

RISE with SAP

Fix the On-Premises ERP Disconnect

A faster, more predictable path to the
Autonomous Enterprise



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How to turn ERP complexity into your next business advantage

Reimagining your ERP doesn't require starting over.

You can build on what already works—your processes, expertise, and operational strength—and connect it to reliable data and enterprise-grade AI. This is the basis for the Autonomous Enterprise, where AI helps people work smarter, automates end-to-end workflows, and keeps the business moving. The result is an ERP that supports faster decisions, more resilience, and greater value every day.

The beginning of a better, modern ERP

Over time, workarounds, disconnected tools, and isolated AI experiments can slow teams down and make innovation harder to sustain. A modern cloud ERP creates the foundation to scale change with greater confidence. It supports continuous improvement, strengthens governance, and helps the business innovate while protecting continuity.

This allows your organization transform into an Autonomous Enterprise, where data moves with business context, AI supports decisions with greater relevance and reliability, and processes progress with speed, intelligence, and simplicity. ERP modernization becomes a way to drive momentum across the enterprise.

Many organizations have gained valuable lessons from past ERP projects, creating a foundation for future transformation. Today, that experience can serve as a practical advantage—supporting a more measured approach built on a clear roadmap, trusted guidance, and a stronger path to business-ready AI.



Why on-premises ERP makes innovation harder to scale

Many organizations try to modernize by layering analytics, automation, and AI onto on-premises ERP environments.

Building the right foundation

As those additions grow, they often create a landscape with more systems, more integrations, and more duplicated data. The result is a business environment where innovation takes more effort to coordinate and scale.

As complexity increases, confidence can decline. Leaders spend more time validating reports. Finance teams devote more energy to reconciliation. Analysts spend valuable time preparing data. IT teams coordinate vendors, interfaces, and exceptions across an expanding technology footprint.

The path forward starts with a foundation that brings applications, data, and AI together. With greater cohesion across the landscape, the business can move faster, act with more confidence, and turn innovation into measurable progress.



The complexity tax keeping businesses stuck

Beneath the day-to-day demands of on-premises ERP, complexity accumulates over time.

Complexity signals a need to transform

Manual work, technical debt, fragmented data, and operational overhead drain IT resources that should be driving progress.

>>> Processes

Teams move quickly within their own lanes, but stall at the intersections. Workflows could be streamlined, yet handoffs remain clunky and manual without integration and shared data.

🔧 Applications

Years of customization can slow upgrades and limit flexibility. Capabilities that were once tailored to the business can become harder to maintain as requirements evolve.

