

Collaborating for your success

How SAP and Microsoft are working
together to accelerate customer
innovation and business transformation



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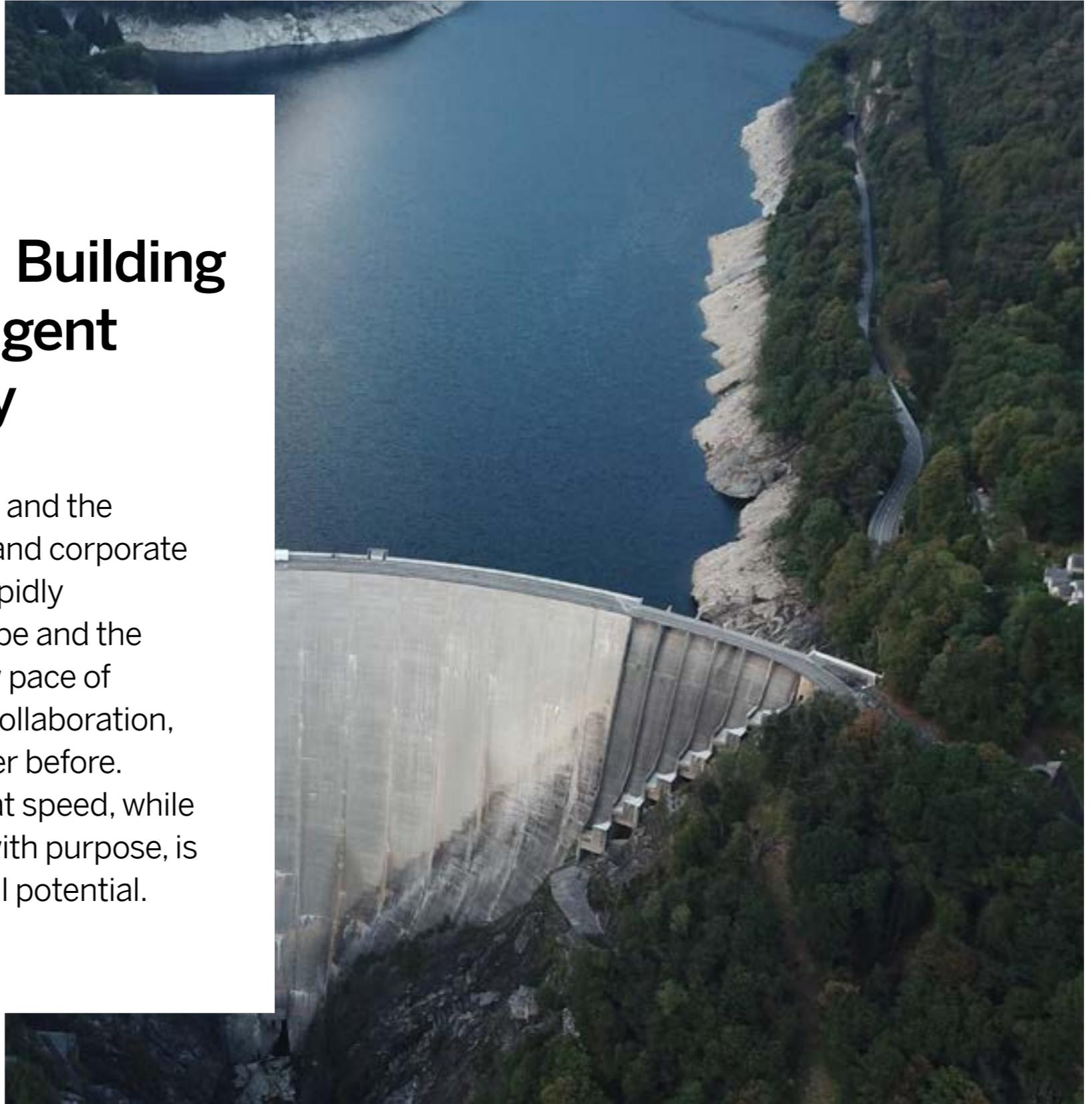
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1

SAP and Microsoft: Building a sustainable intelligent enterprise your way

Globalization, digital advancement, and the adoption of environmental, social, and corporate governance (ESG) principles are rapidly transforming the business landscape and the economy. Keeping up with this new pace of change requires greater business collaboration, adaptability, and resilience than ever before. Embracing technology innovation at speed, while ensuring long-term sustainability with purpose, is key to your business realizing its full potential.



SAP and Microsoft are leaders in enterprise application software and application management for the cloud. We empower every person and every organization throughout the world to run better and achieve more in an ever-changing business climate and global economy. Together, we provide an extensive support ecosystem and a variety of flexible options to scale and advance cloud integration projects that:

- 01 Unify business processes, surface real-time insights, and accelerate the migration** of the SAP S/4HANA cloud-based enterprise resource planning (ERP) platform through RISE with SAP on the Microsoft Cloud
- 02 Drive innovation, automation, and industry leading security** by advancing integration of SAP Business Technology Platform and Microsoft Cloud capabilities
- 03 Enrich productivity, collaboration, and communications** company-wide through seamless connectivity among Microsoft Teams, Office 365, and SAP business applications

