



PUBLIC  
RISE with SAP

# Fix the on-premises ERP disconnect

A business suite approach to faster, smarter,  
and simpler operations

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# How to turn ERP complexity into your next business advantage

ERP upgrades have made bold promises—and delivered delays, overruns, and underwhelming results, too. It's no wonder using an ERP that's “stable enough” feels safer than going through it again. But instead of holding you back, that caution can be the spark your organization needs to think about what's possible when your **ERP solution, data, and AI work together** as one.

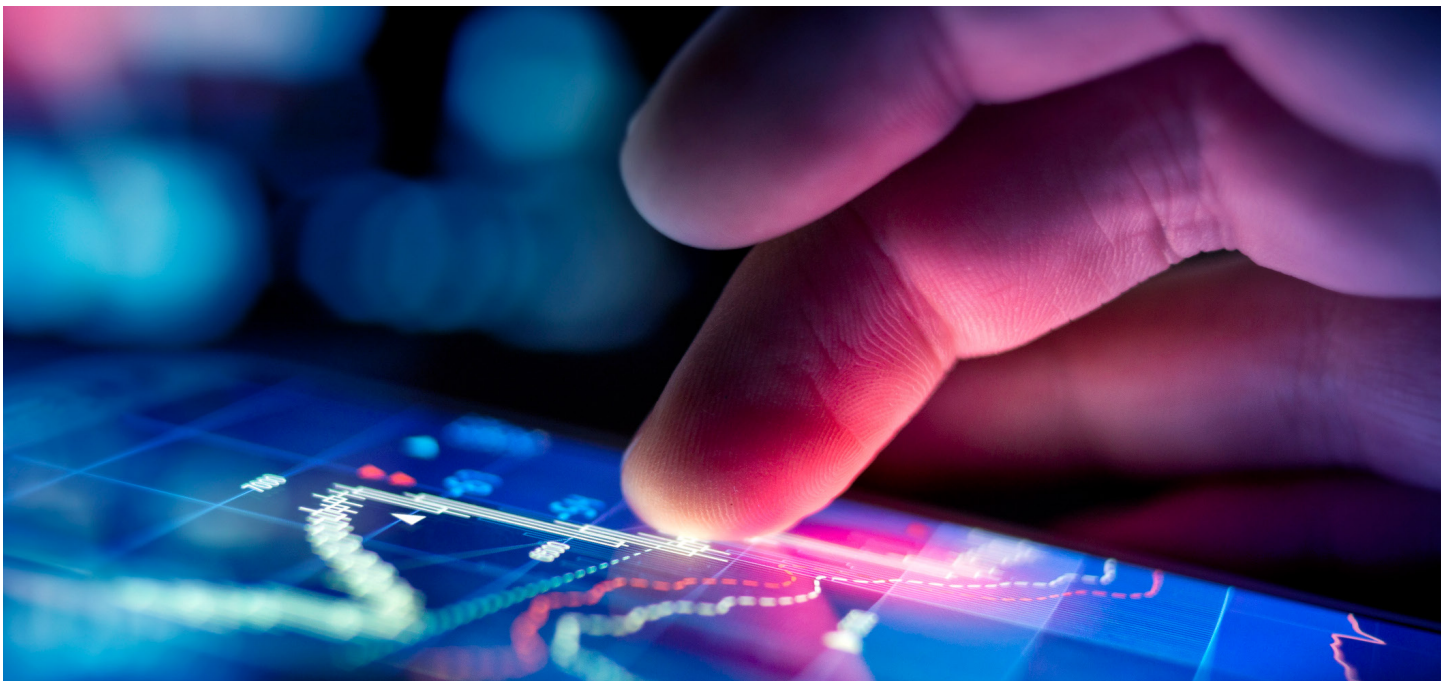
## A new chapter for your ERP story

Reimagining your ERP solution doesn't mean throwing away what you've already built. It's an opportunity to connect the strengths of your ERP—the processes, stability, and knowledge—with trusted data and intelligence. And when those pieces work together, you gain a digital foundation that delivers more value to your business, your partners, and your customers.

Every internal workaround or AI experiment with your legacy ERP solution can drag down your

teams' speed and effectiveness. Yet, a modern cloud ERP makes those efforts more sustainable, more scalable, and easier to manage. Doing so creates room for improvements and innovations without risking your company's continuity.

This is the beginning of a new chapter, where your system of record evolves into a system of insight and action. Data flows in context, AI acts with confidence, and processes move faster, smarter, and simpler so your business can stay resilient and ready to handle what's next.



## The risk of chasing innovation with an on-premises ERP solution

In the race to move faster, many organizations stack tools, data, and automation on top of on-premises ERP. But the result is fragmentation, not transformation. Systems multiply, data splinters, and even AI insights lose context.

