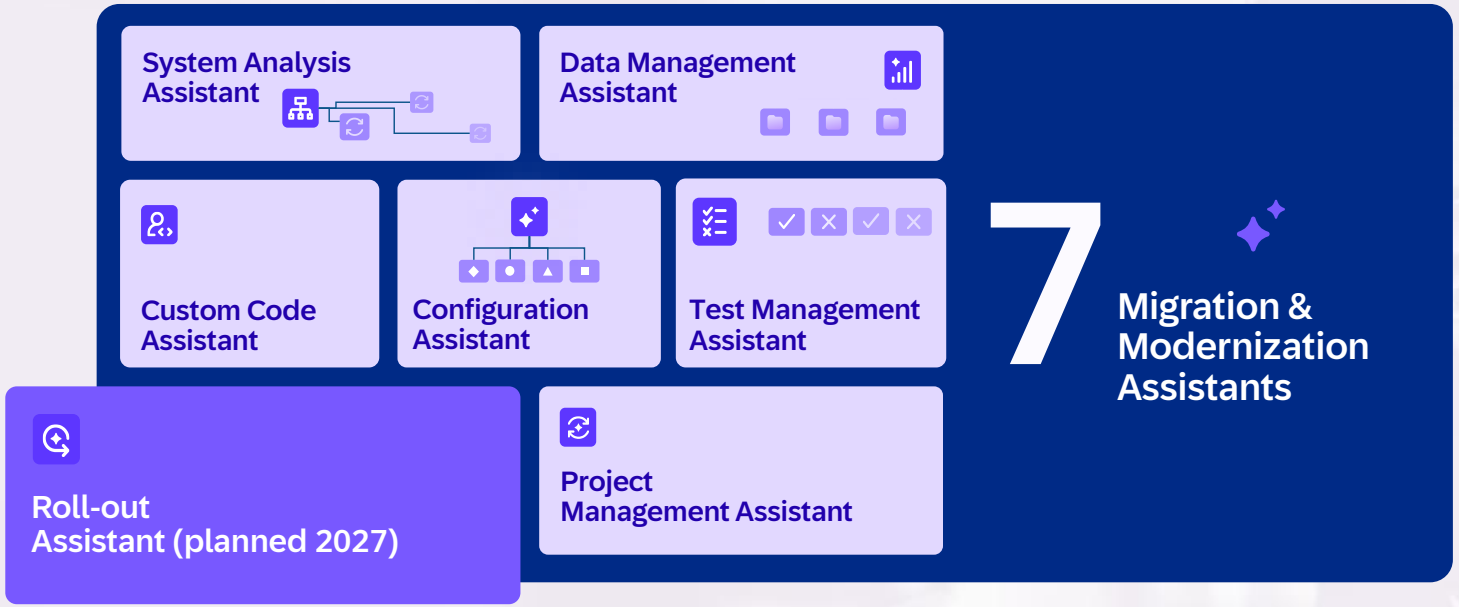
Regression scenarios increase complexity and manual effort consistently and beyond implementation phases.

