Autonomous Suite

Vinay V ✦ Noboru Ota, SAP SE

8 September 2026

Autonomous Enterprise Webcast Series

Powered by Global SAP User Groups Organization

September 08, 2026 | 14:00 - 14:45 (CET)

Autonomous Suite: Driving Business Value Across the Enterprise

Vinay V & Noboru Ota, Chief Experts SAP Cloud ERP Private, SAP

September 15, 2026 | 16:00 - 16:45 (CET)

Joule in Action – Turning AI Into Business Value

Jonathan von Rüden, Chief AI Officer, SAP

September 22, 2026 | 14:00 - 14:45 (CET)

Industry AI in Action: Converting AI into Competitive Advantage

Andre Bechtold, President SAP Industries & Experiences, SAP

September 29, 2026 | 14:00 - 14:45 (CET)

SAP Business AI Platform: AI That Understands How Your Business Runs

Steffen Pietsch, Head of Platform Product Management, SAP

October 06, 2026 | 14:00 - 14:45 (CET)

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

Thorsten Spihlmann, Head of Product Mgmt Data Transformation & Configuration, SAP

October 13, 2026 | 14:00 - 14:45 (CET)

Your Journey to the Autonomous Enterprise: Unlocking Value with SAP GROW and RISE with SAP

David Yawalkar, Head of RISE with SAP – Package & Commercialization Adoption, SAP

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Agenda

01 **Autonomous Enterprise**
The Context , Challenges & Imperatives

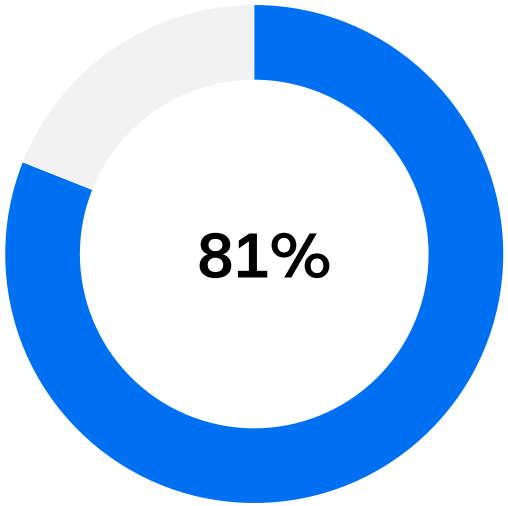
02 **Key Elements of Autonomous Enterprise**
Bridging the execution gap in realizing potential of Agentic AI

03 **Autonomous Suite**
Overview & Insights into select AI Assistants & Agents

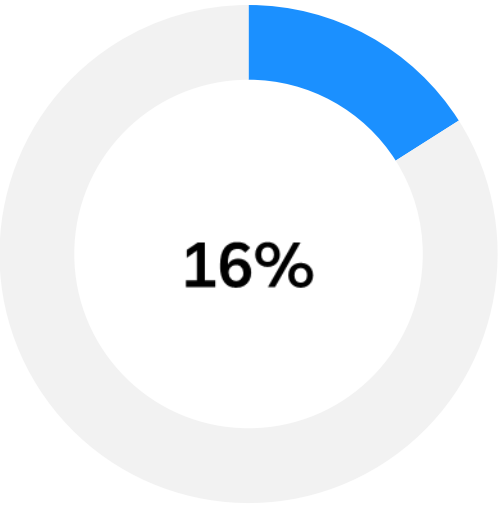
04 **How to get there**
Transforming and Scaling with built in Governance & Enterprise guardrails

05 **Resources & Discussion**

AI Strategy is Everywhere....Results are Not



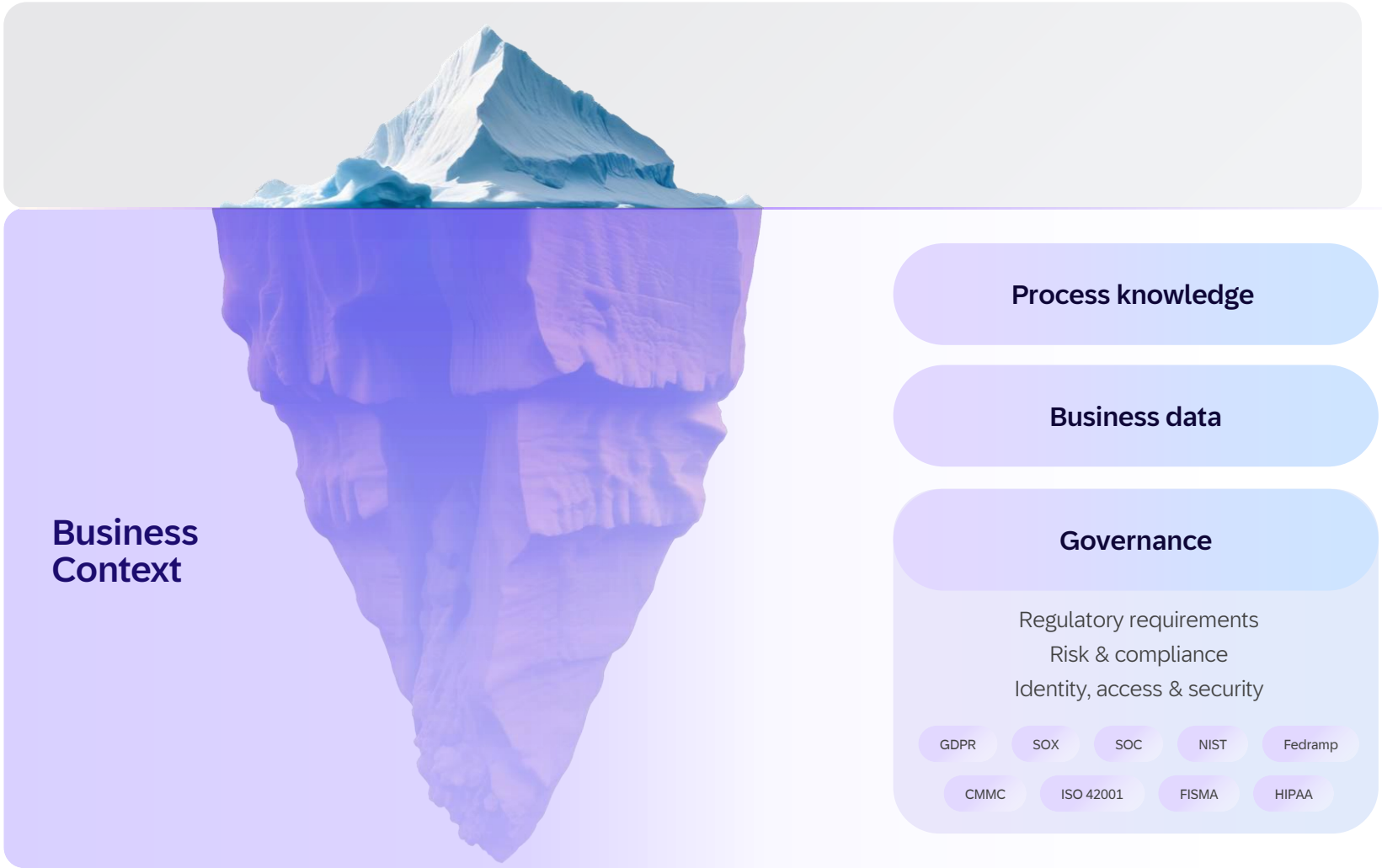
Of organizations having detailed AI strategy



Of organizations reaching AI execution

Src: IDC InfoBrief: Enterprise AI Maturity Study Moving Beyond Strategy to Execution.

What does AI really need to deliver value?



