



SAP Business Technology Platform Strategy and Direction

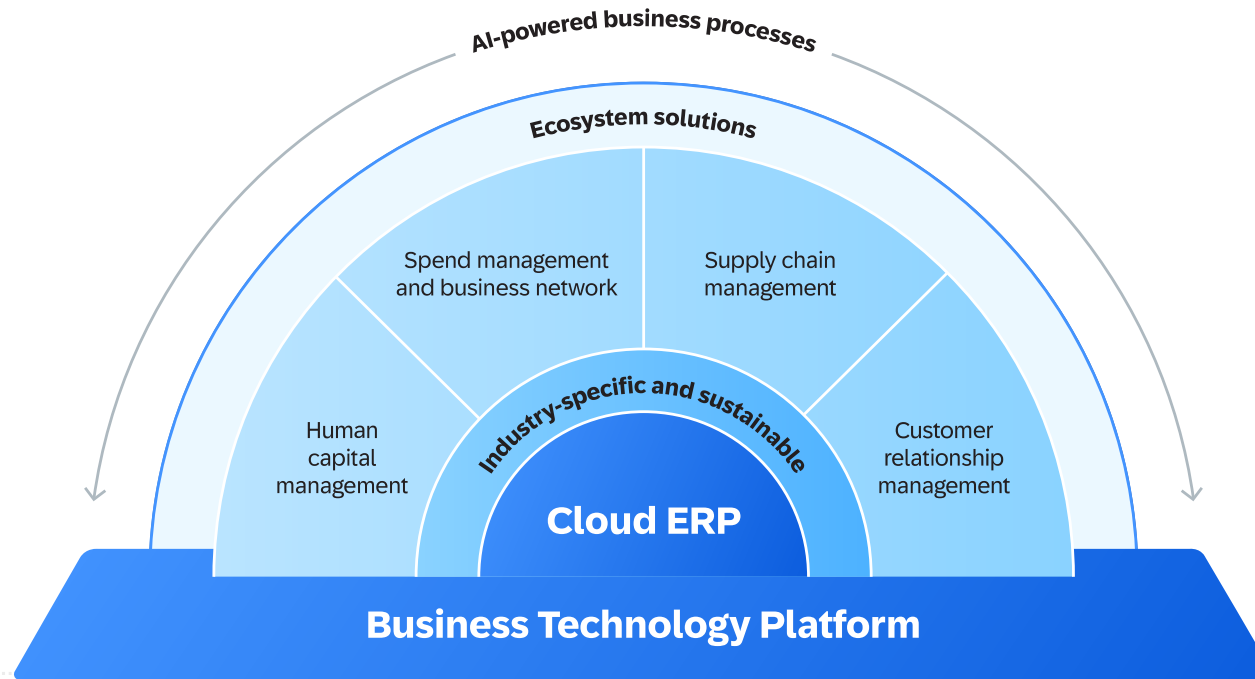
Steffen Schad, SAP
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Public

Business Technology Platform.

A centerpiece of SAP's product strategy

SAP BTP is THE Platform for SAP and our Ecosystem



Platform for **Customers and Partners**



Customize SAP solutions, build extensions or derive insights out of their processes