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

Introducing seven migration and modernization assistants



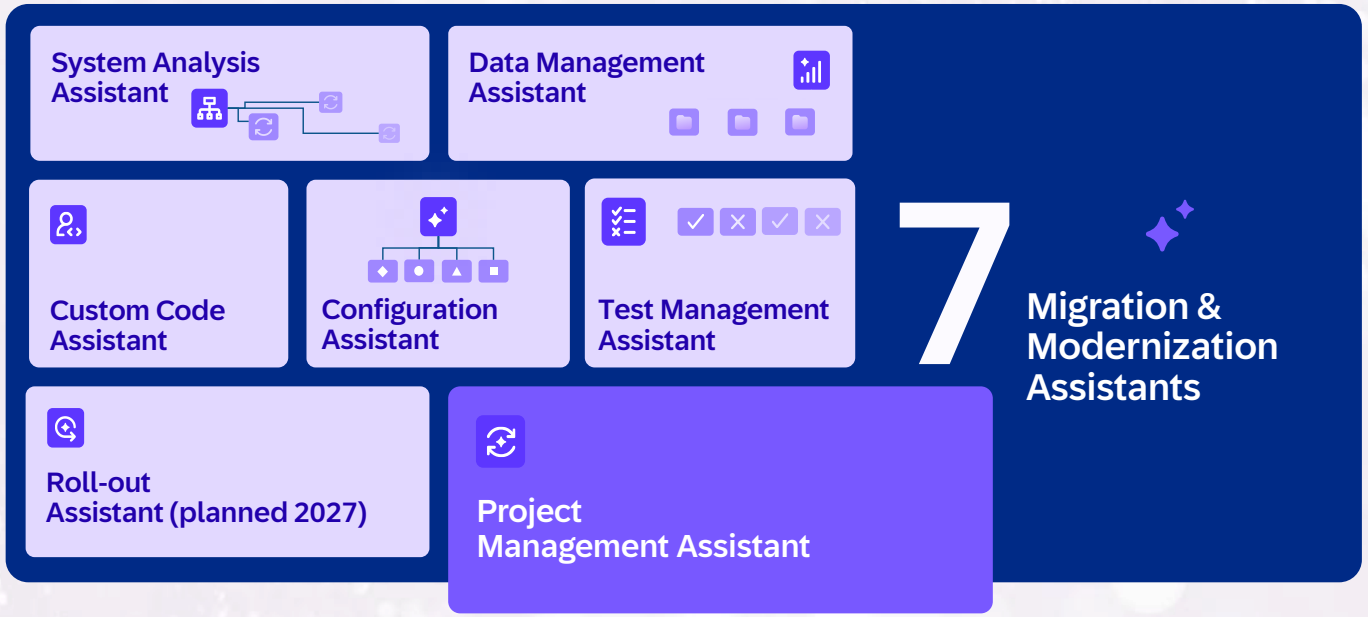
Current state

- High effort to compare template solutions with local legacy systems
- High dependance on key business and IT users

Future state

- 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

Experience of resources manages the complexity of transformations

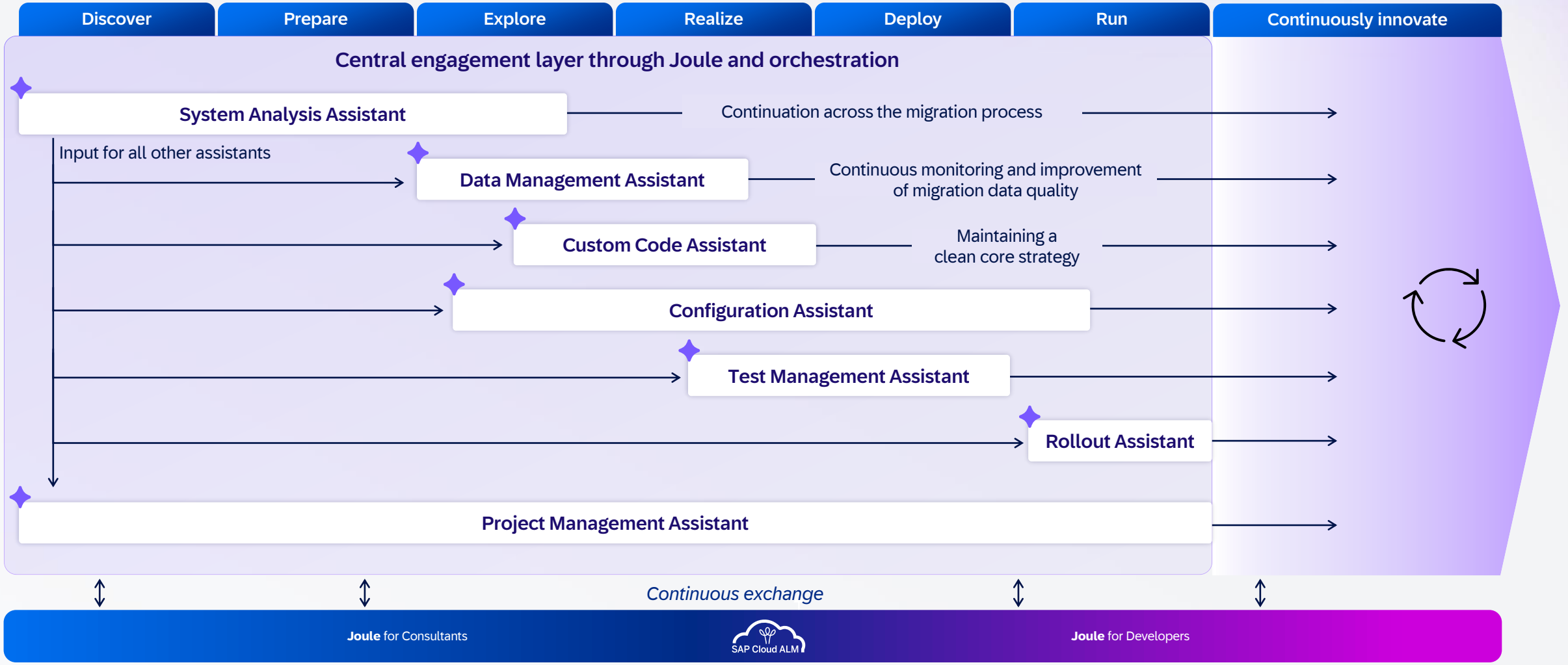
Repetitive activities in projects often lead to higher efforts and increased workloads