What AI needs to actually deliver value. SAP already has it

Deep Process & Industry Knowledge

50 years of process & industry intelligence encoded in our applications, knowledge graph and LLMs

>120 Mission-critical processes covered

Semantically Rich Business Data

Data enriched with operational business context in a suite-wide semantic model

7.3M data fields covered by SAP Knowledge Graph

Enterprise-Grade Governance

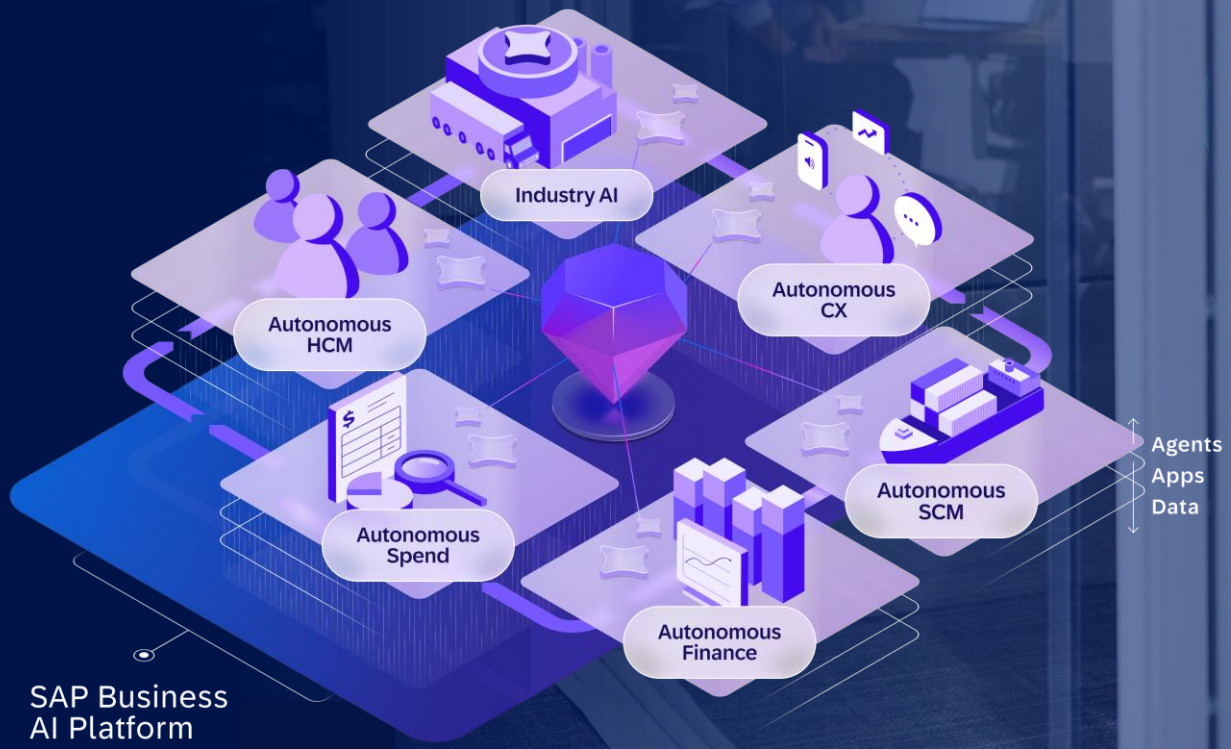
AI for enterprise deployment, managing the full Agentic AI lifecycle securely and reliably out-of-the-box

100% of AI workloads covered by certified controls[1]

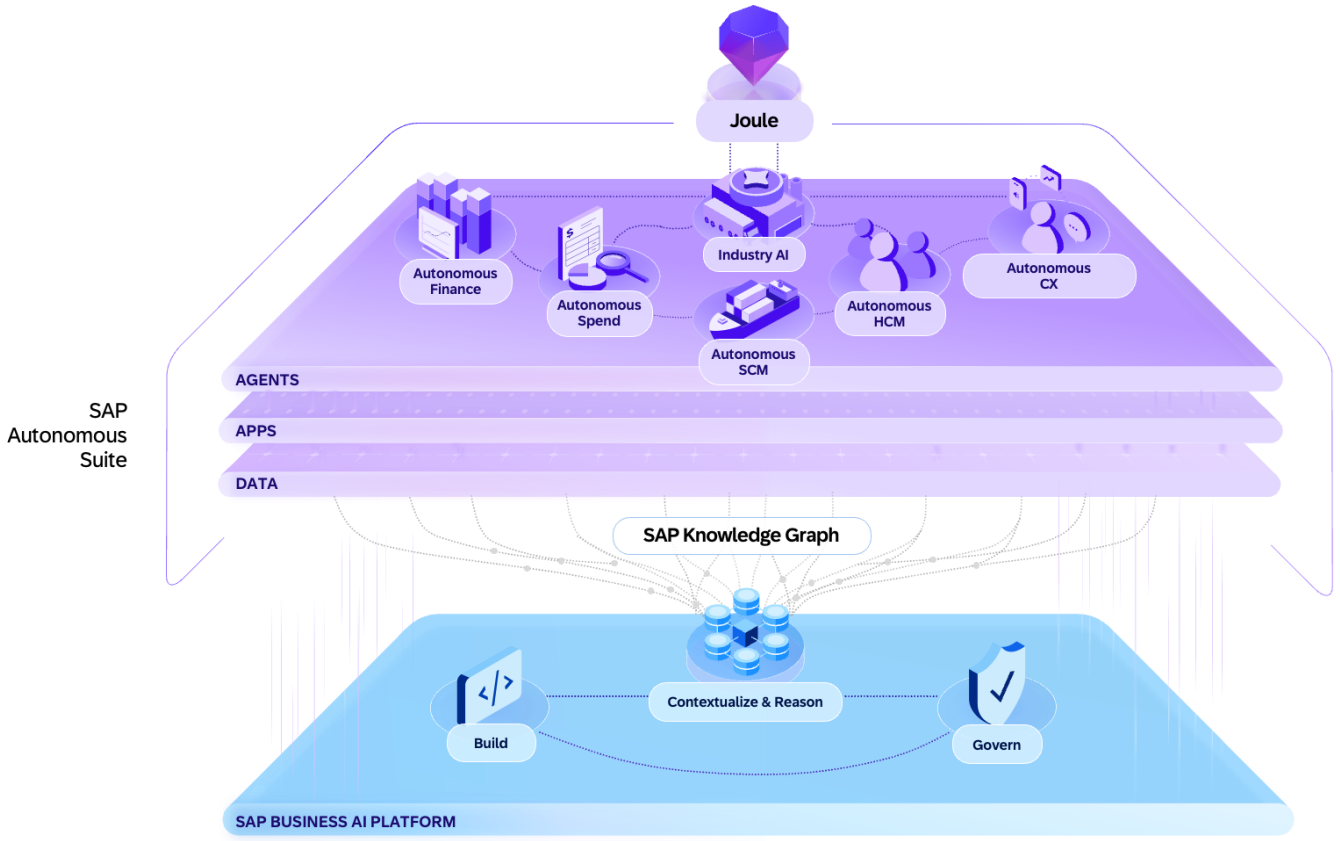
The Beginning of Better.

Welcome to the Autonomous Enterprise

People set the direction. AI executes.