Develop, integrate and run complementary solutions and content

Easy, fast access to applications and content from the **SAP ecosystem**

Platform for **SAP**

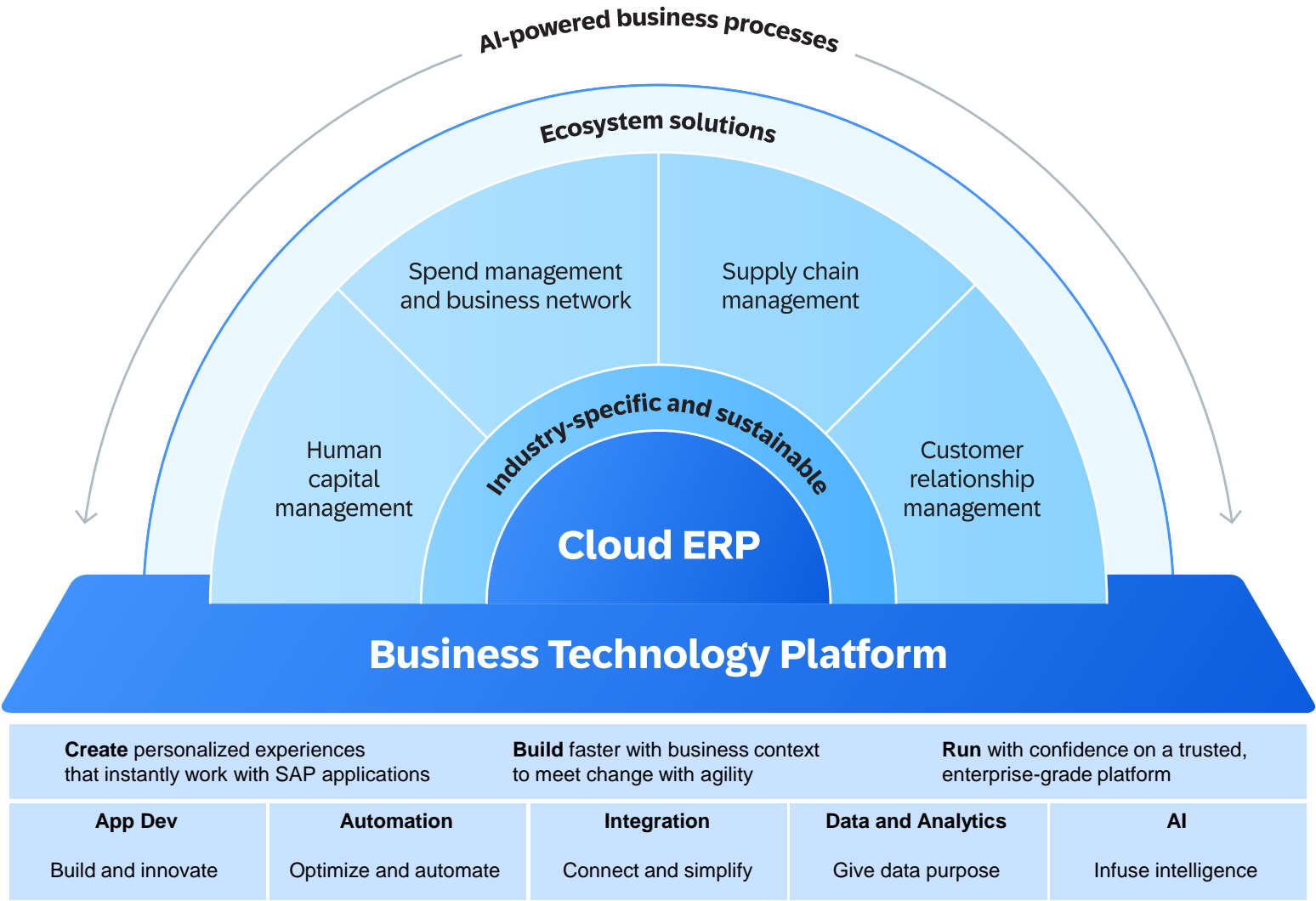


Harmonized technology foundation in order to build and run SAP Cloud Applications

Utilize common platform services across the full SAP portfolio, enabling consistent "suite qualities" across all SAP applications.

Innovation engine for SAP Cloud Applications by embedding latest intelligent technologies

BTP enables customers to create, build and run their business processes



SAP BTP as the platform for SAP landscapes



Keep the core clean

Create and operate highly integrated side-by-side solution extensions to individualize your business processes without harming the stable application core.



Accelerate move to cloud

Benefit from SAP BTP capabilities before, during, and after your move to the cloud in disciplines such as data and extension migration, integration, or consolidation.



Optimize and automate business processes

Automate manual tasks as well as cross-application workflows, leveraging a broad set of predefined content.



Drive decisions based on data

Support your business users with the right information at hand or AI-based recommendations to improve decision speed and quality – leveraging data sources.

Benefits of Clean Core

A clean core allows to adapt the system to changing business requirements and to adopt new capabilities while ensuring permanent traceability in all areas of the core. **It provides...**

...agility and flexibility.

Clean environments decrease time to value. Additional process requirements can be implemented faster and business models can adapt to short term challenges more easily.

...leverage latest innovations i.e. to **stay current.**

Adaptation effort in the context of updates and upgrades is reduced. Cloud services can be integrated faster.

...efficient and secure operations.

E.g. no costly maintenance for unused artefacts

...data to value

Consistent data allows reliable forecasts and precise predictions.

Overall, clean core **reduces historically grown complexity** through targeted technical modernization, aligned with a business transformation.