🔗 Integration

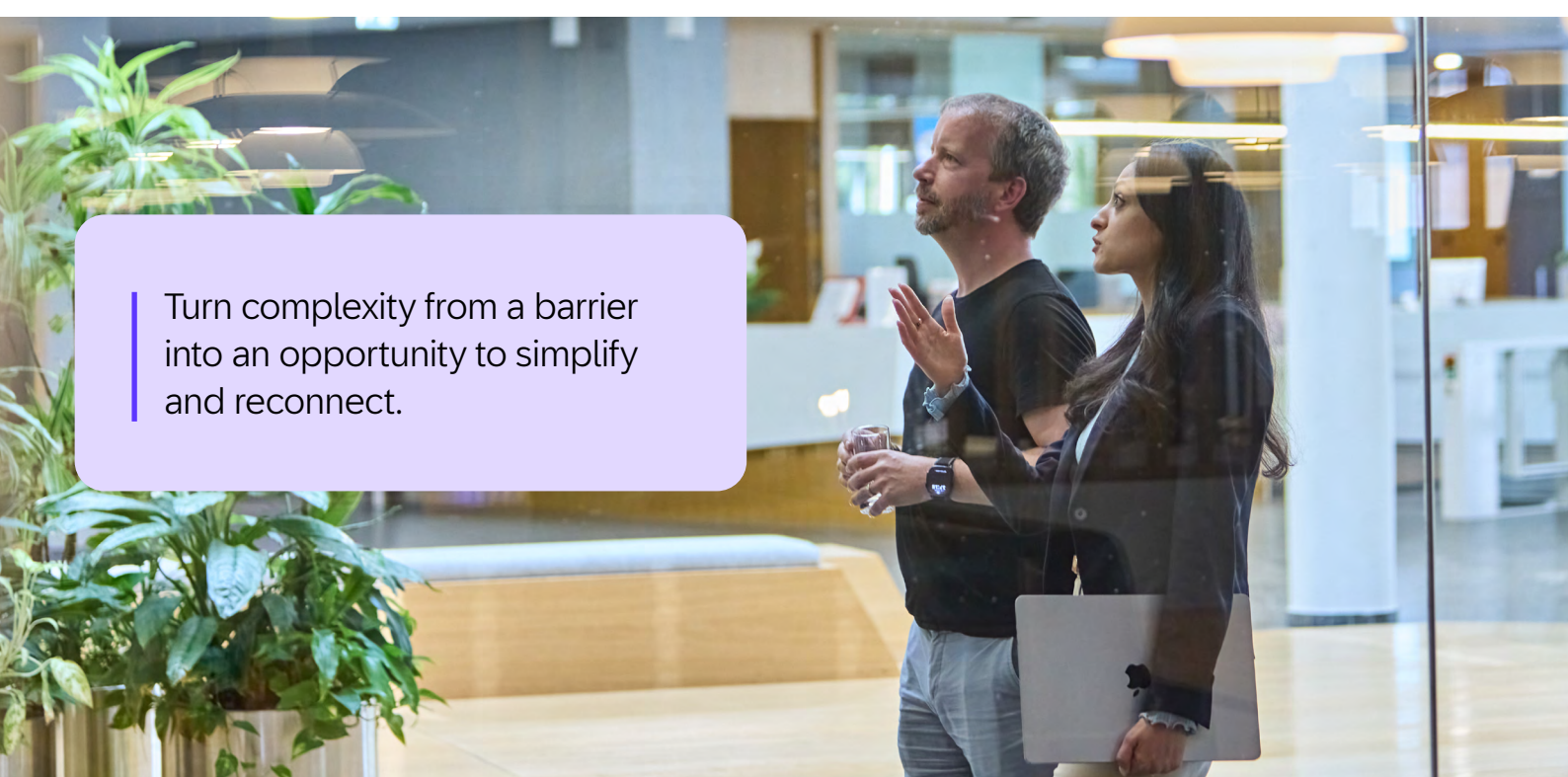
Point-to-point connections multiply into fragile webs that are too slow to adapt and too costly to maintain. Each change can introduce additional time, cost, and risk.

🗄️ Data

Silos scatter information across the business. Analysts spend more time preparing and reconciling data than using it, while business leaders work to align competing versions.

🏢 Operations

Whether housed in a data center or hosted through a hyperscaler in an infrastructure-as-a-service (IaaS) model, on-premises ERP systems require ongoing maintenance, from hardware management to software patches and downtime. IT teams often carry the weight of that operational burden alongside strategic priorities.



Turn complexity from a barrier into an opportunity to simplify and reconnect.

An ecosystem built for momentum

Momentum grows when ERP, data, and AI reinforce one another.

The cure for ERP disconnection

The journey to becoming an Autonomous Enterprise isn't about adding more tools, but unifying what you already have. That's the role of SAP Cloud ERP Private and RISE with SAP. Together, they provide a faster, more predictable path from on-premises ERP to a modern cloud foundation built for innovation.

When applications, data, and AI work together and reinforce each other:

Applications manage the core business processes that generate operational insight.

Data becomes more trusted and useful when it's connected, governed, and understood in the context of your business.

AI turns data into insights and recommendations, automation, and actions that help people work more effectively and help the business respond more quickly.

The result is a connected operating model where each layer strengthens the next. As applications, data, and AI work together, organizations gain efficiency, improve decision-making, and create a stronger foundation for continuous progress.



Systems that evolve with your business

ERP has supported mission-critical operations for decades. And now it's even more important.

Today's ERP environment calls for adaptability, continuous innovation, and user experiences that feel intuitive in the flow of work.