What looks like momentum can quickly turn into duplication, delays, and distrust. Leaders question reports instead of acting on them. Finance spends more time reconciling than planning, while analysts clean data rather than modeling outcomes. Even IT end up juggling vendors more often than driving strategy.

The real challenge isn't speed.  
It's the lack of cohesion.

The path forward is about building a foundation where processes, data, and intelligence move together—so speed compounds instead of stalls.



# The complexity tax keeping businesses stuck

Beneath the daily grind of on-premises ERP lies a hidden tax: complexity. Over time, layers of manual work, technical debt, and risk have built up—quietly draining 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 slow upgrades and limit flexibility. What once solved unique problems now locks teams into rigid, expensive structures that resist change.



## Integration

Point-to-point connections multiply into fragile webs that are too slow to adapt and too costly to maintain. Every new system adds another layer of overhead instead of agility.



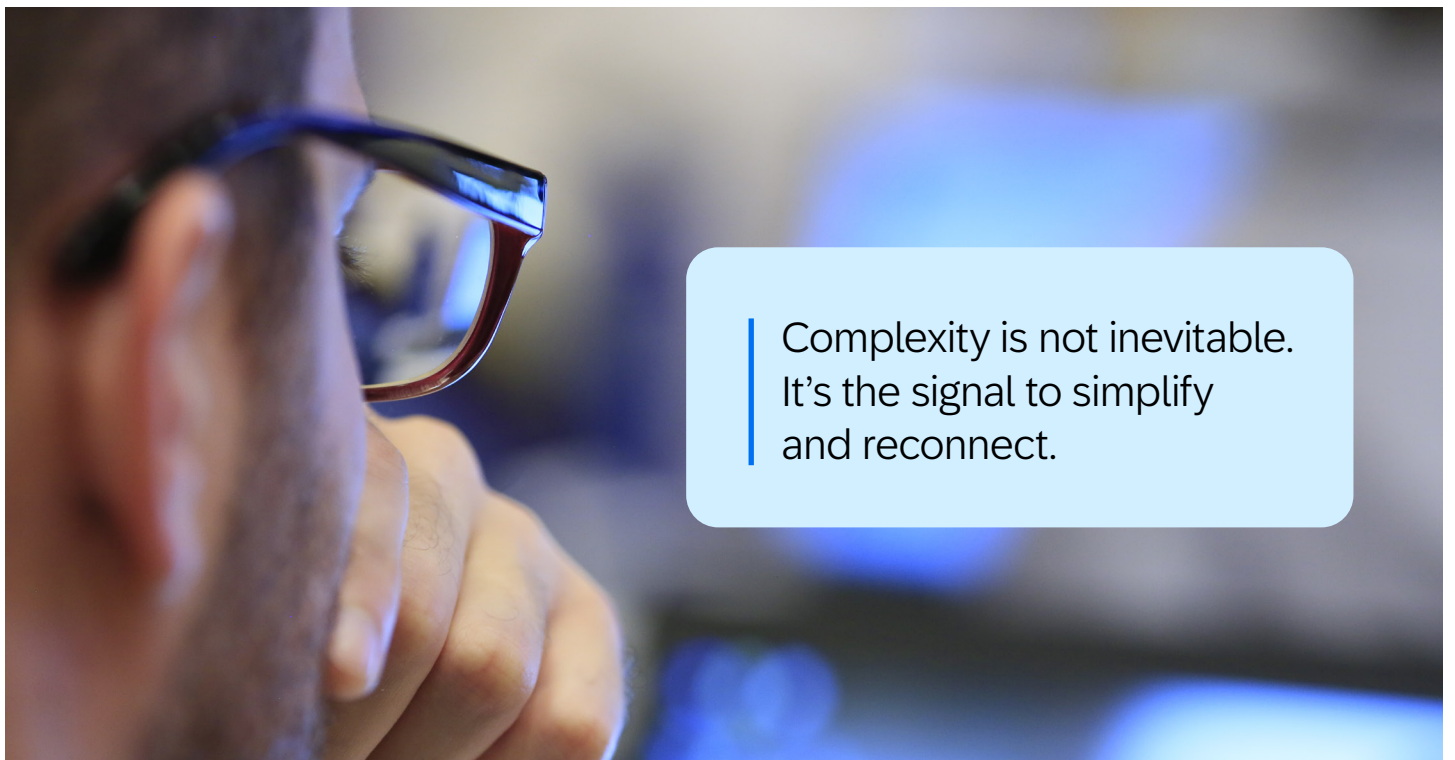
## Data

Silos scatter information across the business. Analysts spend more time preparing and reconciling data than using it, while leaders lose confidence when reports conflict.



## 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. This constant upkeep often strains IT teams and leaves little capacity to focus on strategic initiatives.



Complexity is not inevitable. It's the signal to simplify and reconnect.