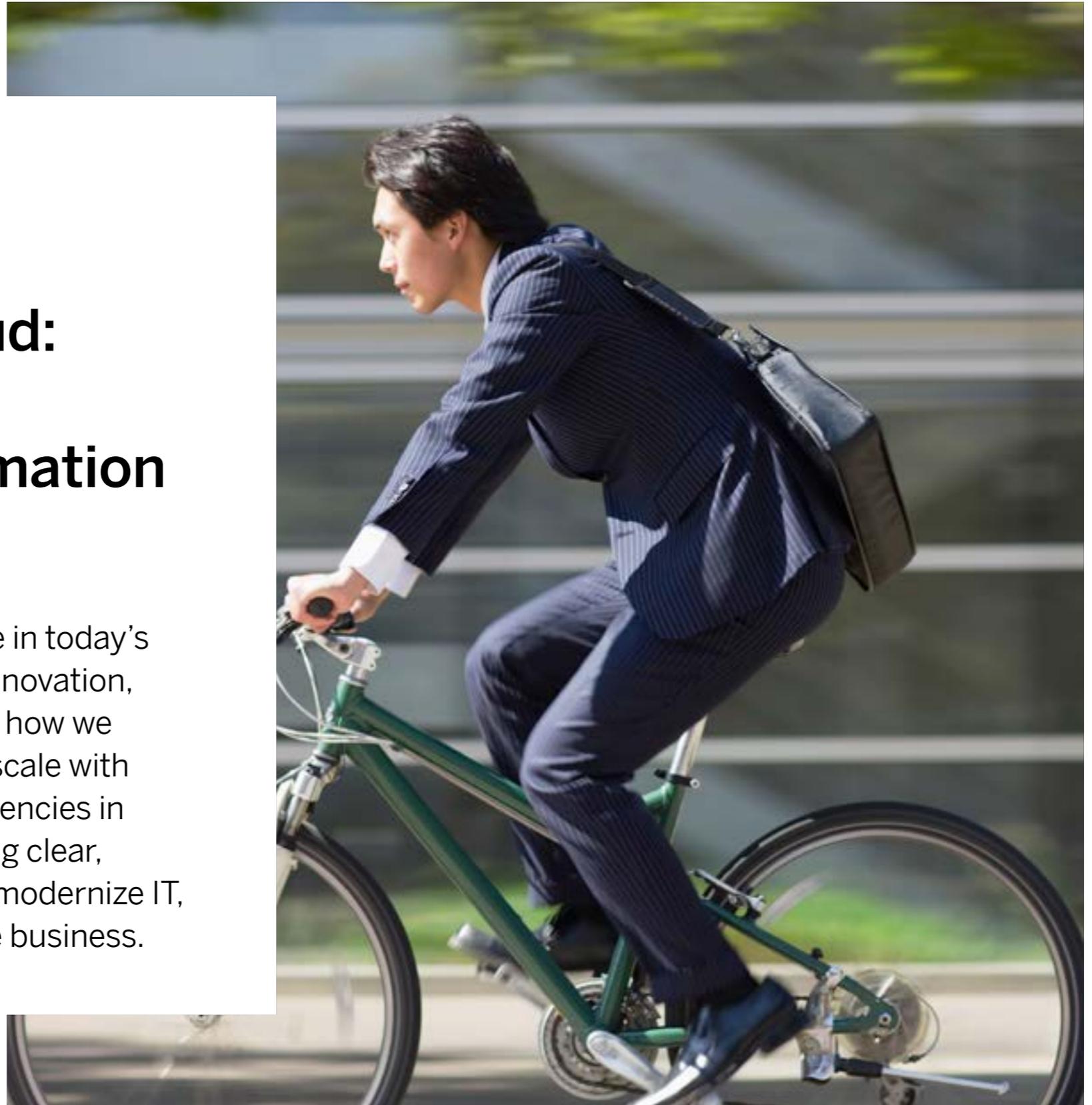


This e-book discusses how SAP and Microsoft simplify, streamline, and accelerate the customer journey to the cloud. It showcases how to transform your business through innovation and the development of a seamless, intelligent enterprise that is sustainable, secure, and compliant. With a strong focus on corporate sustainability, you have our ongoing commitment to ensure you scale reliably, maximize productivity, and deliver the best people experiences possible – all while keeping the pursuit of an ethical future at the top of mind.

2

RISE with SAP on the Microsoft Cloud: Accelerating your business transformation and innovation

Staying competitive and profitable in today's economic environment requires innovation, agility, and the ability to transform how we work, collaborate, and interact at scale with confidence. Doing so creates efficiencies in current operations while identifying clear, intelligent paths to drive revenue, modernize IT, and continuously grow your future business.



RISE with SAP on the Microsoft Cloud is a comprehensive solution to advance business innovation and optimization at speed and with minimal risk. It combines service-level agreements, cloud operations, and technical support to digitally transform your business into an intelligent, sustainable enterprise.

RISE with SAP as a solution to drive business innovation

Cloud ERP

With SAP S/4HANA Cloud, you can run at your best with cloud ERP for every business need.

Outcome-driven services and tools

Benefit from a guided journey and outcome-driven practices from our partners and SAP.

Business networks

Using the SAP Business Network starter pack for SAP S/4HANA, you can expand digital collaboration with trading partners across the SAP Business Network.



Business process intelligence

Use the business process intelligence starter pack for RISE with SAP to continuously understand, innovate, and transform business processes.

Business platform and analytics

SAP Business Technology Platform (SAP BTP) brings together data management, analytics, artificial intelligence, application development, automation, and integration in one unified environment.

RISE with SAP on the Microsoft Cloud takes much of the guesswork out of enterprise planning, presenting an accelerated migration path to cloud-based ERP software such as SAP S/4HANA Cloud. It combines a secure and scalable cloud architecture with a collection of collaborative applications, tools, and services that include:

- ✓ Cloud ERP solutions for every business need
- ✓ Industry best practices and extensibility
- ✓ Continuous business process intelligence
- ✓ Data integration and management, analytics, and AI-driven recommendations
- ✓ Shared technology innovations and outcome-driven services from SAP, Microsoft, and our partners

Solution capabilities are unlocked on your own terms and timeline, offering the flexibility to choose what you require for your unique business transformation.

Rising together

Microsoft's agility, best practices, and expertise continue to grow through its own internal adoption of RISE with SAP. The same is true for SAP using the Microsoft Cloud to benefit from its security, flexibility, and scalability.

Together, we offer the global availability, compute power, and knowledgeable support you need to shape your business now and take it wherever you want to go in the future.

 [Read the news release](#)



RISE with SAP on the Microsoft Cloud: A strategic move for the NBA

The National Basketball Association (NBA) chose to migrate its SAP solutions and other IT resources to the Microsoft Cloud and leverage the RISE with SAP offering to facilitate its ongoing cloud evolution.

The NBA has gained flexibility, scalability, and access to a wide range of data and AI services in Azure that will help the league deliver best-in-class fan engagement through secure data consolidation and reduced IT management overhead.



The RISE with SAP bundle is really strategic for the NBA. It's making us much more aware of how to use our Azure cloud environment in ways we hadn't expected. It's pushing us to think outside the box and bring innovation to our business processes."

Puneet Toteja

Senior Director at the National Basketball Association



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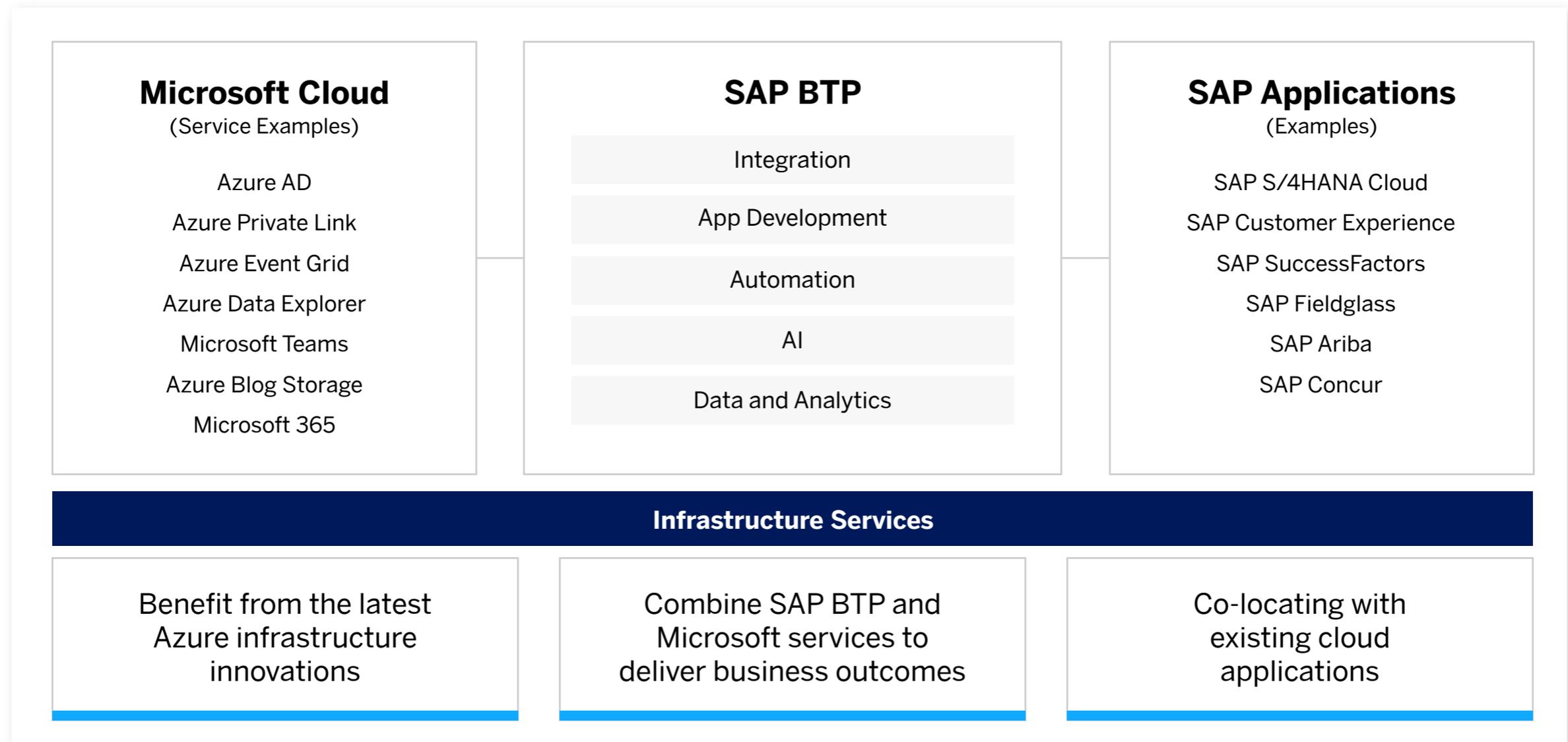
Improving integration, connectivity, and security through technology collaboration