SAP Cloud ERP Private supports those needs with a cloud ecosystem designed for depth, control, and reliability. Innovation can be delivered more continuously, best practices can evolve as requirements change, and extensibility can help organizations maintain a clean core while adapting to business-specific needs. That reduces technical debt and helps IT focus more time on strategic priorities.

These capabilities also support more connected business execution. Processes and data flow across functions with greater consistency. This helps finance, supply chain, procurement, and customer-facing teams act on timely information and stay aligned around shared outcomes.



Modern and adaptable applications turn silos into a single source of truth and build momentum.

Establish a trusted data foundation across the enterprise

Having relevant, reliable, business-ready data is essential to transformation.

Trusted data is the fuel every organization needs. Yet for most, it's still out of reach. Only one-third of business leaders say they truly trust their data because they spend too much effort reconciling, duplicating, and rebuilding it before it can be used.¹

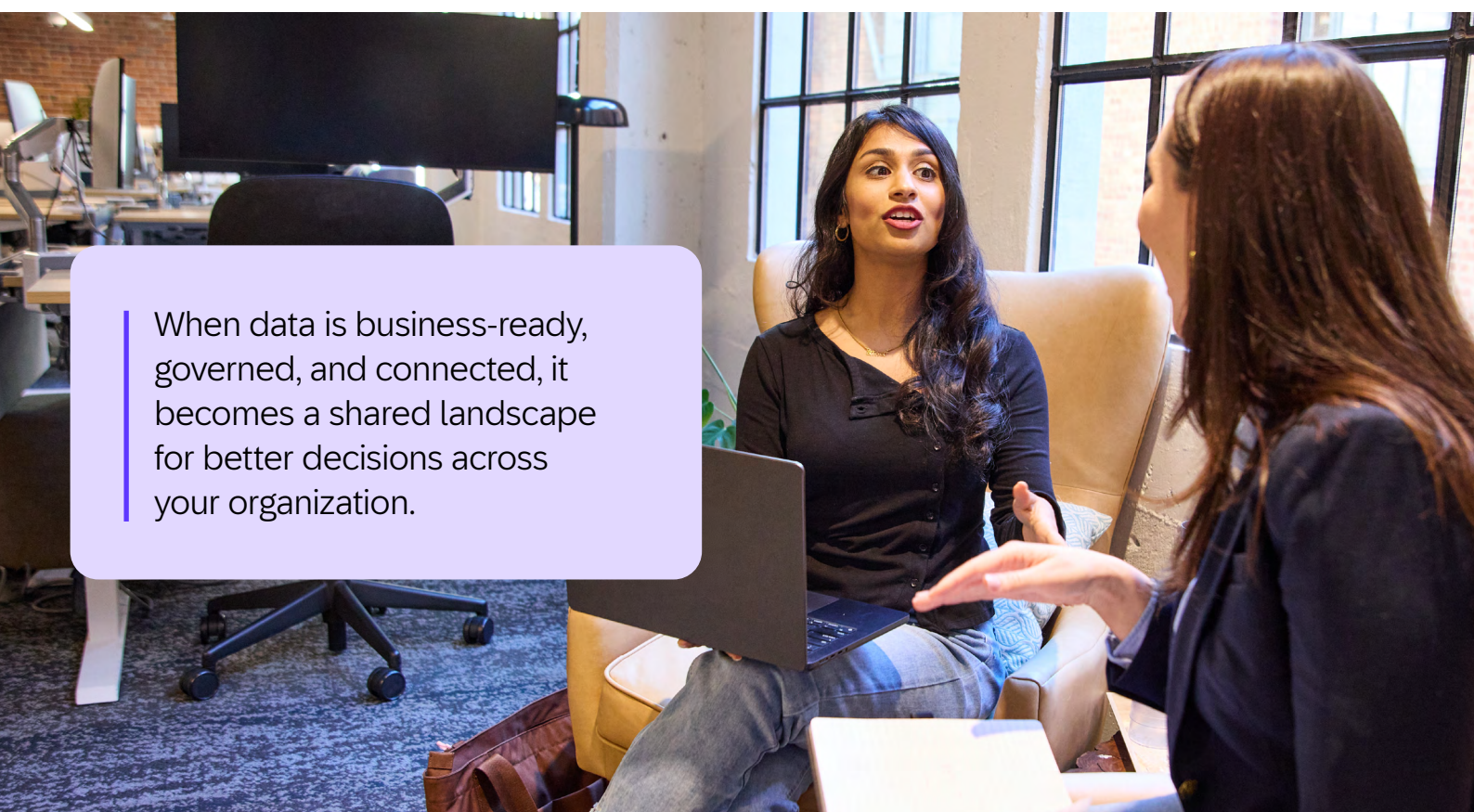
SAP Business Data Cloud helps lay the groundwork for reliable data across your organization, supporting:

- **Federated access** across systems.
- **Harmonized models** that preserve business context.
- **Governance** that keeps data consistent and compliant.

Prebuilt data products aligned to business processes within SAP Cloud ERP Private accelerate your organization's access to reliable, ready-to-use insights. This allows analysts to focus more on insight, leaders to act with greater confidence, and business users to access relevant data when they need it. The base also supports intelligent applications that use unified semantic models and curated data products to understand business context and help users take informed action.

Working capital insights is one example of intelligent applications available for SAP Cloud ERP Private. It brings together data products from the cloud ERP and stories from SAP Analytics Cloud, with AI infused throughout to help surface deeper and more actionable insight.

1. [“The Trust Factor: Data, Resilience, and Innovation,”](#) SAP, 2025.



When data is business-ready, governed, and connected, it becomes a shared landscape for better decisions across your organization.

AI that delivers meaningful outcomes in the flow of work

AI creates the greatest value when it's grounded in reliable data and embedded in business processes.

From experimentation to real impact

SAP Business AI capability can help organizations move from experimentation to enterprise-wide impact across SAP Cloud ERP Private and the broader SAP solution landscape.

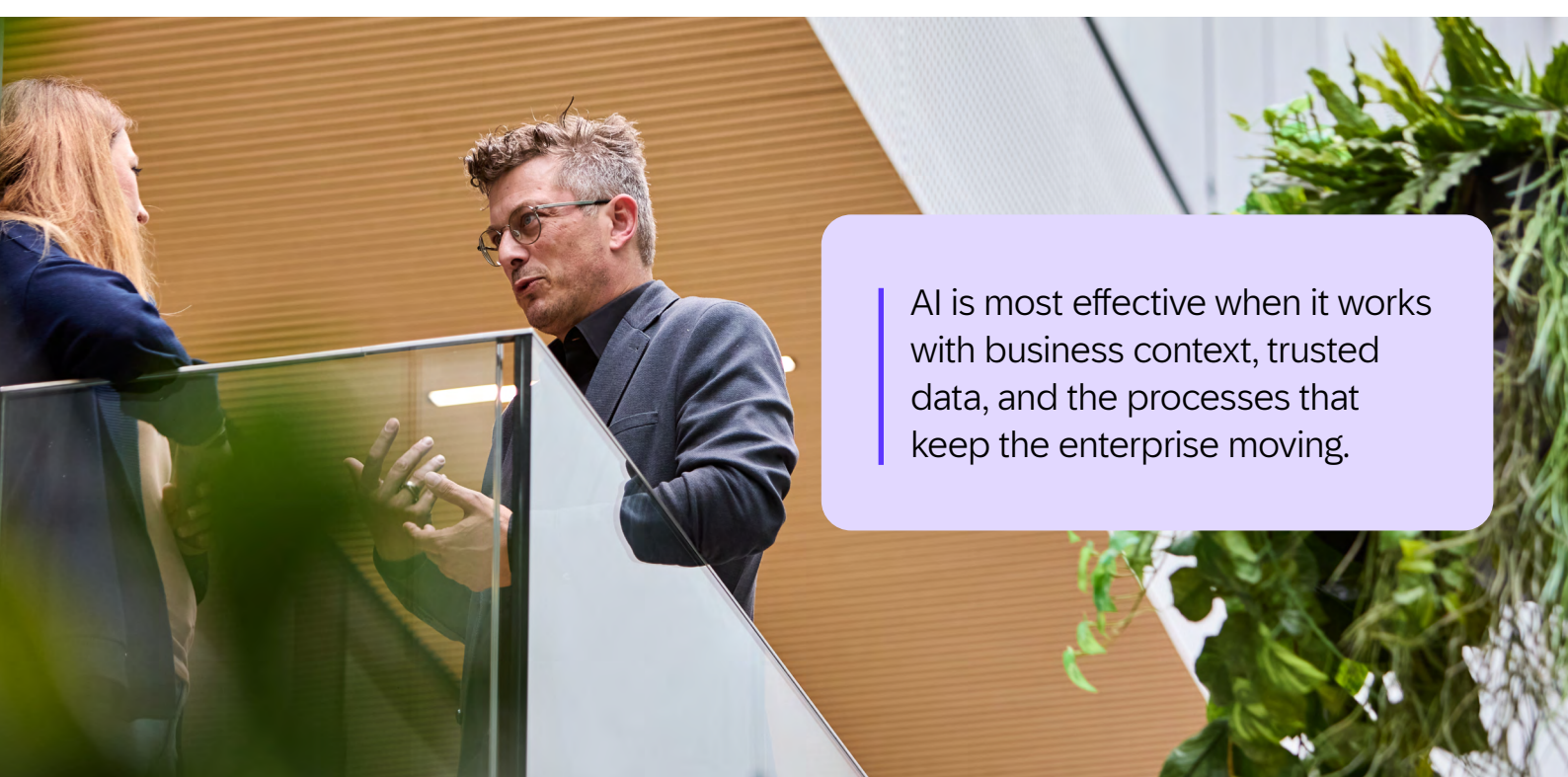
It includes embedded AI use cases built directly into business processes, Joule Assistants that simplify work through natural language, and Joule Agents that help users get work done. Together, these AI tools weave intelligence smoothly into the applications people rely on every day.