DISTRIBUTOR CUSTOMER

OPPORTUNITIES CUSTOMER SERVICE

ENCOURAGEMENT EXPERTISE

PROJECTS ~~INNOVATION~~

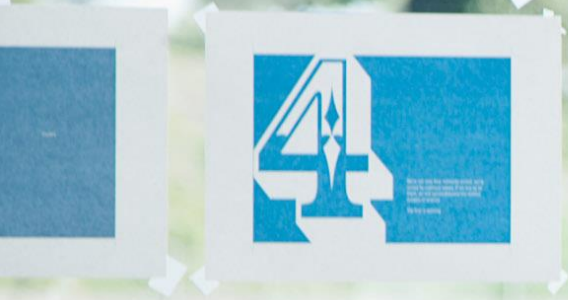
TRUST → CREATIVITY

DATA LISTENING

INNOVATION

PROGRESS

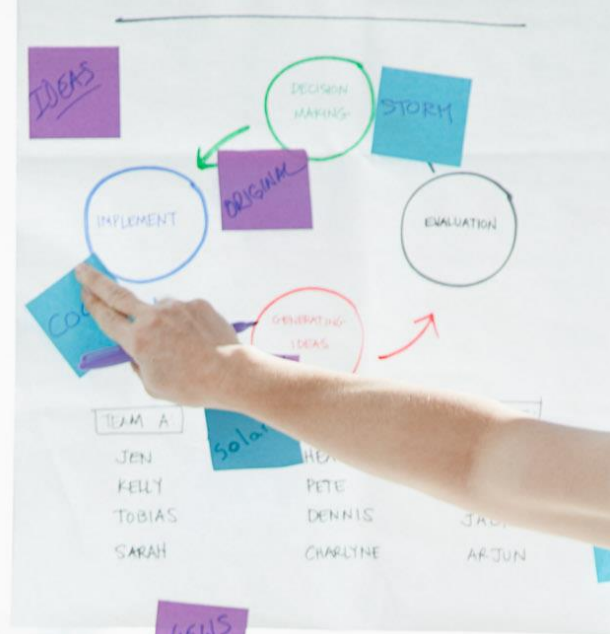
ALLOCATION



OCEAN

AIR

LIGHTNING



Views



BTP capabilities

SAP BTP Cloud Capabilities

Secure & compliant
Open & flexible
Unified & simple

Broad ecosystem
Enterprise-grade & scalable
Business-centric

Business Technology Platform

App Dev	Automation	Integration	Data and Analytics	AI
→ Visual Low-Code / No-Code experience	→ Workflow Management	→ Process integration	→ Analytics & planning	→ Pre-trained AI models
→ Pro-code tooling	→ Robotic Process Automation	→ API-led integration	→ Data management	→ Responsible AI
→ Digital experience	→ Process monitoring & analytics	→ Event-driven integration	→ Operational database	→ AI model lifecycle management
→ DevOps	→ Automated document processing	→ B2B integration	→ Data warehouse & data lake	→ AI-infused SAP Applications (incl. Generative AI)

SAP BTP Cloud Capabilities

Secure & compliant
Open & flexible
Unified & simple

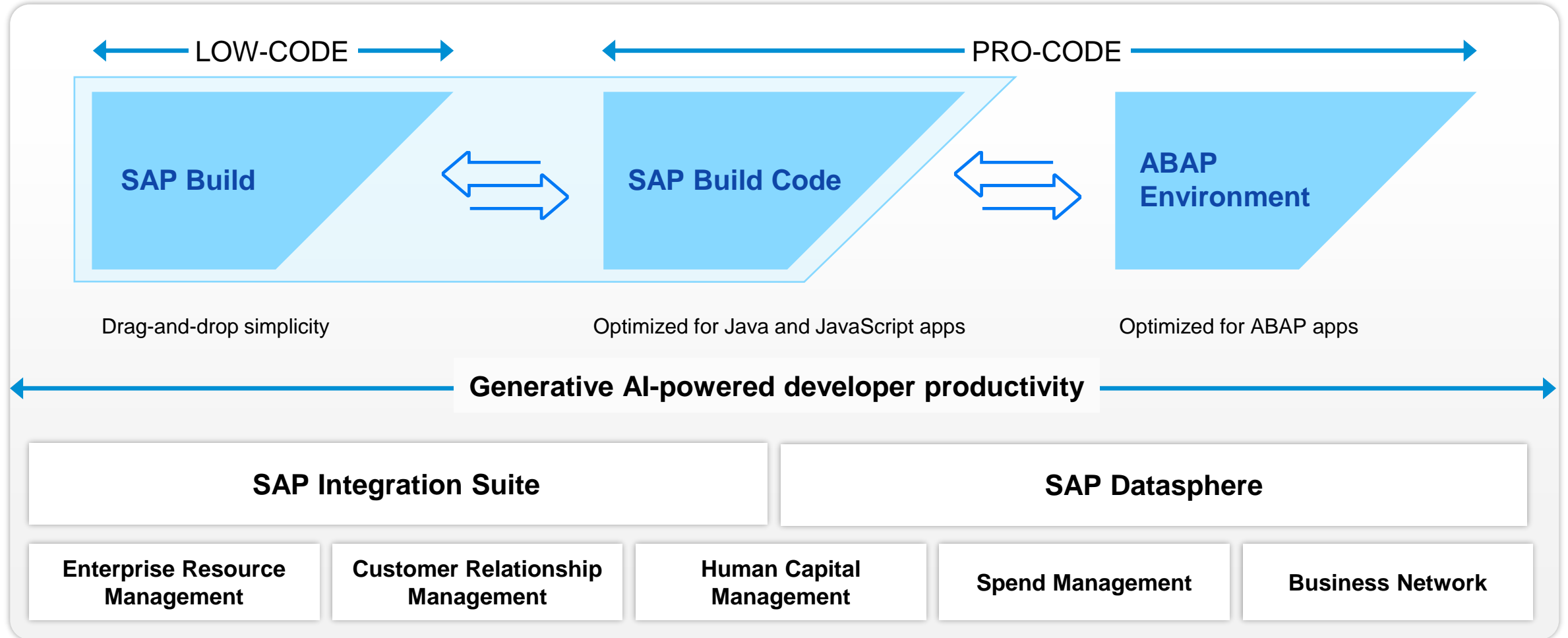
Broad ecosystem
Enterprise-grade & scalable
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Business Technology Platform