A scalable, integrated, and secure technology foundation is the cornerstone of an adaptive and thriving business. A Joint Reference Architecture that combines SAP Business Technology Platform (SAP BTP) and the Microsoft Cloud puts you on the fast-track to fulfilling your business goals in a sustainable way.



SAP BTP and the Microsoft Cloud's Joint Reference Architecture: Guiding and supporting the “how” of your transformation journey

You can move with confidence to RISE with SAP on the Microsoft Cloud with our Joint Reference Architectures. Reduce the complexity and risk associated with business transformation while leveraging the integrated capabilities and longstanding partnership of SAP and Microsoft.





Use cases include:

Enhanced collaboration and employee productivity: Increase employee productivity by incorporating the collaboration experience of Microsoft Teams into SAP business processes. Ensure seamless connectivity through eventing and security compliance using principal propagation.

Integrated production events to enrich business operations and decision making: Integrate real-time events generated from industrial production processes in factories, plants, and warehouses into SAP business processes to enrich the outcome of enterprise operations and facilitate rapid decision making.

Unified business data analysis: Combine business critical data from SAP business applications with data from your Azure data services using the data federation capabilities of SAP Data Warehouse Cloud.

[> Learn more about SAP and Microsoft Joint Reference Architectures](#)

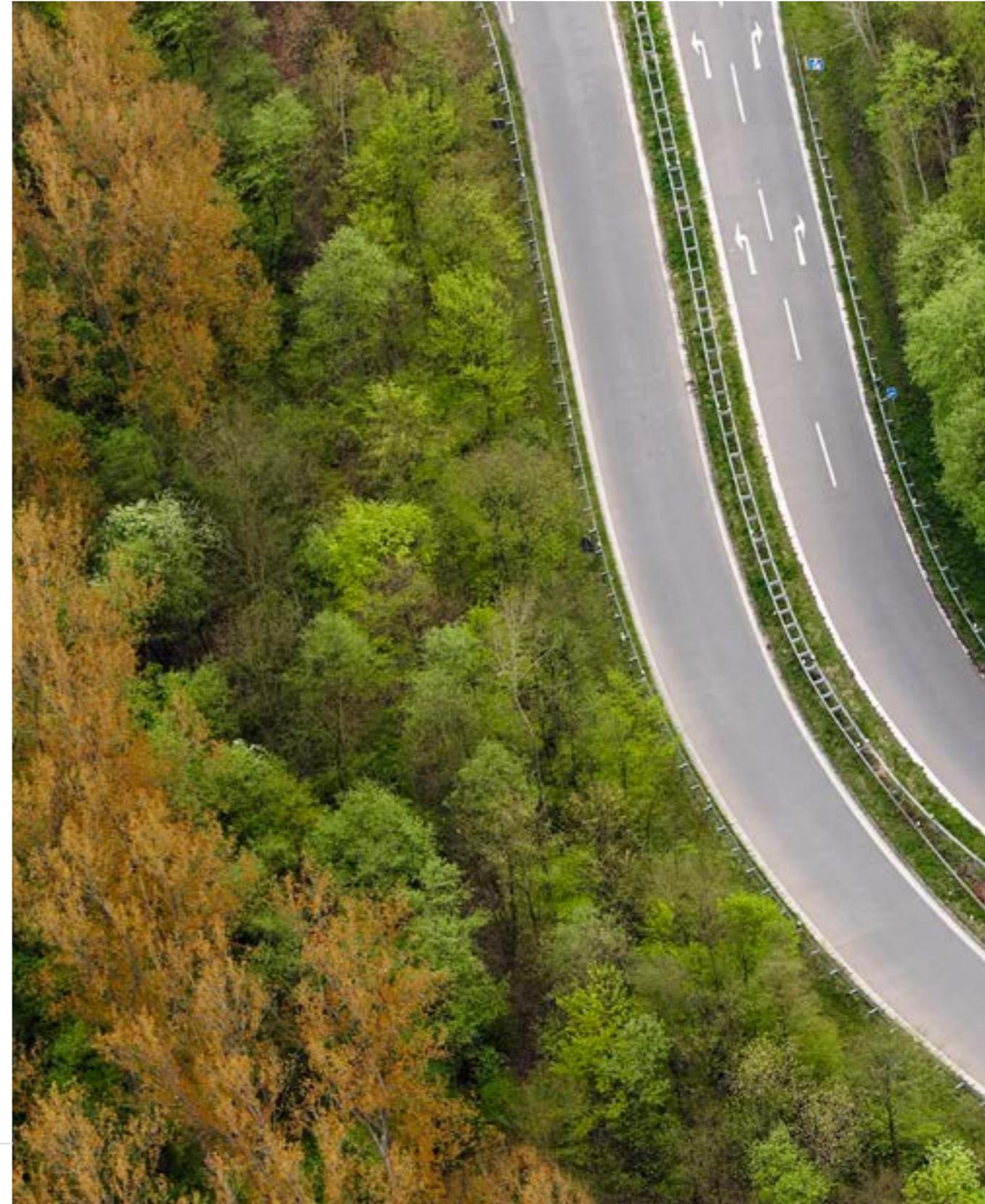
SAP Business Technology Platform: Adopting an innovation platform optimized for SAP applications in the cloud