Across the business, AI translates into tangible outcomes such as:

- **Predictive planning** that helps finance anticipate outcomes with confidence.
- **Guided selling** that equips sales teams with the next best action.
- **Process automation** that eliminates repetitive tasks.
- **Anomaly detection** that flags issues before they become disruptions.

Since SAP Business AI is integrated with SAP Cloud ERP Private, SAP applications, and the SAP data layer, insights carry the business context needed to support relevant, reliable action.

This is also where the journey accelerates. RISE with SAP supports an agent-led transformation approach by embedding intelligence into the transformation process itself.



AI is most effective when it works with business context, trusted data, and the processes that keep the enterprise moving.

A guided path to the Autonomous Enterprise begins with RISE with SAP

Modernize your ERP in a structured, practical way to reduce complexity and automate time-intensive tasks.

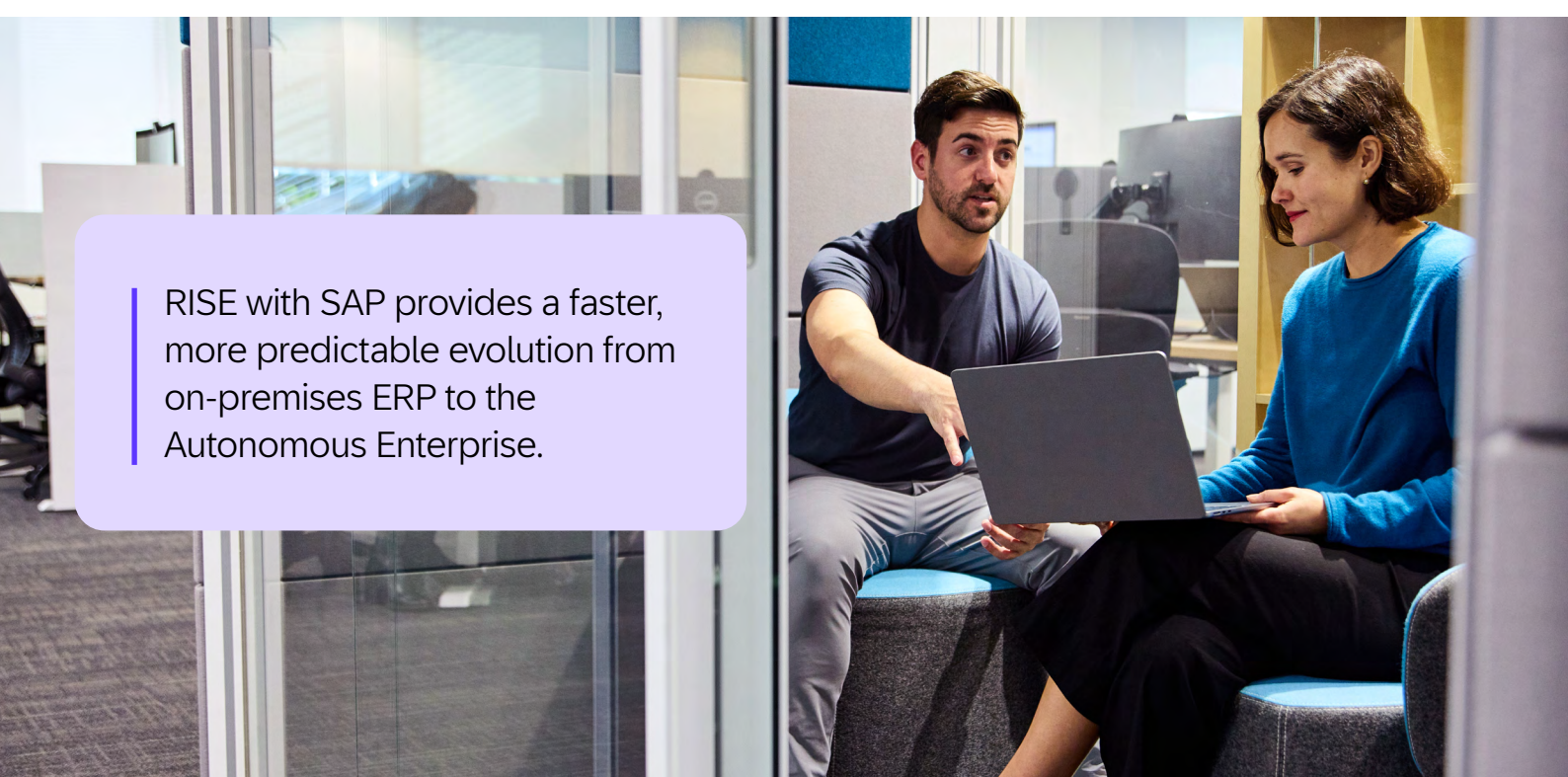
An AI-driven approach to evolving ERP

RISE with SAP helps you move from an on-premises ERP solution to a cloud ERP at your own pace—guided, supported, and secure at every step—while opening access to enterprise-grade AI.

It combines the essentials you need to make the transition real, including:

- **Proven methodology** that breaks the process into manageable steps.
- **Expert guidance** from SAP and its partner ecosystem at every stage.
- **Agent-led toolchain** that accelerates migration and minimizes disruption.
- **SAP-managed cloud operations and security**, so IT focuses on strategy, not upkeep.
- **Flexible deployment models and agent-led transformation** make it easier to align the process with your priorities.

For IT leaders, that means a more tailored workflow, stronger governance, and a cloud operating model supported by SAP. For finance leaders, it means a more predictable path to real-time visibility, automation, compliance support, and faster access to meaningful insight. Across the organization, it means progress that feels manageable, guided, and connected to business outcomes.



RISE with SAP provides a faster, more predictable evolution from on-premises ERP to the Autonomous Enterprise.

Your next step to a future-ready foundation

Businesses don't have to stop at every floor on their way to the top.

Progress depends on momentum

When ERP, reliable data, and embedded AI work together in a modern cloud environment, organizations can move with more speed, confidence, and resilience.

SAP Cloud ERP Private provides the groundwork to scale enterprise-grade agentic AI in an ecosystem designed for depth, control, and reliability. RISE with SAP guides organizations on the journey so they can modernize ERP, strengthen operations, and achieve faster AI value across the business.

See the full story in action

Watch the webcast:

[Rise Into the Future: Managed Cloud Services and Security in RISE with SAP.](#)