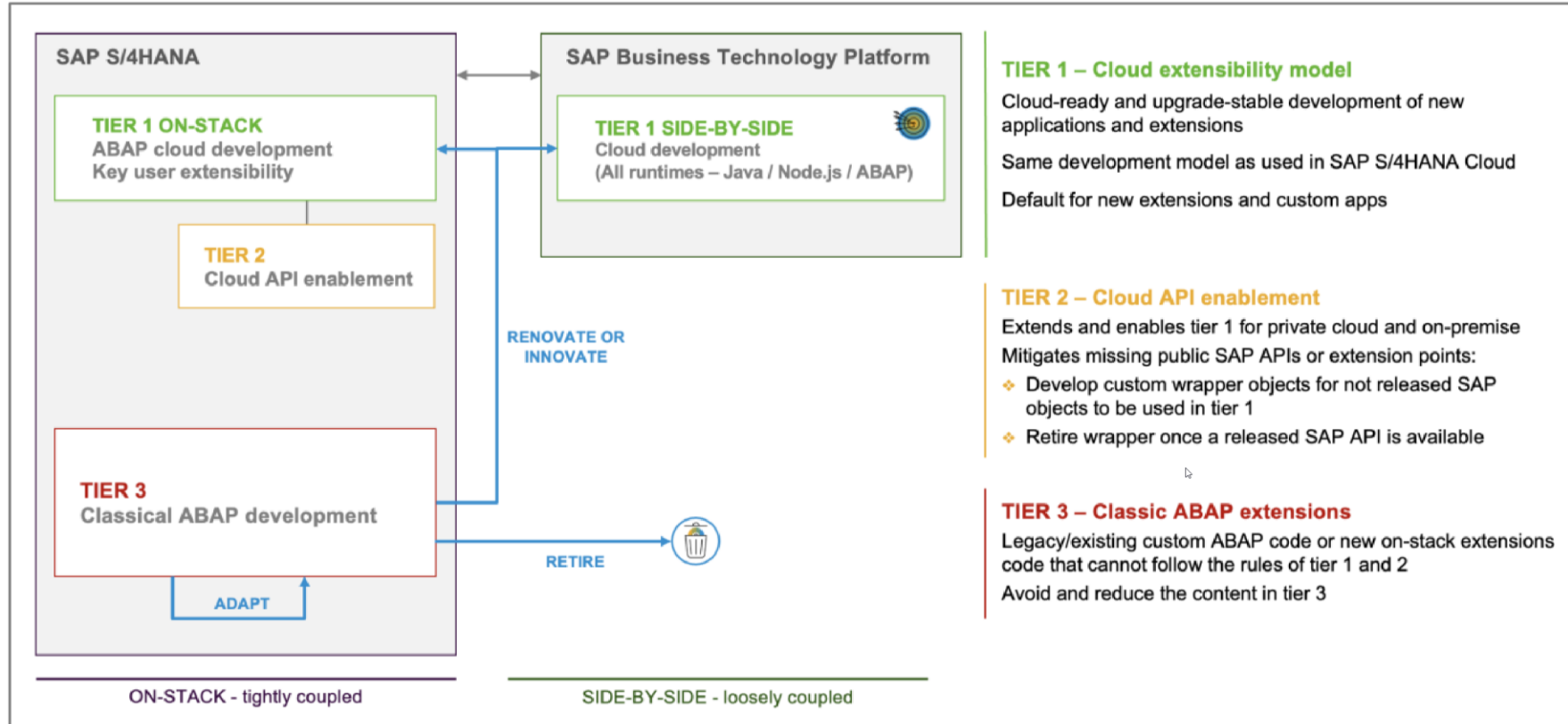
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		→ Data integration		

Application development and automation on SAP BTP

Integrated solutions enabled by generative AI



Extend SAP S/4HANA in the cloud and on premise with ABAP based extensions



[Blog Post](#)



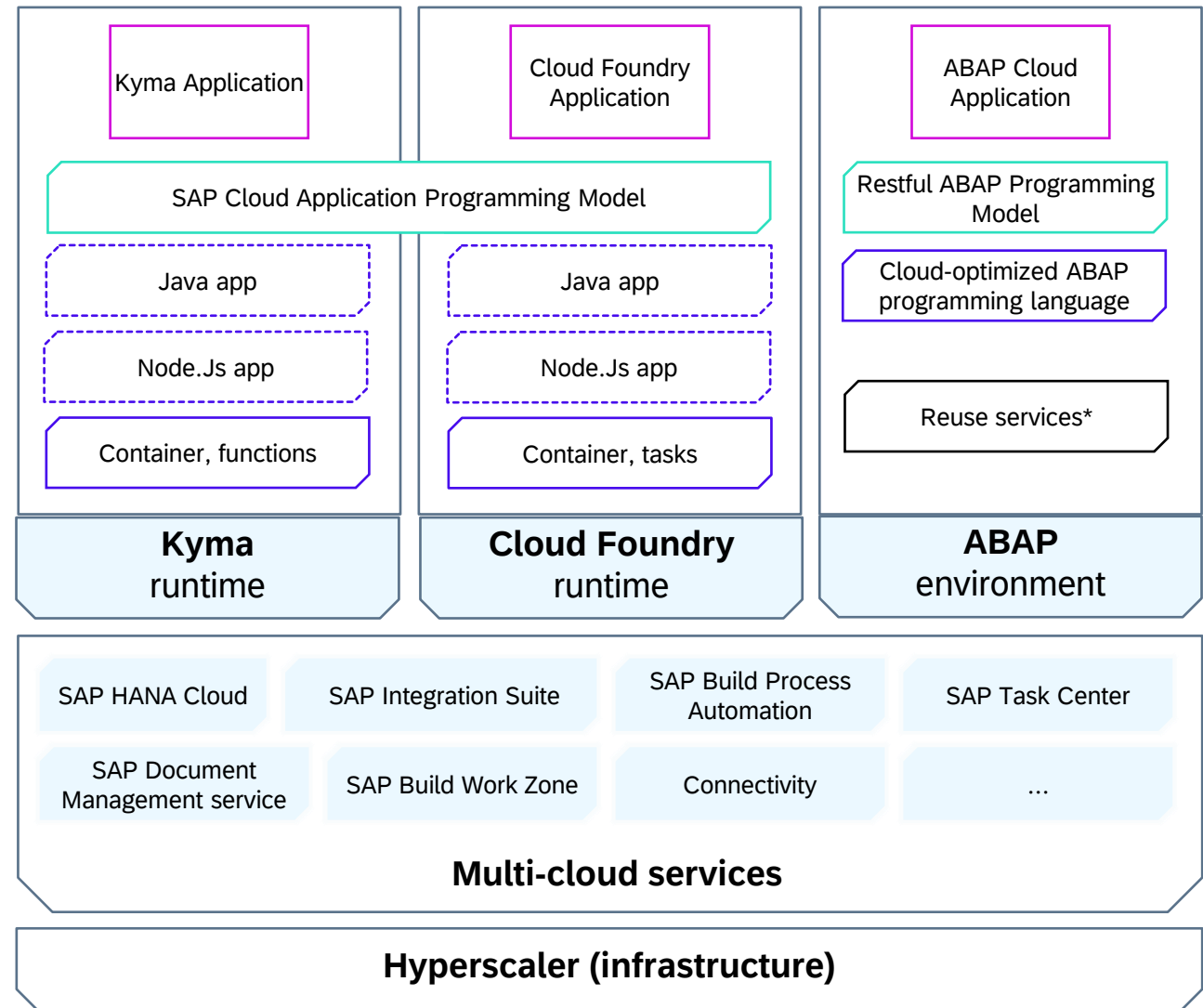
[Whitepaper](#)