Key elements of the Autonomous Enterprise



1. **Joule** as the new engagement layer, bringing together data, workflows, and agents across SAP systems and beyond
2. **SAP Autonomous Suite** to reinvent how enterprises run, based on AI assistants and agents executing work E2E
3. **Industry AI** embeds the process knowledge, compliance rules, and data models specific to your industry
4. **SAP Business AI platform** delivering business context, unified data, models, and enterprise-grade governance

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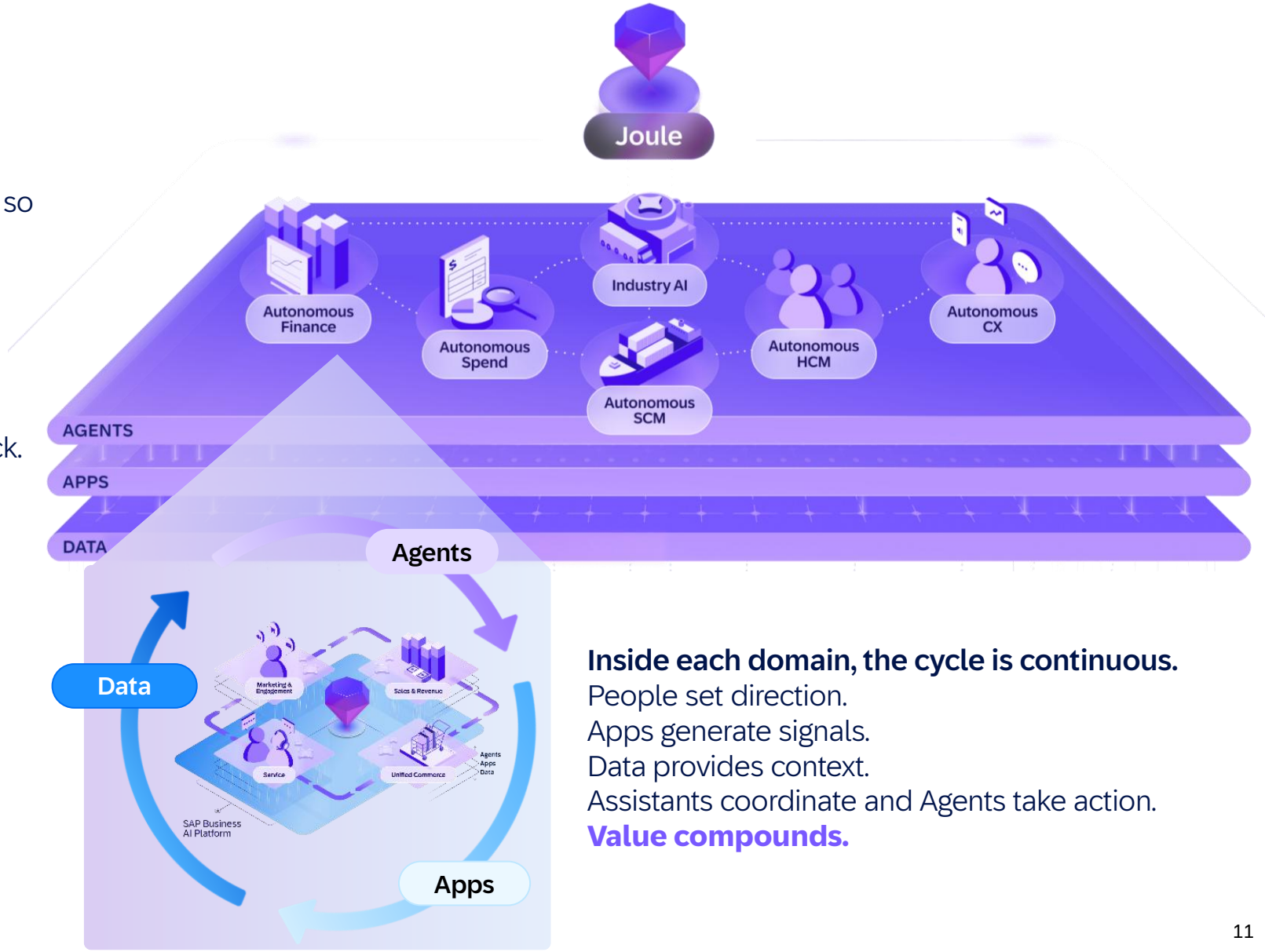
5. **Accelerate the evolution to an Autonomous Enterprise** with agent-led transformation, delivered through RISE and GROW.

People direct. Assistants coordinate. Agents execute

The Autonomous Suite is the operational core of the business. It spans five domains so workflows and agents run across functions without fragmenting into separate tools, separate data, or separate decisions.

The domains move as a single system.
A decision in one shows up in all.
No integration tax. No stitched-together stack.

The result: a business that runs **leaner**, moves **faster**, and **bends** without breaking.



Inside each domain, the cycle is continuous.
People set direction.
Apps generate signals.
Data provides context.
Assistants coordinate and Agents take action.
Value compounds.

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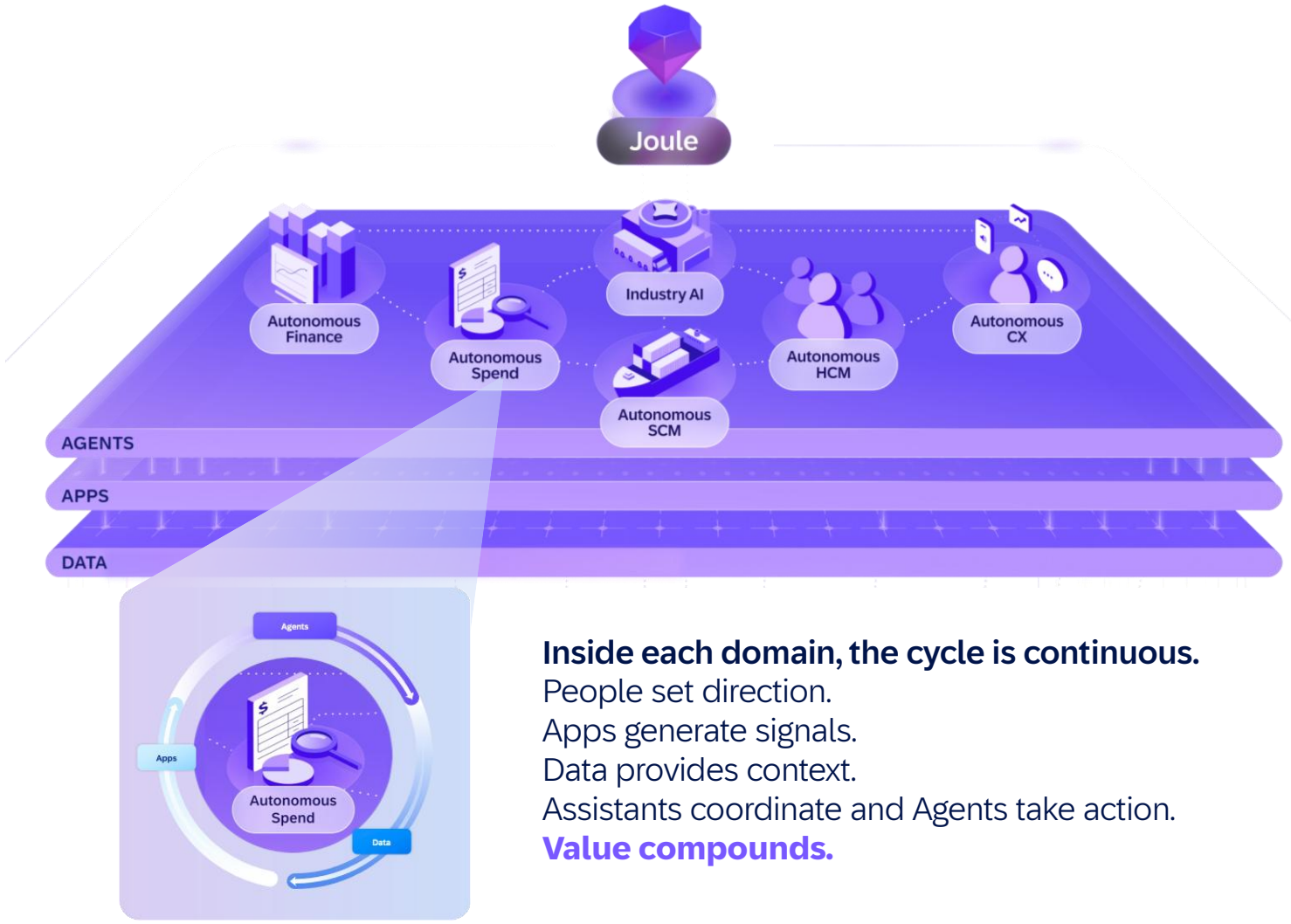