Future state

Persona-specific knowledge graphs coordinate the sequence and dependencies of tasks

Agents support persona-specific tasks and admin repeatedly

Summary assistants to support ongoing modernization



A new experience for your transformation project

ATLAS Enterprise moving from ECC 6.0 to SAP Cloud ERP Private

Paula

Project Manager

Elena

Data Mgmt. Lead

Laura

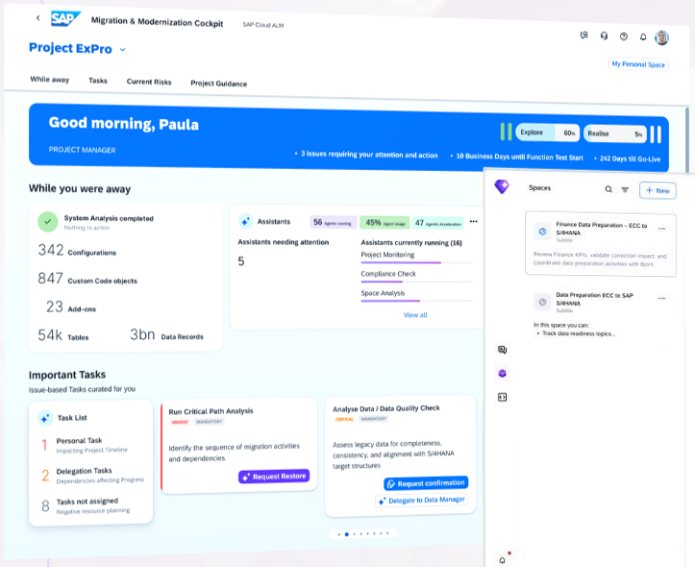
Test Mgmt. Lead

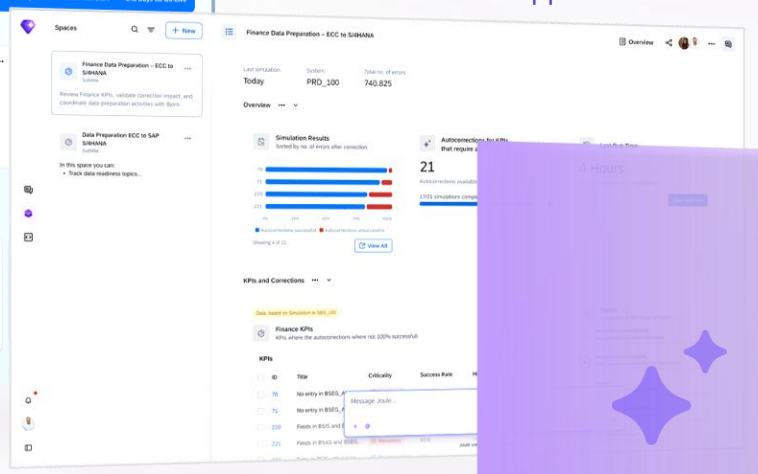
Pending tasks to be executed

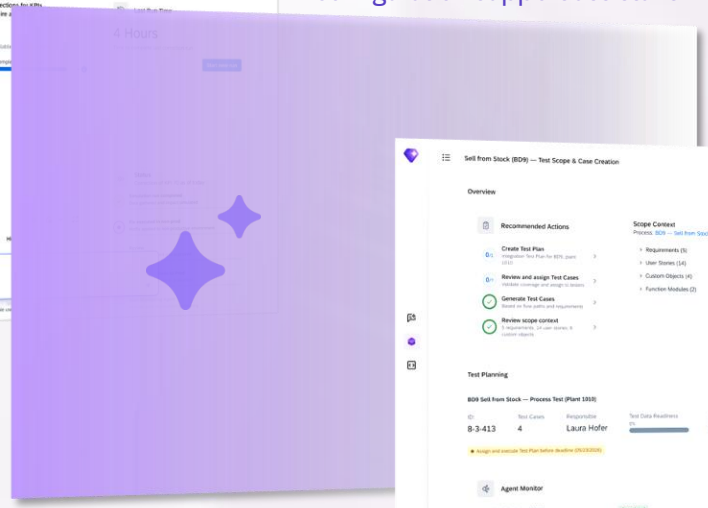
Data inconsistencies showing up and recommendations are approved

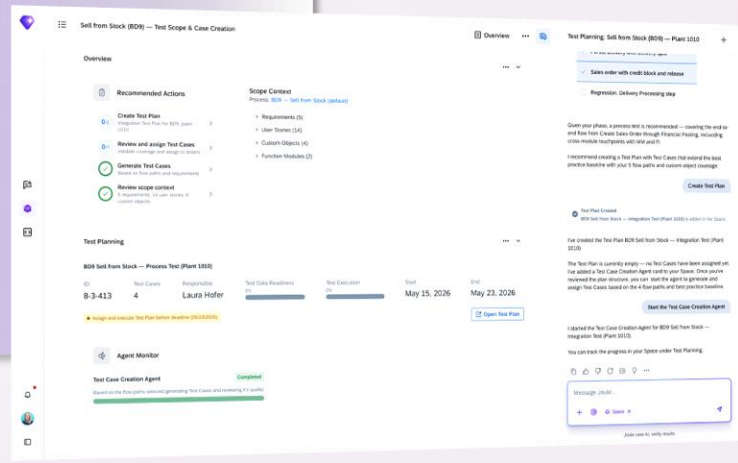
Custom code assistant, configuration support assistant

Test case creation









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.....**

Further information:

Overview Migration and Modernization	Presentation	https://www.sap.com/documents/2026/06/92bec1cd-547f-0010-bca6-c68f7e60039b.html
Keynote Sapphire	Video	https://www.sap.com/assetdetail/2026/06/8c796808-557f-0010-bca6-c68f7e60039b.html
Data Management Assistant	Presentation	https://www.sap.com/documents/2026/05/4eaa31d4-547f-0010-bca6-c68f7e60039b.html
	Demo	https://www.sap.com/assetdetail/2026/05/40f267d2-547f-0010-bca6-c68f7e60039b.html
Configuration Assistant	Presentation	https://www.sap.com/documents/2026/05/e49cd6d3-547f-0010-bca6-c68f7e60039b.html