Availability:

- SAP BTP ABAP Environment, since product launch (2018)
- SAP S/4HANA Cloud, public edition, since 2208 release (new customers)
- SAP S/4HANA Cloud, private edition and on-premise, since SAP S/4HANA 2022 release

SAP BTP – Runtime strategy in a nutshell

- There are **three strategic runtimes of choice** supported on SAP BTP today:
 - ABAP environment
 - Cloud Foundry runtime
 - Kyma runtime
- The current **services** on SAP BTP can be **consumed from the strategic runtime environments** on SAP BTP.
- SAP is offering **aligned programming models** to abstract from services usage and runtimes where possible.
- **Buildpacks** are being used to ease user experience and portability of workloads.



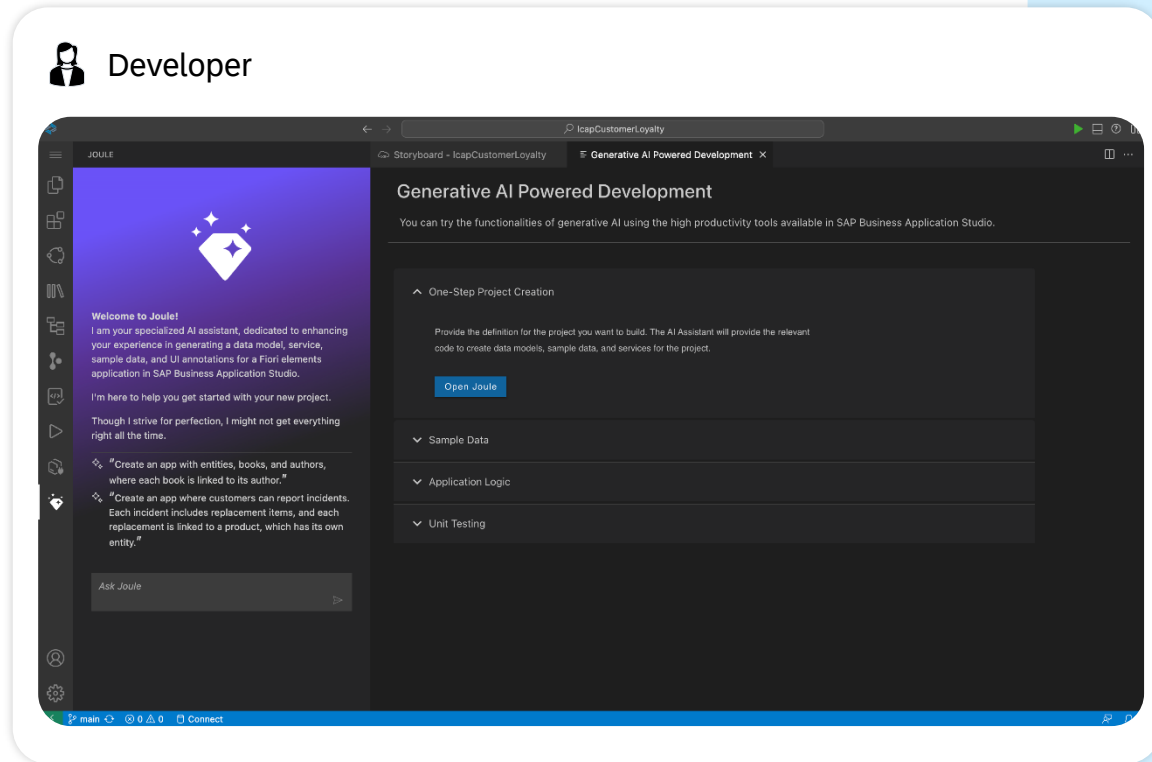
*integral part of SAP BTP, ABAP Environment



AI in AppDev

Application Development: Boost development productivity

GPT-based CAP model, data, service and application logic generation



Challenge

- Writing code is hard and requires upfront learning. Even experienced developers regularly need to consult the documentation which slows down the development process.
- Test data creation is tedious. One must always ensure that data fits the model and is up to date.