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Domain intelligence with AI assistants and agents

Your company operating intelligence embedded in every business function

Autonomous Finance

AI-driven close, real-time variance analysis, autonomous cash application, predictive forecasting

Autonomous SCM

Demand sensing, autonomous replenishment, proactive disruption management

Autonomous Spend

Intelligent sourcing, autonomous invoice processing, contract compliance agents

Autonomous HCM

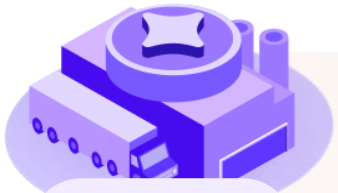
Workforce planning agents, skills matching, autonomous onboarding workflows

**Provided by SAP HCM Suite*

Autonomous Customer Engagement

Predictive service, autonomous lead qualification, real-time CX orchestration

**Provided by SAP CX Suite*



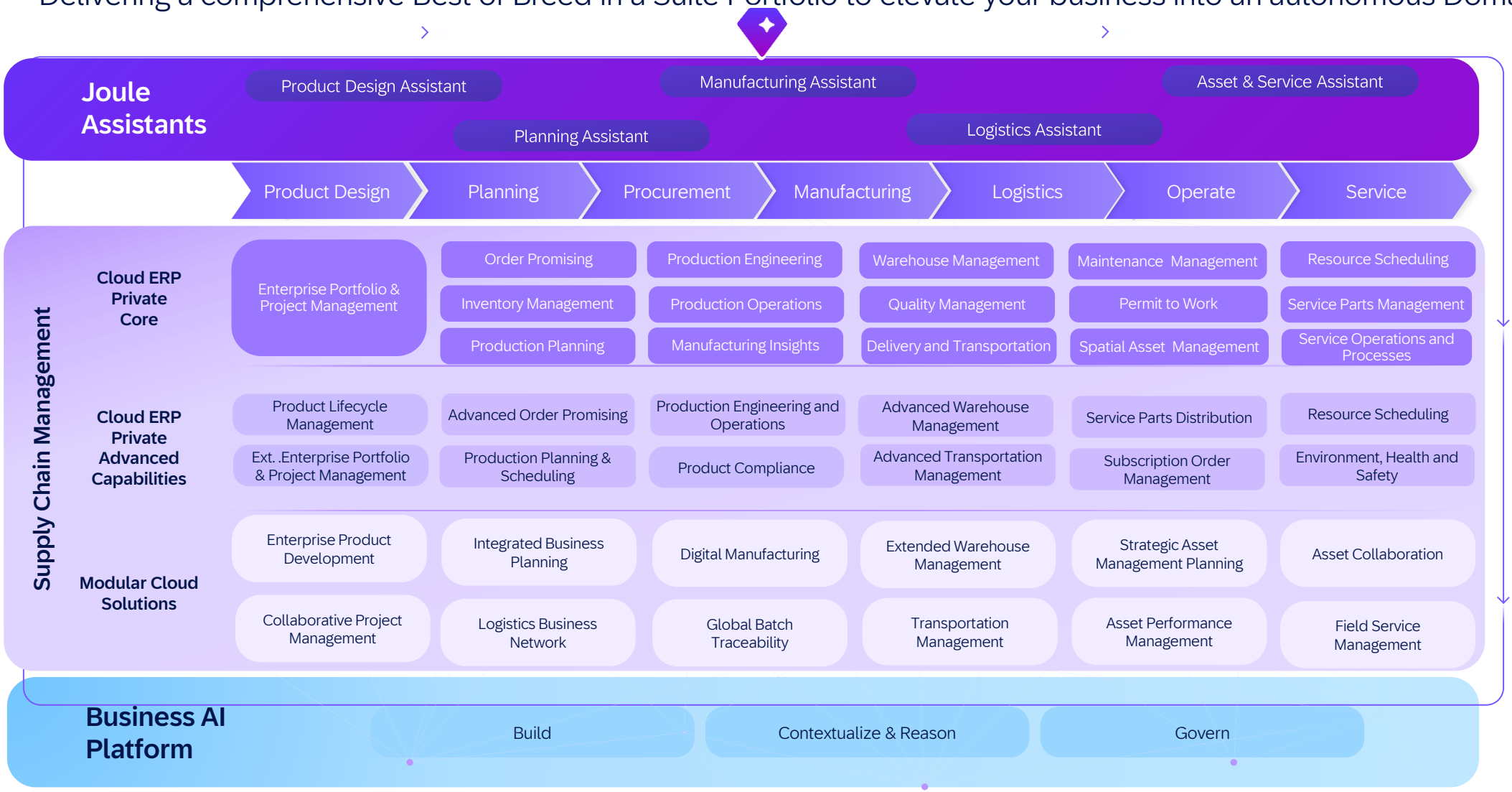
Industry AI

Vertical-specific intelligence—asset management in energy, regulated manufacturing in life sciences, compliance in financial services. Industry domains span multiple autonomous functions.

Each domain combines **Joule Assistants, specialized Joule Agents, the applications** you run today, and **the data** that flows through your Private Cloud.

SAP Autonomous Supply Chain Portfolio Overview

Delivering a comprehensive Best of Breed in a Suite Portfolio to elevate your business into an autonomous Domain