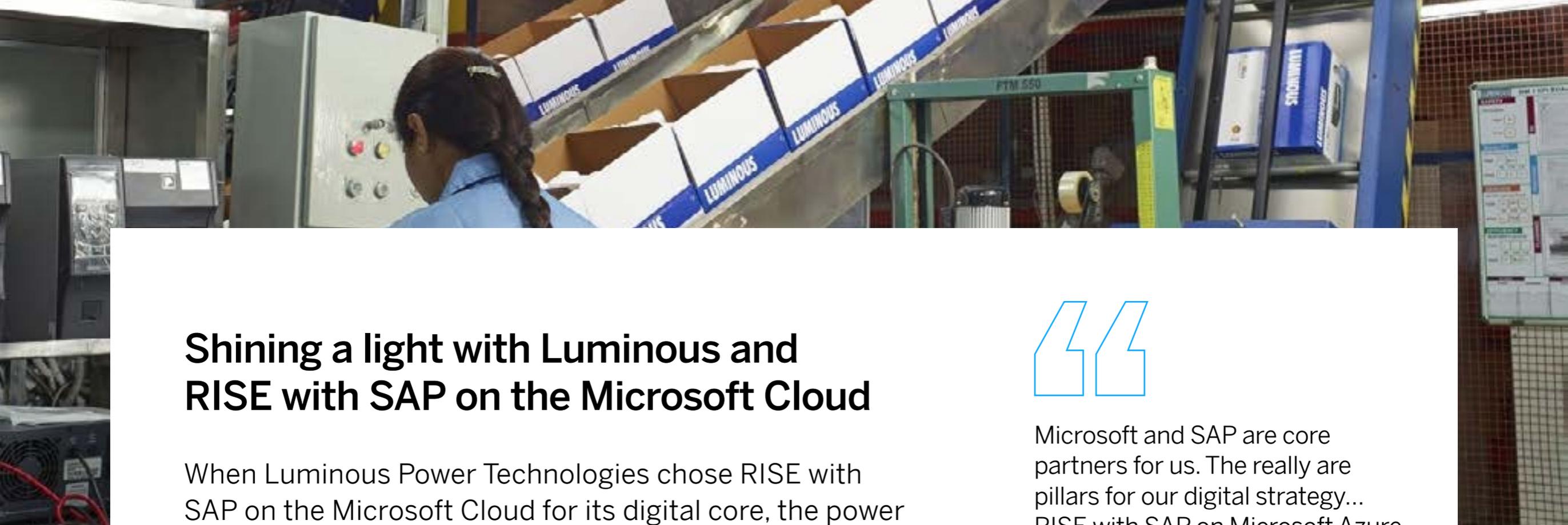
SAP Business Technology Platform unifies application development, data and analytics, integration, automation, and AI capabilities in one environment.

With SAP BTP, developers get what they need to connect, extend, and enrich mission-critical business processes quickly. Business users can automate tasks, create fast, flexible workflows, or personalize interfaces without coding.

Collaborating on the planning and sharing of insights across the business becomes easier with instant access to business-context-rich information from your SAP and third-party systems.

[> Learn more about SAP BTP](#)





Shining a light with Luminous and RISE with SAP on the Microsoft Cloud

When Luminous Power Technologies chose RISE with SAP on the Microsoft Cloud for its digital core, the power back-up and solar space product manufacturer sought to reduce technology complexities and further differentiate its offerings.

Learn about the company's RISE with SAP on the Microsoft Cloud implementation, including its innovative use of SAP BTP to integrate with Microsoft Teams, which helped Luminous achieve greater efficiency for its sales team.



Microsoft and SAP are core partners for us. The really are pillars for our digital strategy... RISE with SAP on Microsoft Azure has really helped us in creating a digital platform where we can innovate, integrate, and extend our capabilities – not only on cloud but on hybrid platforms.”

Chander Khanduja

CIO, Luminous Power Technologies

LUMINOUS

[▶ Watch the video](#) [☰ Read the case study](#)

Carhartt gains real-time visibility into its supply chain with SAP and Microsoft Azure

Global premium workwear company Carhartt uses SAP and Microsoft solutions for its business transformation, including support for its 2,000+ at home employees and real-time visibility into its supply chain.

As part of Carhartt's overall transformation, the company transitioned to SAP S/4HANA on Microsoft Azure – during the pandemic. By using Microsoft Teams, they were able to continue to work on the project, stay on schedule, and keep everyone informed.



Running it on Microsoft Azure provides the velocity, availability, scalability, and elasticity we need for more visibility and better efficiency across our business. The combination of SAP and Microsoft was especially helpful during a challenging time.”

John Hill

CIO & SVP of Business Planning,
Carhartt, Inc



[!\[\]\(2becda4813f27b5edb43f5299d7596ac_img.jpg\) Watch the video](#) [!\[\]\(27c47164d9d3a94dc500b9c58fcf8215_img.jpg\) Read the case study](#)

The security imperative: Building trust through authentication, fraud protection, data privacy, and compliance

When you choose RISE with SAP on the Microsoft Cloud, you gain the benefits of Microsoft's unmatched security, data privacy, and compliance. Microsoft invests over \$1B annually in critical areas such as leading identity and governance services, intelligent threat protection, and over 100 compliance and industry certifications.

Azure Active Directory (Azure AD) is Microsoft's cloud-based identity and access management service for secure single sign-on (SSO) authentication. It integrates with SAP Identity Authentication and securely eliminates the burden of adding user credentials and authentication across multiple applications running in the same intelligent enterprise environment. For example, if you use Microsoft Teams, SAP S/4HANA, and SAP SuccessFactors, data is synchronized across solutions so that user authentication happens only once. Roles, permissions, and groups are safely replicated.

Microsoft Sentinel for SAP is a real-time security information and event management (SIEM) system for protecting critical SAP systems. It continuously monitors trillions of events across SAP and Microsoft solutions, detecting sophisticated threats throughout the business logic and application layers. Microsoft Sentinel for SAP also includes cloud-native security analytics and AI capabilities.

Azure Private Link offers secure private network connectivity between applications running on SAP BTP, Azure native services, and resources running in customers' Microsoft Cloud subscriptions. With Microsoft Cloud's world-class network security options, there is no need to open risky network connections or firewall ports.



Wolverine Worldwide and RISE with SAP on the Microsoft Cloud: Fit for digital transformation

Footwear and apparel company Wolverine Worldwide chose RISE with SAP on the Microsoft Cloud to support growth, simplify business operations, deepen relationships with customers, and empower its staff to focus on brand differentiation with a landscape for tomorrow.

By making RISE with SAP on the Microsoft Cloud a part of its overall data strategy, the company anticipates risks and issues much faster. This improved security and agility enhances the entire customer experience.



Now that we're moving to RISE with SAP on Azure, we bring in external data to drive more predictive analytics to help our teams spend more time making decisions instead of pulling data together."