Solution

- **Integrated in SAP BTP Business Application Studio & CAP**
- Create all necessary CDS files which define the entities, relations and service projections according to your prompt
- Generation of business logic in services, generate sample data
- Even existing models can be changed, just by providing descriptions
- Supports developers to generate unit tests for business in services

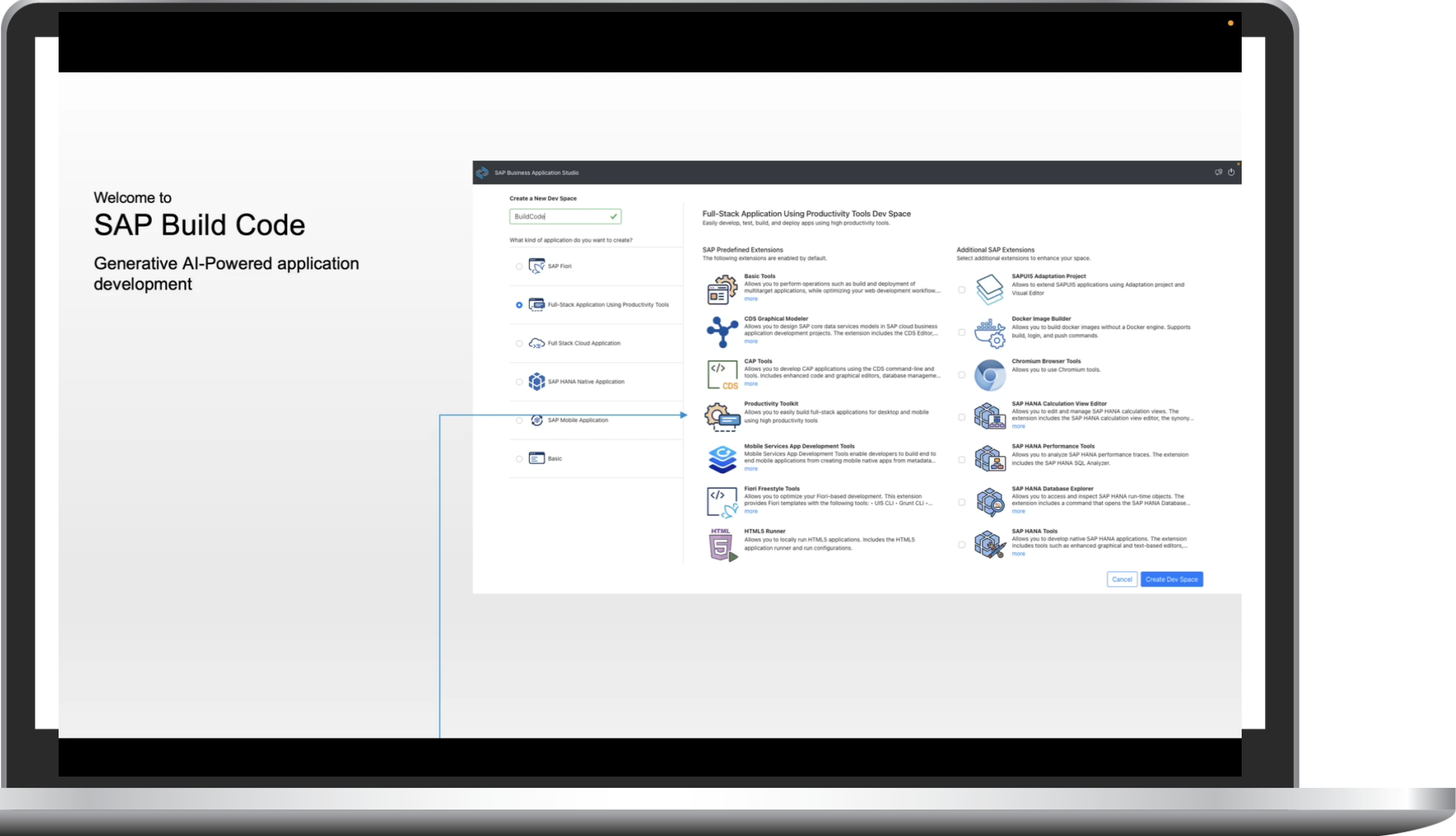
Outcomes

Up to 30%