Unlock a new era for your business

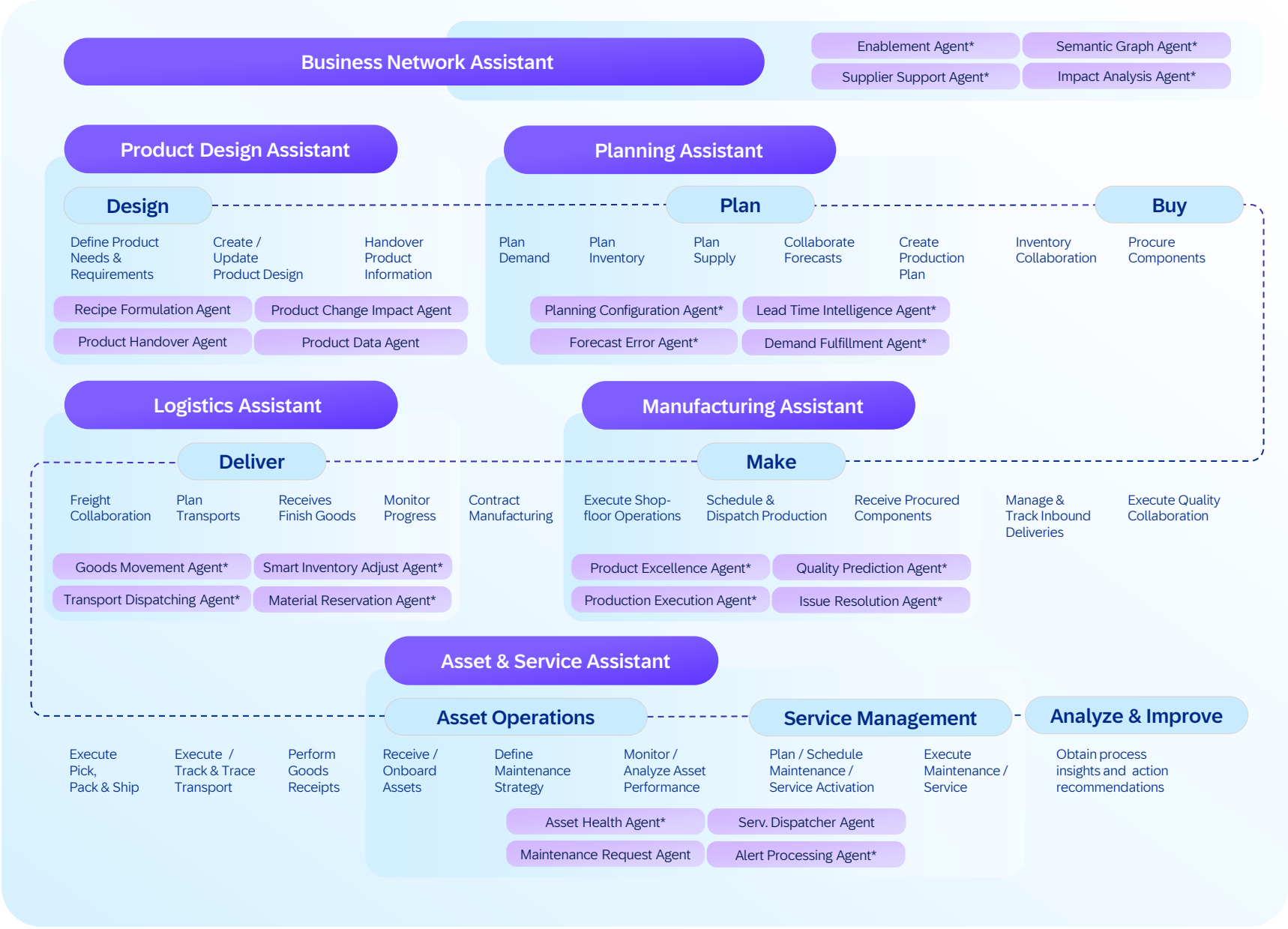
powered by the Autonomous Supply Chain Domain embedded within SAP applications and trained on rich, contextual data.

Autonomously Orchestrated Supply Chain

Dynamically adjusting supply chain that anticipates disruptions, responds instantly to change and transforms your operations into a high-performance engine

Vision: Unlock end-to-end visibility, built-in resilience, and seamless orchestration so you anticipate disruptions, run smoother operations, and exceed expectations

Mission: Deliver AI-powered supply chains assistants and agents that think ahead, orchestrate every step, and enable proactive decision-making, instant problem-solving and truly run autonomous



* Requires SCM specific solution prerequisite; please connect with your SAP Sales Team to discuss.

Snapshot of supply chain assistants and agents in interaction
Refer to full list of agents and assistants.

Lab Preview

Autonomous Enterprise: Autonomous Supply Chain

Autonomous Finance | **Autonomous Supply Chain** | Autonomous Spend | Autonomous HCM | Autonomous CX

Product Design → Planning → Procurement → Manufacturing → Logistics → Operate → Service

Product Design Assistant	Planning Assistant	Procurement Assistant	Manufacturing Assistant	Logistics Assistant	Asset & Service Assistant	
Product Change Mgmt Agent	Cust. Order Confirmation Agent*	Category Strategy Agent*	Production Master Data Agent*	Transport Dispatching Agent*	Alert Processing Agent*	Onboarding Agent*
Product Data Agent	Deployment Ord. Confm. Agent*	RFx Orchestration Agent*	Prod. Planning & Ops. Agent*	Logistics Issue Resolution Agent*	Asset Health Agent*	Impact Analysis Agent*
Product Knowledge Agent	Forecast Error Agent*	Compliance Monitoring Agent*	Product Excellence Agent*	WH Adaptive Fixed Bin Agent*	Serv. Dispatcher Agent*	Semantic Graph Agent*
Recipe Formulation Agent	Inventory Invest Decision Agent*	Duplicate Detection Agent*	Production Execution Agent*	Goods Movement Agent*	Technician Briefing Agent*	Enablement Agent*
Product Structure Opt. Agent	Demand Fulfillment Agent*	Invoice Validation Agent*	Product Process Opt. Agent*	WH Workload Opt. Agent	Maintenance Request Agent	Demand Trend Agent*
Product Change Impact Agent	Forecasting Bias Agent*	Commerce Automation Agent*	Issue Resolution Agent*	Goods Receipt Accel. Agent*	Maintenance Planning Agent	Supplier Support Agent*
Product Handover Agent*	Planning Configuration Agent*	Invoice Dispute Agent*	Workforce Orchestration Agent*	Material Reservation Agent*	Equipment Insight Agent	Catalog Agent*
	Lead Time Intelligence Agent*	Supplier Discovery Agent*	Quality Prediction Agent*	Smart Inventory Adjust Agent*	Maintenance Plan-Cost Agent*	
	Component shortage Agent*	Sourcing Intelligence Agent*	GxP Agent*	WH Int. Replenishment Agent*	Ops Maintenance Order Agent	
	S&OE Automation Agent*	Supplier Reliability Agent*	Network Collaboration Agent*	Logistics Orchestration Agent*	Maintenance Briefing Agent	
	Shelf Life , E&O Agent*	RFX Agent*		Tendering Agent*		
		Procurement Fulfillment Agent*				

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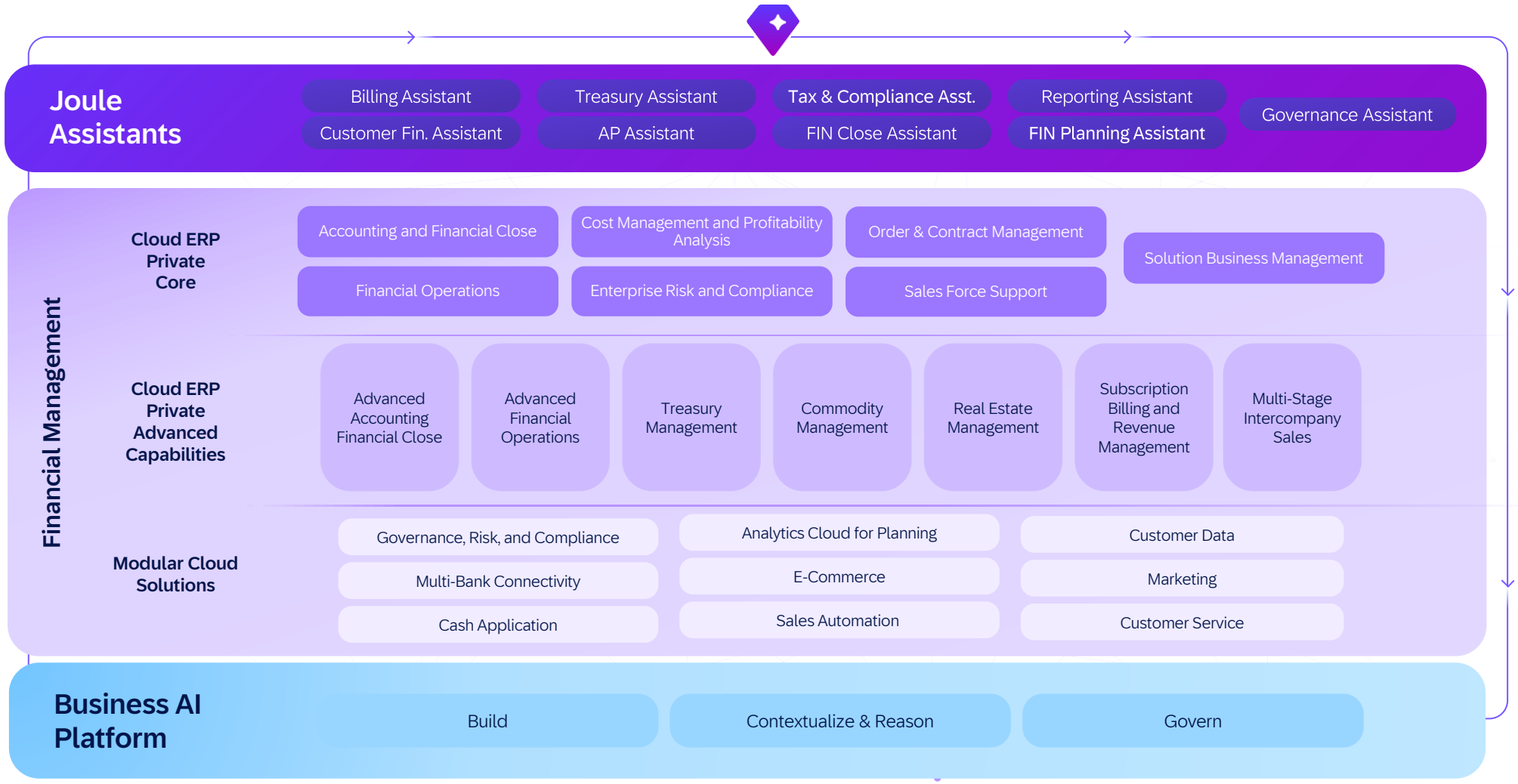
SAP Autonomous Finance Portfolio Overview