Dee Slater

Chief Information Officer and Senior Vice President of Supply Chain and Shared Services, Wolverine Worldwide

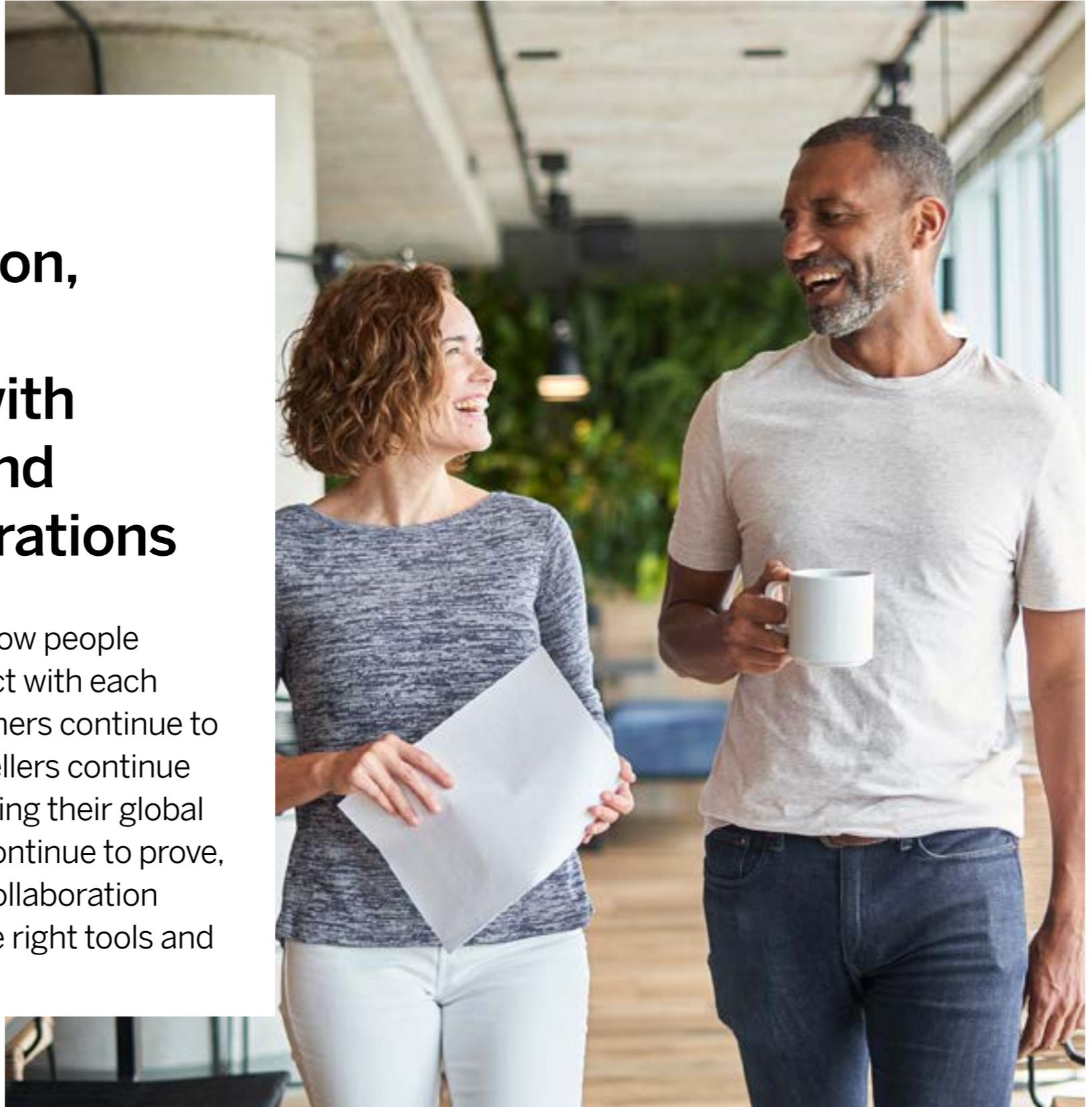


[▶ Watch the video](#) [☰ Read the case study](#)

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Enriching connection, collaboration, and communications with Microsoft Teams and SAP solution integrations

The digital-first culture is altering how people connect, communicate, and interact with each other and with technology. Consumers continue to embrace digital channels, virtual sellers continue to increase profitability while reducing their global carbon footprint, and employees continue to prove, time and time again, that remote collaboration can be masterfully done if given the right tools and trusted platforms.



Collaborating more effectively with business partners

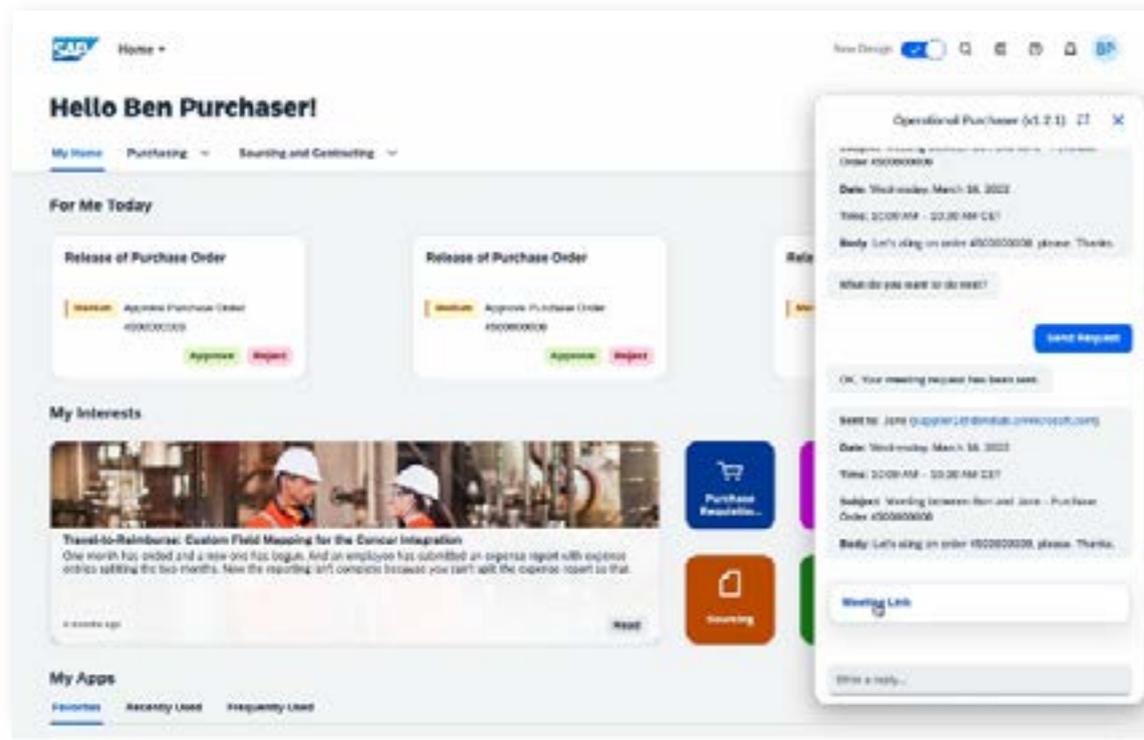
The traditional linear supply chain is evolving into an intelligent and responsive demand and supply network. When disruption occurs or uncertainties arise, business users need real-time synchronization and communication between their product planners, buyers, category managers, and suppliers.

Imagine the scenario: A company's purchasing director using the sourcing and procurement capabilities of SAP S/4HANA Cloud discovers that the raw materials needed to manufacture her company's products are running low. She determines that it is due to a discrepancy in the quantity of goods in the latest purchase order. She doesn't pick up the phone to call her supplier nor does she switch from SAP S/4HANA Cloud to her e-mail system to send them a note.