	Demo	https://www.sap.com/assetdetail/2026/05/90081fd3-547f-0010-bca6-c68f7e60039b.html
Custom Code Assistant	Presentation	https://www.sap.com/documents/2026/05/90398dd4-547f-0010-bca6-c68f7e60039b.html
	Demo	https://www.sap.com/assetdetail/2026/05/344b1fd3-547f-0010-bca6-c68f7e60039b.html
Test Management Assistant	Presentation	https://www.sap.com/documents/2026/05/c881d6d3-547f-0010-bca6-c68f7e60039b.html
	Demo	https://www.sap.com/assetdetail/2026/05/548e7ad3-547f-0010-bca6-c68f7e60039b.html

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https://lnkd.in/eJq25zks

Introducing SAP's Migration Assistants: accelerate and simplify your migration

07th July — **Clean core extensibility with Custom Code Assistant**

2:00 pm (CEST) |
5:30 pm (IST) | 8 am (EST)

14th July — **Transform faster with Configuration Support Assistant**

2:00 pm (CEST) |
5:30 pm (IST) | 8 am (EST)

21st July — **Faster migrations with Test Management Assistant**

2:00 pm (CEST) |
5:30 pm (IST) | 8 am (EST)

28th July — **Accelerate migrations with Data Management Assistant**

2:00 pm (CEST) |
5:30 pm (IST) | 8 am (EST)

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Thank you.

Thorsten Spihlmann

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Customer Experience & Solutions (CXS), SAP SE

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