Delivering a comprehensive Best of Breed in a Suite Portfolio to elevate your business into an autonomous Domain



Unlock a new era for your business

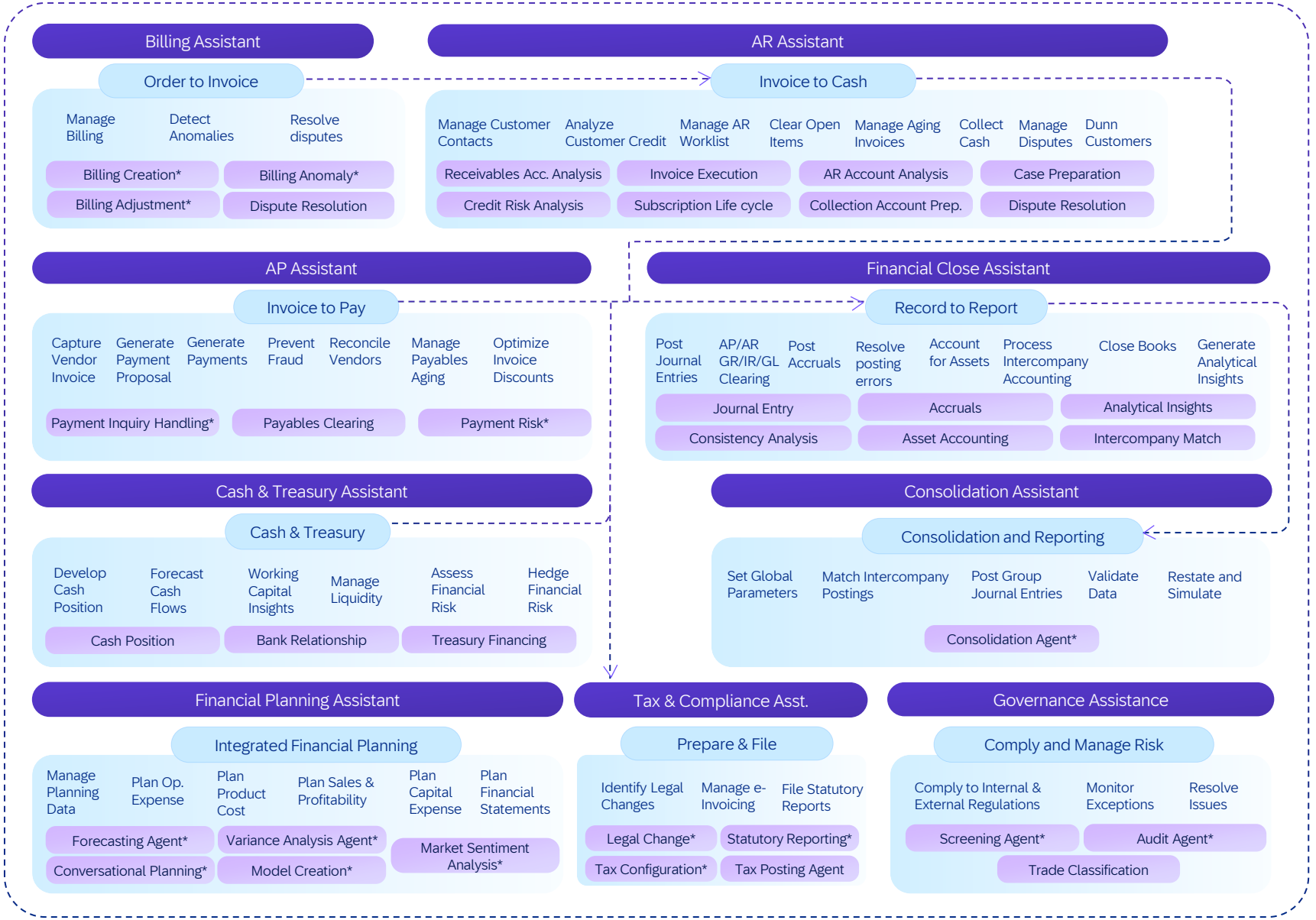
powered by the Autonomous Finance Domain embedded within SAP applications and trained on rich, contextual data.

Autonomous Finance

AI-Driven Autonomous Finance enables transformative growth and profitability for companies by proactively managing uncertainty, increasing customer lifetime value, controlling spend, enabling compliance and sustainability, and maximizing ROI across investments.

Vision: Empower Finance leaders to steer the business with speed, accuracy, and confidence, supported by connected insights and streamlined, intelligent operations.

Mission: Enable Finance teams to bring out their best by reducing manual work and improving outcomes across every process.