Instead, she opens a conversational AI chatbot directly from within SAP S/4HANA Cloud, which identifies her supplier contacts and initiates an immediate meeting with them in Microsoft Teams to discuss and ultimately resolve the discrepancy.

With over 280 million active users, Microsoft Teams is one of the most trusted and used applications on desktops and mobile devices today. Integrating Microsoft Teams across the SAP solution portfolio takes reliable connection, collaboration, and communications to the next level.

Microsoft Teams integrations with SAP S/4HANA Cloud, SAP Sales Cloud, and SAP SuccessFactors enhance workplace productivity and collaboration, accelerate sales processes, and strengthen employee engagement – without the need to jump from application to application. In addition to Microsoft Teams, integration with other Microsoft solutions such as Viva and Loop also promote an innovative, modern way of working.



With the option to either initiate a call or schedule a meeting, the purchasing director schedules a meeting in the chat window. The meeting bridge information is automatically inserted in the invitation.

The integration between Microsoft Teams and SAP S/4HANA Cloud enables the purchasing director to manage contracts, respond quickly to changing demands, and address the problem instantly without switching applications or devices.

➤ **Learn more about Operational Purchaser Chatbot for SAP S/4HANA Cloud**



Fostering collaboration and employee engagement

Employee expectations of how, where, and when work gets done are changing. Collaboration can be an especially powerful complement to the employee experience, and Microsoft Teams integrations with SAP SuccessFactors help to foster everything from learning in the flow of work to sharing workspace business information and applications across your organization.

SuccessFactors integrations with Microsoft Teams include:

- + **Microsoft Viva** - Learners view and access their content library from SAP SuccessFactors Learning in the Viva Learning application, using Microsoft Teams to help eliminate barriers to learning.
- + **Virtual Learning System (VLS)** - Administrators assign Microsoft Teams when creating or editing a class. Learners and instructors then launch virtual learning room meetings from their class registration in SAP SuccessFactors Learning or via notification links. Automatic recording of attendance is set up in SAP SuccessFactors Learning for item completion.
- + **SAP Build Work Zone** - Relevant business applications, processes, information, and communications are accessed by users from a unified entry point on any device. By integrating the advanced edition of SAP Build Work Zone with Microsoft Teams, business information and applications added to workspaces are accessed in your site and shared with colleagues in Microsoft Teams.



How Doosan, SAP, and Microsoft co-innovate to create a “Delightful Digital Workplace”

Doosan Corporation opened the lines of communication among its people by creating a new employee experience called “Delightful Digital Workplace”.

Integrating SAP SuccessFactors solutions and Microsoft Teams, the company provides managers and employees with a collaborative application to share ongoing feedback – right in the flow of work.



Through Delightful Digital Workplace, Doosan has had the opportunity to interact with global teams at Microsoft and SAP, and gain confidence working on a global project. And it demonstrated the power of having committed and capable global partners to not only think about co-innovation ideas, but to execute them and make them happen.”

Robert Oh

EVP of Doosan Corporation

DOOSAN

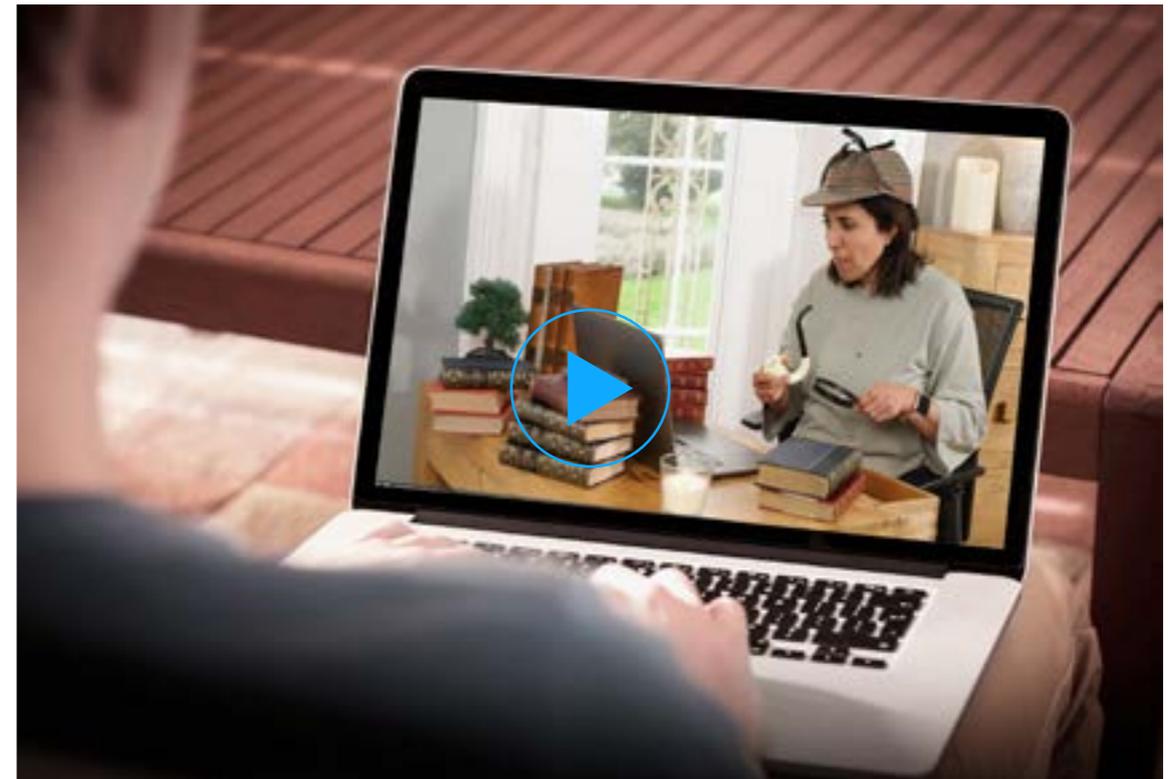
[▶ Watch the video](#) [☰ Read the case study](#)

Improving sales and service engagements with superior digital collaboration

Now more than ever, organizations need to boost the efficiency and productivity of their workforce, uniting physical and digital channels to maximize revenue. Removing barriers for sales and service teams enables them to focus on customer engagement and improve business outcomes.

The integration between the SAP Sales Cloud/SAP Service Cloud solutions and Microsoft Teams provides sales and customer service professionals with everything they need at their fingertips in their daily work processes. Account executives use Microsoft Teams to schedule and launch meetings directly from the SAP Sales Cloud solution. CRM records are automatically updated and every activity is documented in Microsoft Teams. Customer service agents resolve customer issues faster by easily collaborating with the right experts in their organization.

The result is greater speed, productivity, and accuracy. There is no need for account executives or customer service agents to switch between applications and slow the pace of their activity. The faster tempo increases customer satisfaction, with data instantly updated in Microsoft Teams to reflect each activity.