time reduction to generate
data models and services

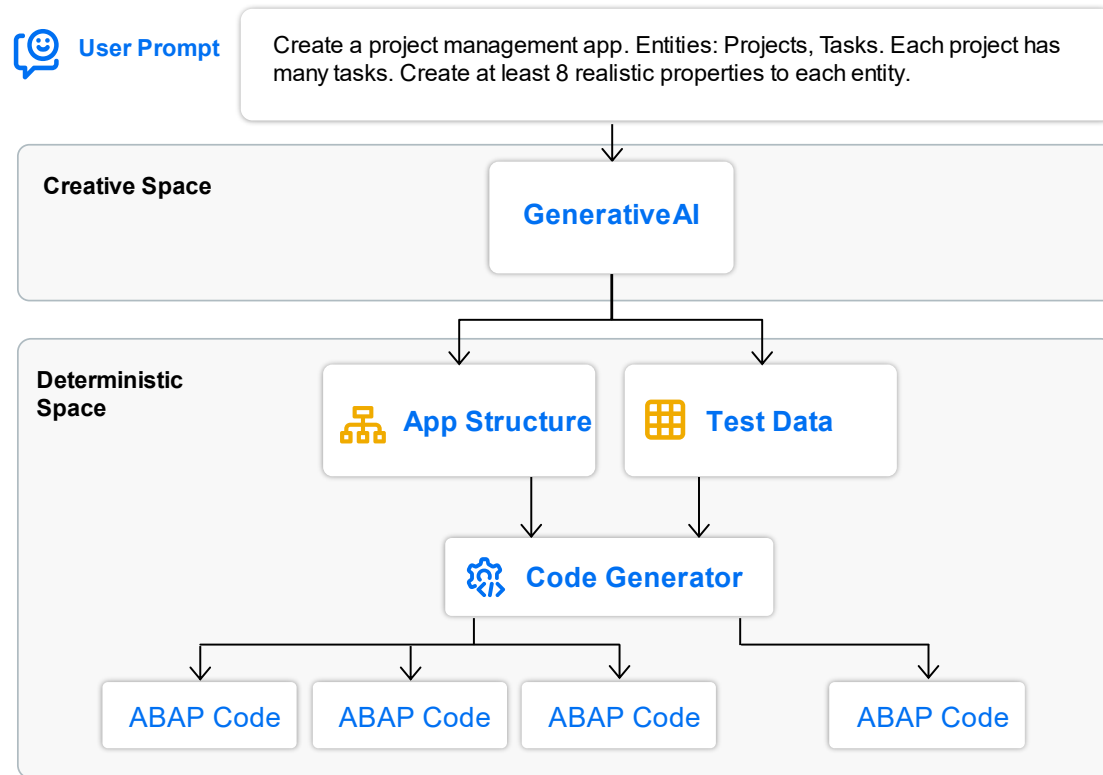
Improve
Developer experience

Empower
Users to answer their
technical and
business questions

SAP Build Code in action



AI-based code generation for SAP BTP, ABAP environment



Accelerate

Creation of ABAP Cloud applications including test cases and data



Support

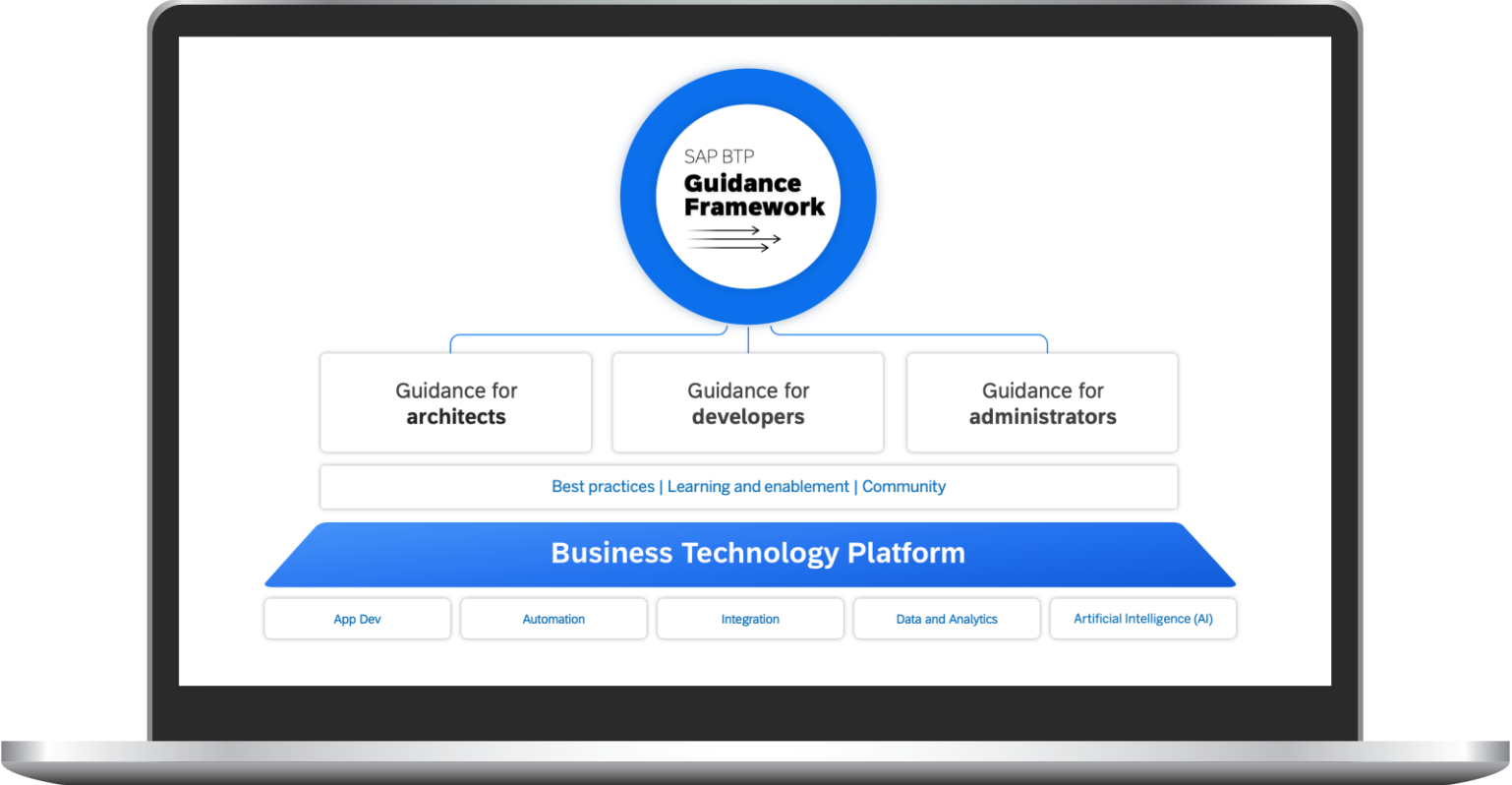
transformation of classic ABAP code into ABAP Cloud