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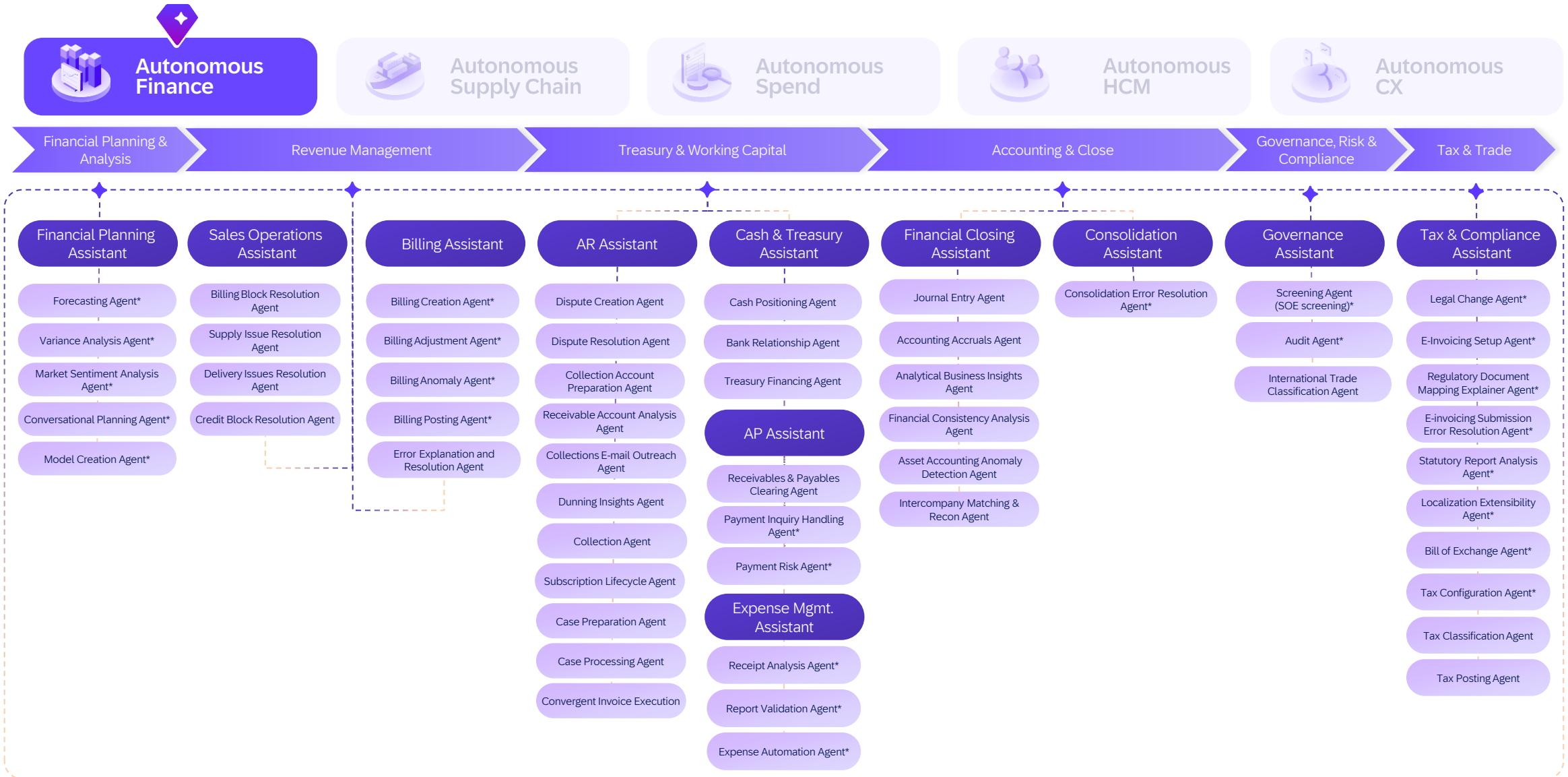
Snapshot of finance assistants and agents in interaction
Refer to full list of agents and assistants.

Autonomous Enterprise: Autonomous Finance



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AI that already knows how your industry operates

SAP Industry AI

Autonomous domains give breadth across functions.

Industry AI goes deeper, with fully agentic solutions built for the processes that matter most in an industry's value chain.

- Jointly developed with our customers as **Forward Deployed Engineering**
- Built for **industry standard** as well as customer specific **last-mile extensions**
- Developing a **industry-specific context layer** on our Business AI Platform
- **Starting with seven industry themes**, but scaling beyond, unlocking value-based commercial models

25+ **industries**

98 **of the world's 100 largest companies**

50 **years of co-innovation**

	Industry AI Domains	
Oil, Gas, & Energy	**Autonomous Asset Management**	Coordinate assets, supply chain, and workforce in a continuous loop. Reduce cost. Reduce downtime.
Agribusiness	**Autonomous Commodity Management**	Connect traders, planners, and logistics in one continuous commodity flow. From origin to delivery.
Industrial Manufacturing	**Autonomous Adaptive Production**	Coordinate decisions from design through delivery. Engineering, production, and service operate as one connected lifecycle
Life Sciences	**Autonomous Regulated Manufacturing**	Unify engineering, production, sales, and service across the full product lifecycle. One view from lab to patient.
Consumer Products	**Autonomous Revenue Growth Management**	Optimize trade strategy in real time. Respond to demand shifts as they happen, not next quarter.
Retail	**Autonomous Unified Commerce**	Plan, execute, and fulfill as one continuous operation. From demand signal to shelf.
Professional Services	**Autonomous Project Delivery**	Coordinate project delivery from staffing through billing. One flow, not five systems.
...	...	

Demonstration ✦ Joule Work

© SAP SE

New Conversation

One more thing before the day wraps up?

Helping you compile resources and edit along the way.

Message Joule

Show suggestions

Joule uses AI, verify results.

Story: Return order for bicycle producer

1. Deliver high-end bicycles to retailers
2. A customer returns a delivered bicycle
3. Analyze the return order
4. Analyze the customer
5. Analyze the return reason
6. Release the return order

New Conversation

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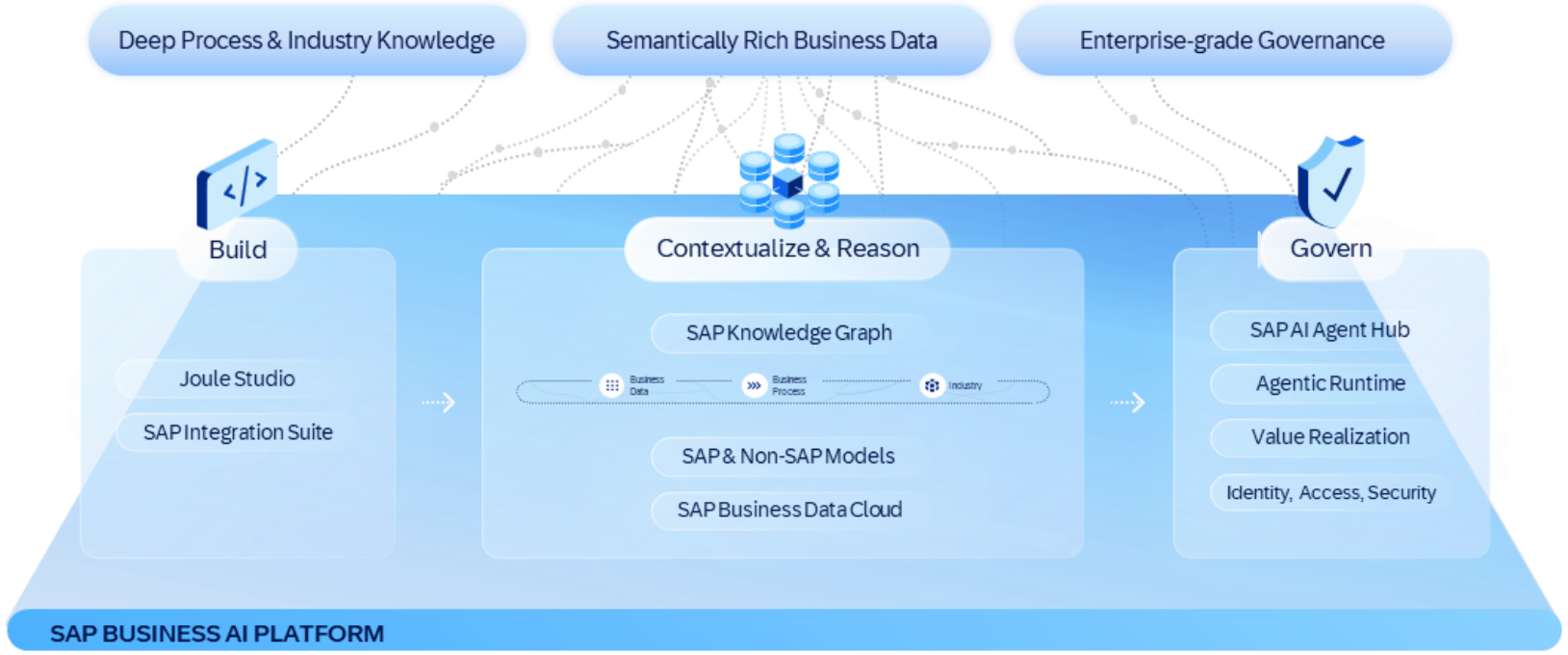
The platform for building, running, and governing AI… …your business can actually depend on