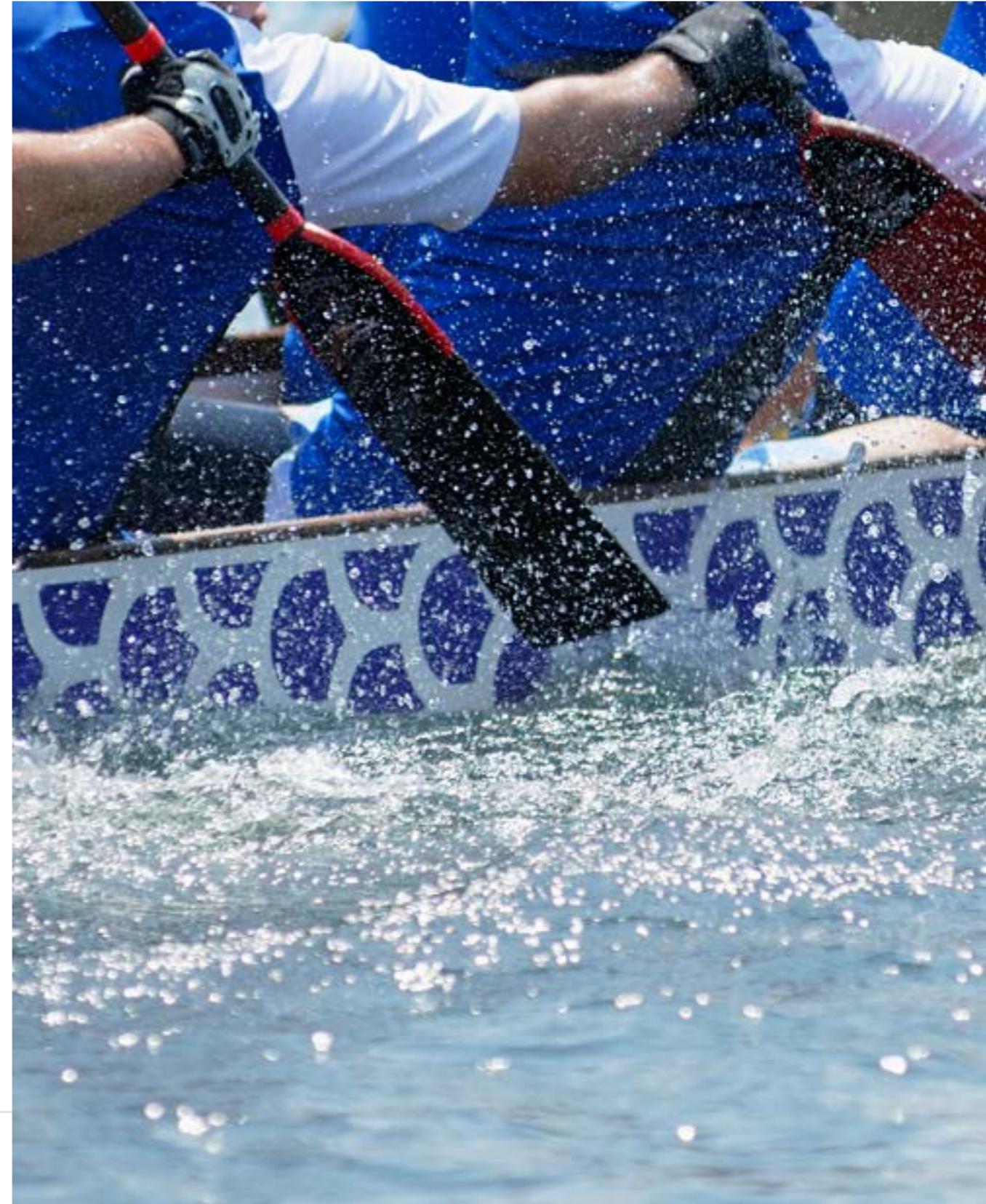
➤ **Watch the “SAP Sales Cloud + Microsoft Teams = Smarter Selling” video**

Aligning a connected culture with a user-friendly, collaborative ERP experience

SAP and Microsoft enable a collaborative ERP experience that accelerates the decision making of thousands of users across an organization. By minimizing context switching between different applications – for example, downloading reports in Microsoft Excel and sending them around via mail – you will get more done in less time and with fewer errors.

Leveraging Adaptive Card-based Loop components, users of SAP S/4HANA Cloud share secure links to live business data in Microsoft Teams and Microsoft Outlook email. The embedding of SAP Fiori tabs enable users to discover, via email or Microsoft Teams chat, SAP elements such as a purchase order or information from any SAP Fiori application screen while staying in the flow of their work and maximizing productivity.

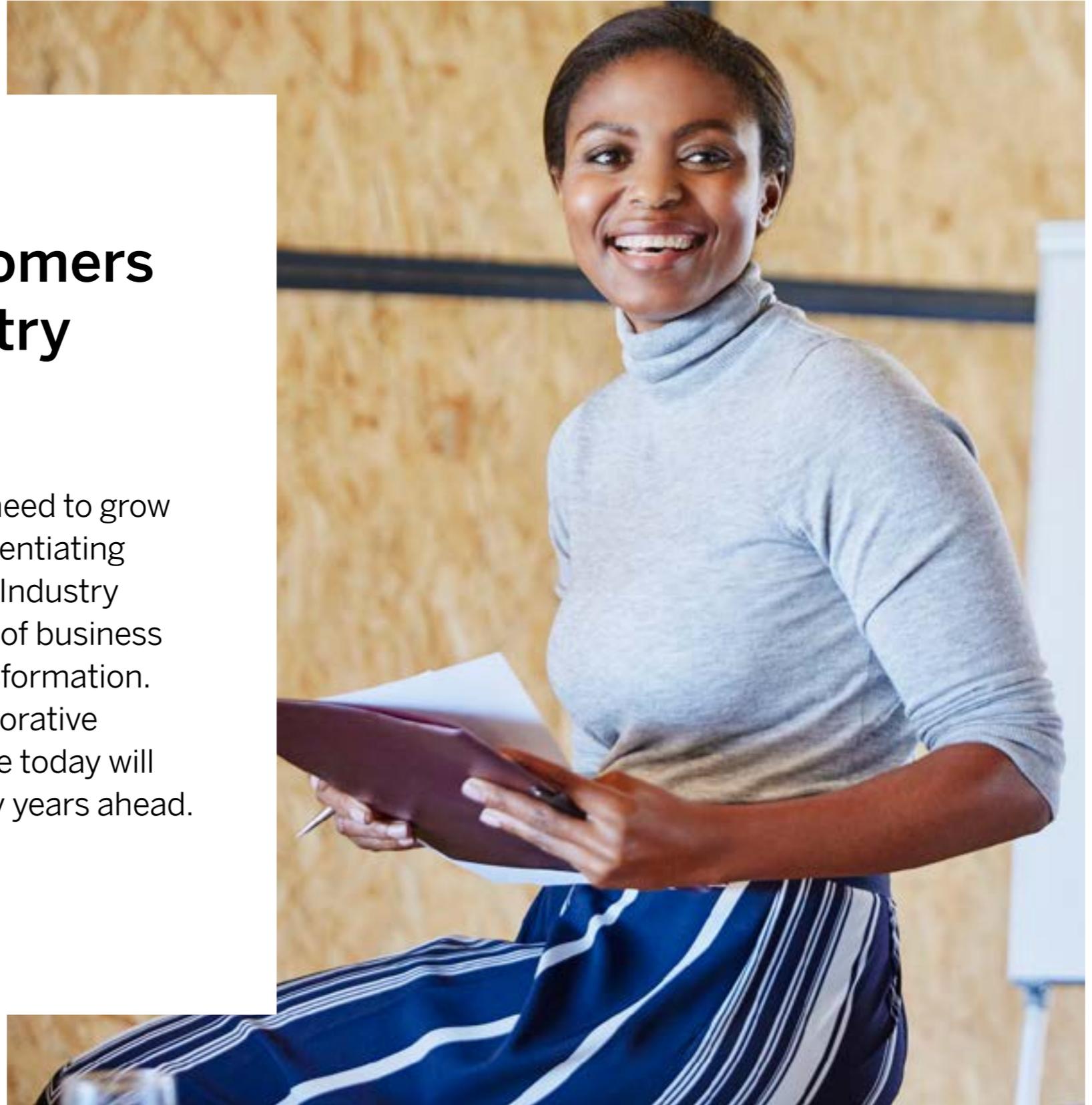
➤ **See Next-Level ERP Collaboration:
SAP & Microsoft | SAP News Center**