Empower

developers to infuse AI into business scenarios

Explore the SAP BTP Guidance Framework



<https://url.sap/3jfarc>

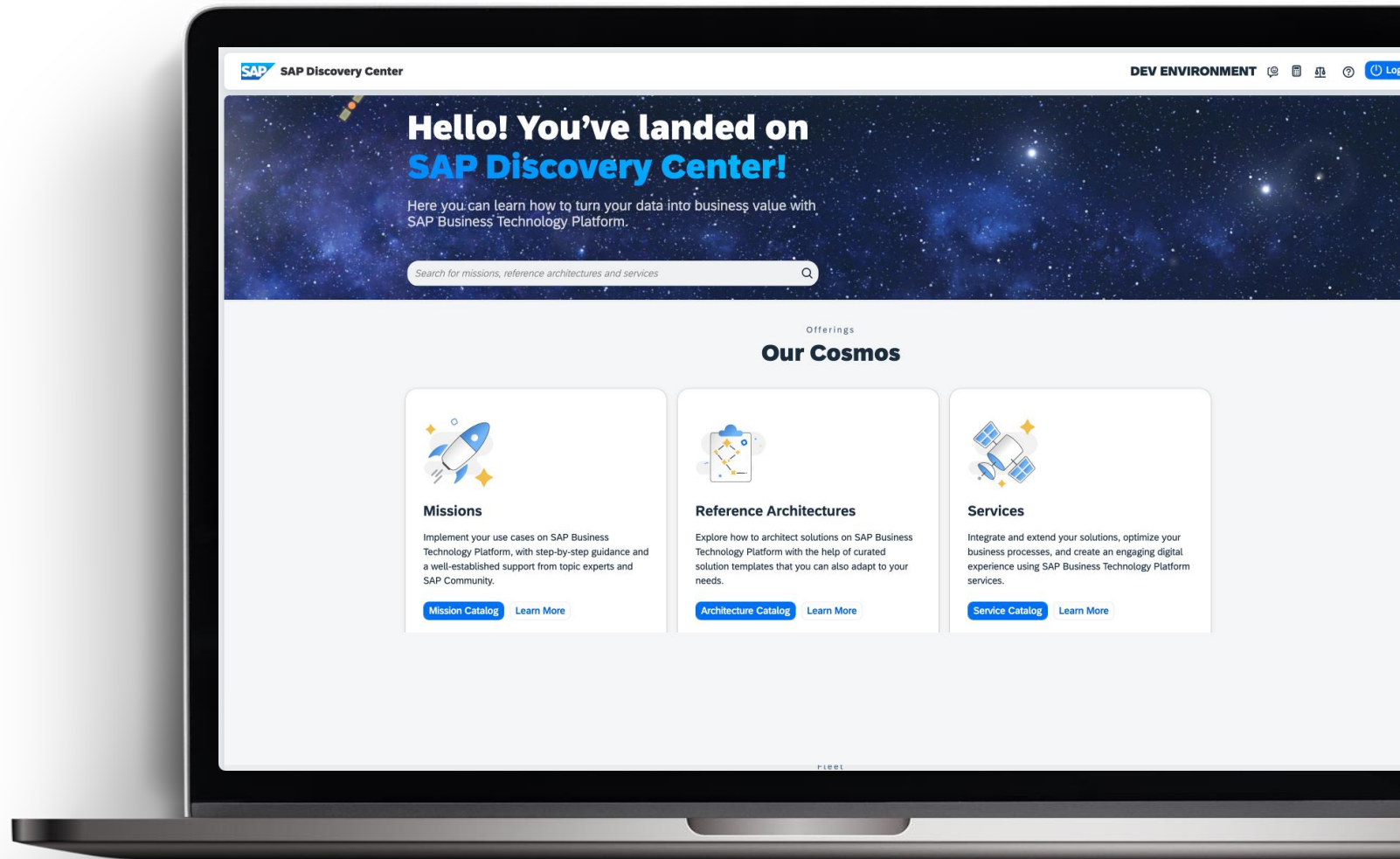
SAP Discovery Center

SAP Discovery Center

- Realize the use cases as a mission
- Be inspired by [Customer Stories](#)
- Explore how to architect solutions
- Adapt the architecture
- Analyze cost with [estimator](#)
- Gain more insights into [Roadmaps](#) and [Service plans](#)



Scan this code or
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Thank you.

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