The foundation that combines deep process context, unified business data, and purpose-built models with enterprise-grade governance



Build: Build AI agents & apps with best-in-class tools & models

300+ Agents built by Partners in SAP Joule Studio

Contextualize & Reason: 50 years of encoded business process expertise

7.3M Data fields in Knowledge Graph

Govern: Command center for enterprise-wide AI agent governance

>55k AI agents managed in SAP AI Agent Hub across customers

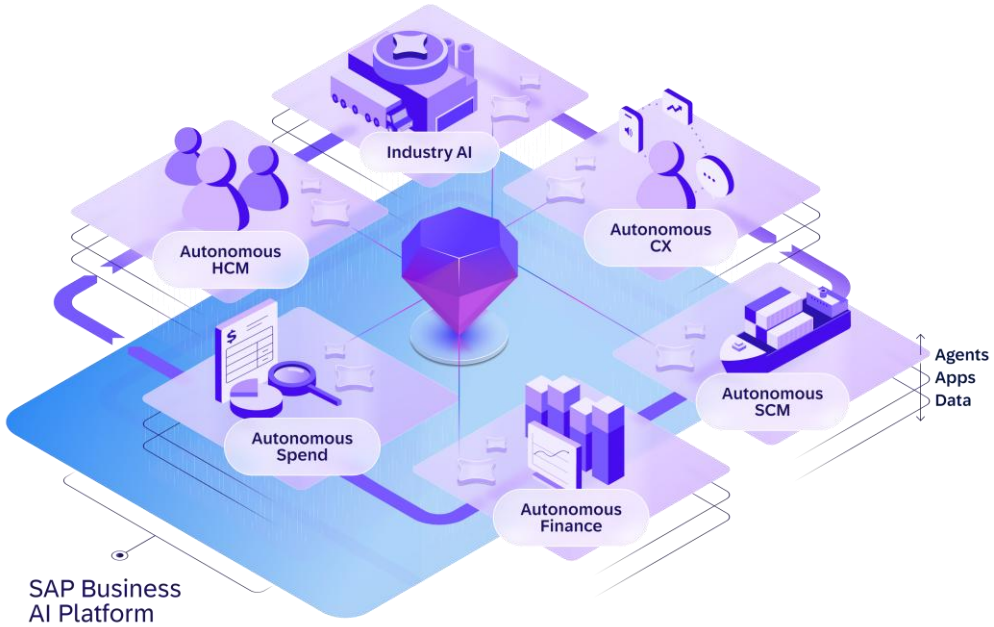
Reimagining transformations

Remove complexity and accelerate time-intensive activities with migration and modernization assistants

Minimize risks with a proven methodology, expert guidance, and value-driven transformation

Unlock agentic AI faster across the enterprise to becoming an Autonomous Enterprise

An Autonomous Enterprise **runs differently**



Your people can do their best work.

Agents handle routine transactions end to end, so people can focus on the decisions that move the business.

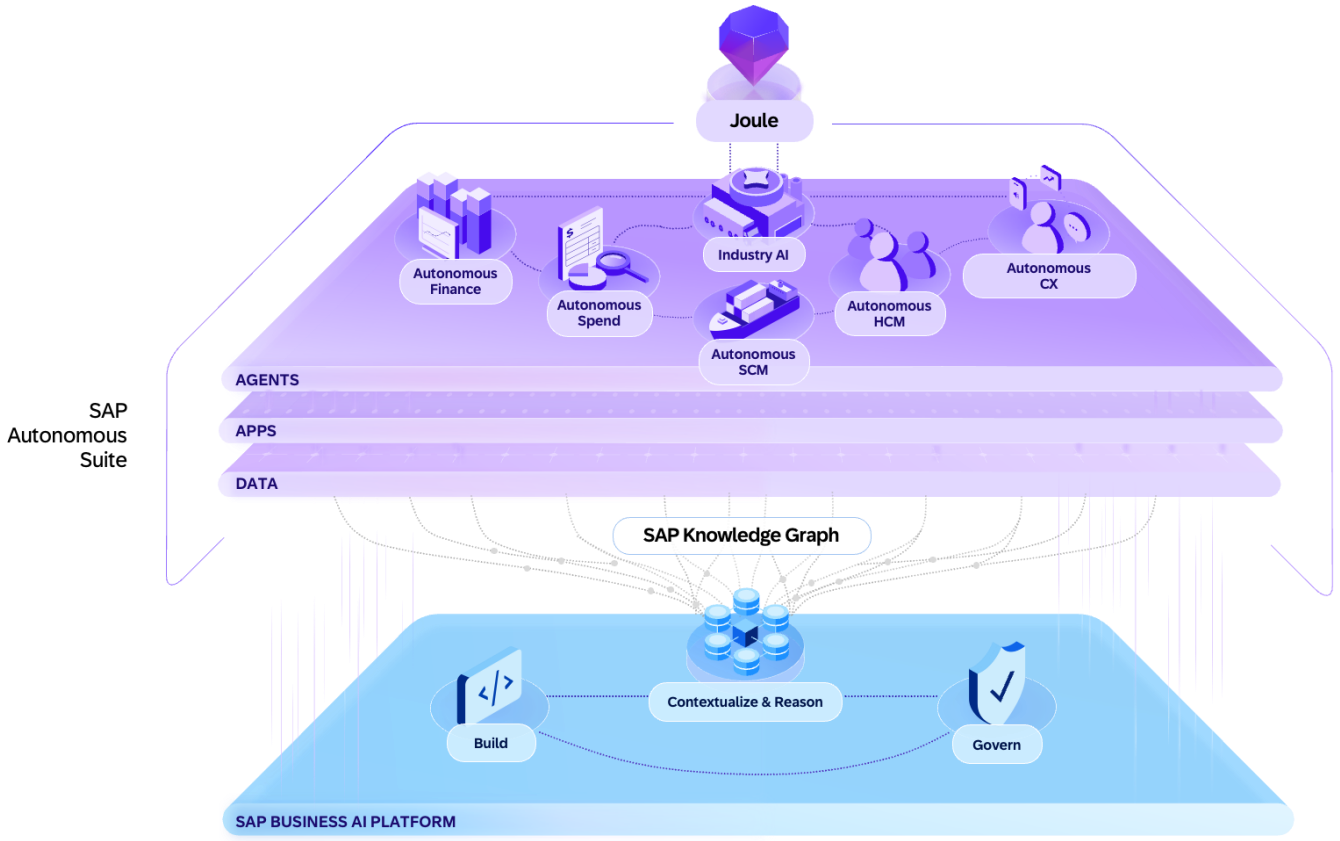
Your business responds before teams convene.

When conditions change, the business acts as one. Agents coordinate across the business in real time. No lag between signal and action.

You move fast because you can trust the system.

Every AI action is governed, auditable, and traceable. Not added later. Built in from the start. Speed and control aren't a tradeoff.

Key elements of the Autonomous Enterprise



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SAP Road Map Explorer

Discover innovations and a dynamic planning horizon to help detail the transformation journey.

SAPPHIRE Innovation guide

Explore SAPPHIRE innovations and further announcements.

Discovery Center

Explore Agents , AI features and more at the Discovery center

The Beginning of Better.

Welcome to the Autonomous Enterprise.