## A model built for momentum

The cure for ERP disconnection isn't adding more tools. It's unifying what you already have. That's the principle behind using SAP Cloud ERP Private, as part of SAP Business Suite.

Think about the cloud ERP as a flywheel where applications, data, and AI work together and reinforce each other (see Figure 1):

**Applications** capture daily business processes and generate data that shows how the business runs.

**Data** becomes trusted, contextual, and business-ready when it's no longer scattered or replicated and rebuilt by hand.

**AI** turns data into insights and recommendations and leverages them in the transactions that keep your business moving.

As momentum builds, businesses run faster and gain more value, as operations become more efficient, more connected, and easier to manage.

Over the next three sections, we'll explore each pillar in detail and how they deliver optimal impact when working together.





## Applications that adapt as fast as your business

Traditional ERP solutions have kept businesses running for decades, but today's pace demands more. Systems must evolve quickly, adapt to change, and feel as intuitive as the applications people use every day.

SAP Cloud ERP Private delivers on that need with a modular, cloud-based foundation. Updates roll out continuously, and best practices improve as requirements change and technologies advance. Customizations also evolve into extensions that reduce technical debt, freeing IT to focus on progress.

Equally important, the cloud ERP creates a digital foundation that connects processes and data within each application while a data fabric unifies it all across the business. From finance and the supply chain to customer engagement, information flows where it's needed, turning insights into action and keeping the business moving as one.

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





# An intelligent data fabric that connects your entire business

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 too much effort is spent reconciling, duplicating, and rebuilding it before it can be used.<sup>1</sup>

The SAP Business Data Cloud solution changes this reality by creating a trusted data foundation that spans your business applications. Acting as a business data fabric, the solution provides:



**Federated** access across systems



**Harmonized models** that preserve business context



**Governance** that keeps data consistent and compliant

Prebuilt data products aligned with business processes within SAP Cloud ERP Private accelerate access to trusted, ready-to-use

insights. Analysts spend less time preparing data and more time turning it into insight. Leaders can act with confidence instead of questioning conflicting reports. And business users across functions gain access to the trusted data they need, right when they need it.

That same foundation also supports a new generation of intelligent applications. SAP Business Data Cloud Intelligent Applications are a collection of prebuilt solutions based on unified semantic models and data products curated by SAP solutions. The intelligent applications learn from data, understand business context, and act to support users

Working capital insights is one example of intelligent applications available for SAP Cloud ERP Private. It includes 35 data products from the cloud ERP and multiple stories from the SAP Analytics Cloud solution. AI is infused throughout the intelligent application to deliver even deeper and more actionable insights.



With a trusted foundation, data shifts from friction to a shared truth that drives confident action.

**Footnote**

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



# AI that delivers meaningful results with trusted data built in

On its own, AI can dazzle in demos but often fails to deliver lasting value. The real impact comes when intelligence is embedded into business processes and fueled by trusted data.

AI is most powerful when it's in the flow of work, turning data into decisions and decisions into action.

The SAP Business AI capability brings that vision to life across SAP Cloud ERP Private and the broader SAP solution landscape. It includes embedded AI use cases built directly into business processes, the Joule copilot digital assistant that simplify work through natural language, and Joule Agents that help users to 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 natively integrated with the SAP Cloud ERP Private, SAP applications, and the SAP data layer, insight is grounded in trusted, real-time information, not stitched together from disconnected systems. That means AI not only explains what happened but helps shape what happens next with the context and confidence that come from a unified data foundation.





## Your guided path to the future begins with RISE with SAP

Modernizing your ERP solution doesn't have to mean a risky "big bang" approach. With the RISE with SAP journey, you can move from an on-premises ERP solution to a cloud ERP at your own pace—guided, supported, and secure at every step.

RISE with SAP is more than a move to the cloud. It's a guided path that reduces risk and builds confidence.

RISE with SAP combines the essentials you need to make the transition real, including:



**Proven methodology** that breaks the journey into manageable steps



**Expert guidance** from SAP and its partner ecosystem at every stage



**Integrated toolchain** that accelerates migration and minimizes disruption



**SAP-managed cloud operations and security**, so IT focuses on strategy, not upkeep



**Flexible deployment models** and transformation incentives that make it easier to align the journey with your priorities

The result is momentum without disruption. You keep what works, evolve what's needed, and gain a cloud foundation ready to support innovation for years to come.



## Your next step to a future-ready foundation

Businesses can't afford to stop at every floor to reach the top. Yet that's what using a on-premises ERP solution often feels like an elevator that stops at every level, slowing progress and draining momentum.

With SAP Cloud ERP Private as your foundation, you unlock the express route, where applications, trusted data, and embedded AI work together to move your business forward quickly and with confidence. Each part reinforces the other to turn every step into continuous momentum toward compounding progress, not one-off gains.



### See the full story in action

Watch the webcast [“Rise into the Future: Managed cloud services and security in RISE with SAP”](#)