5

Empowering customers to lead with industry innovation

To survive and thrive, companies need to grow revenues by quickly creating differentiating business models in their industry. Industry innovation is a critical component of business resilience, sustainability, and transformation. The digital investments and collaborative partnerships that companies make today will define their performance for many years ahead.



SAP and Microsoft provide proven industry-specific solutions that help companies run better, faster, and more efficiently, all while embracing sustainability and corporate social responsibility. Through RISE with SAP on the Microsoft Cloud, we accelerate innovation and digital transformation by ensuring businesses have access to industry-specific processes, expertise, best practices, and next-practice solutions – while providing the transparency and controls to manage sustainability company-wide.

Together, we drive the innovation and transformation of complex industries around the globe. Examples include:

—• **Manufacturing**

Today's innovative manufacturers are unlocking the value of data by tearing down silos and driving intelligence into every part of their operations. By combining data from all sources – whether human or machine, internal or external, or from new or legacy business systems – they can read the heartbeat of the business in a way that has never been possible before. SAP and Microsoft simplify the path to intelligent manufacturing. We deliver cloud and edge based, end-to-end manufacturing solutions that improve supply chain resiliency, increase factory agility, and help securely connect people, assets, workflow, and business processes.

—• **Financial services**

SAP and Microsoft lead modern finance and tax transformation in financial services companies by combining best-in-class data processes and industry solutions with Microsoft's secure cloud platform for collaboration and integration. SAP and Microsoft provide intelligent finance and tax solutions to help financial institutions quickly adopt new business and consumer models, meet ongoing regulatory changes, and turn finance and tax into a value-added profit center – all while facilitating fraud detection, security, compliance, and interoperability.

> **Discover Microsoft Cloud industry solutions** > **Discover SAP industry solutions**

Standard Chartered Bank Leads by Example with Microsoft and SAP

Already a leader in digital experiences among financial institutions, Standard Chartered Bank updated its digitalization and technology strategy in 2021 to derive 50% of its income from new businesses. The company took a three-pronged approach, and to that end it has doubled its yearly spending on strategic initiatives to \$1 billion.

Standard Chartered is modernizing its core business systems and leveraging the agility, flexibility, and continuity provided by RISE with SAP on the Microsoft Cloud to improve its decision-making across a complex network of international financial markets.



Really good CFOs not only have a 360-degree view of the business and operations, but also a vision of the future – being able to identify new business opportunities while keeping risks under control. It's not just about numbers, it's about people, culture, and technology.”

Andy Halford

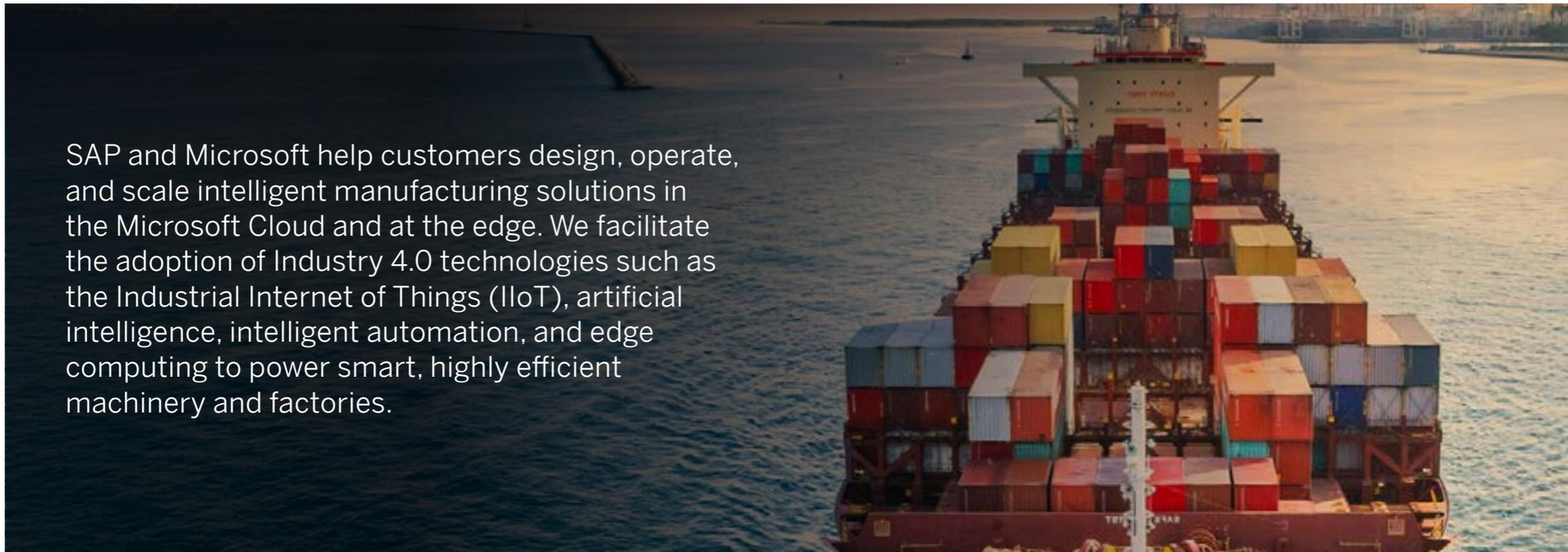
Chief Financial Officer,
Standard Chartered Bank



 **Read the case study**

Fabricating a path to intelligent manufacturing and resilient distributed supply chains

The manufacturing industry faces challenges ranging from disruption in the supply chain, inadequate asset utilization, and data security and protection. Leveraging the industry expertise of SAP and Microsoft, get ready to deliver the product innovation, smart machinery and factories, circular supply chains, and service-based models that lead to sustainable profitability and greener manufacturing.



SAP and Microsoft help customers design, operate, and scale intelligent manufacturing solutions in the Microsoft Cloud and at the edge. We facilitate the adoption of Industry 4.0 technologies such as the Industrial Internet of Things (IIoT), artificial intelligence, intelligent automation, and edge computing to power smart, highly efficient machinery and factories.

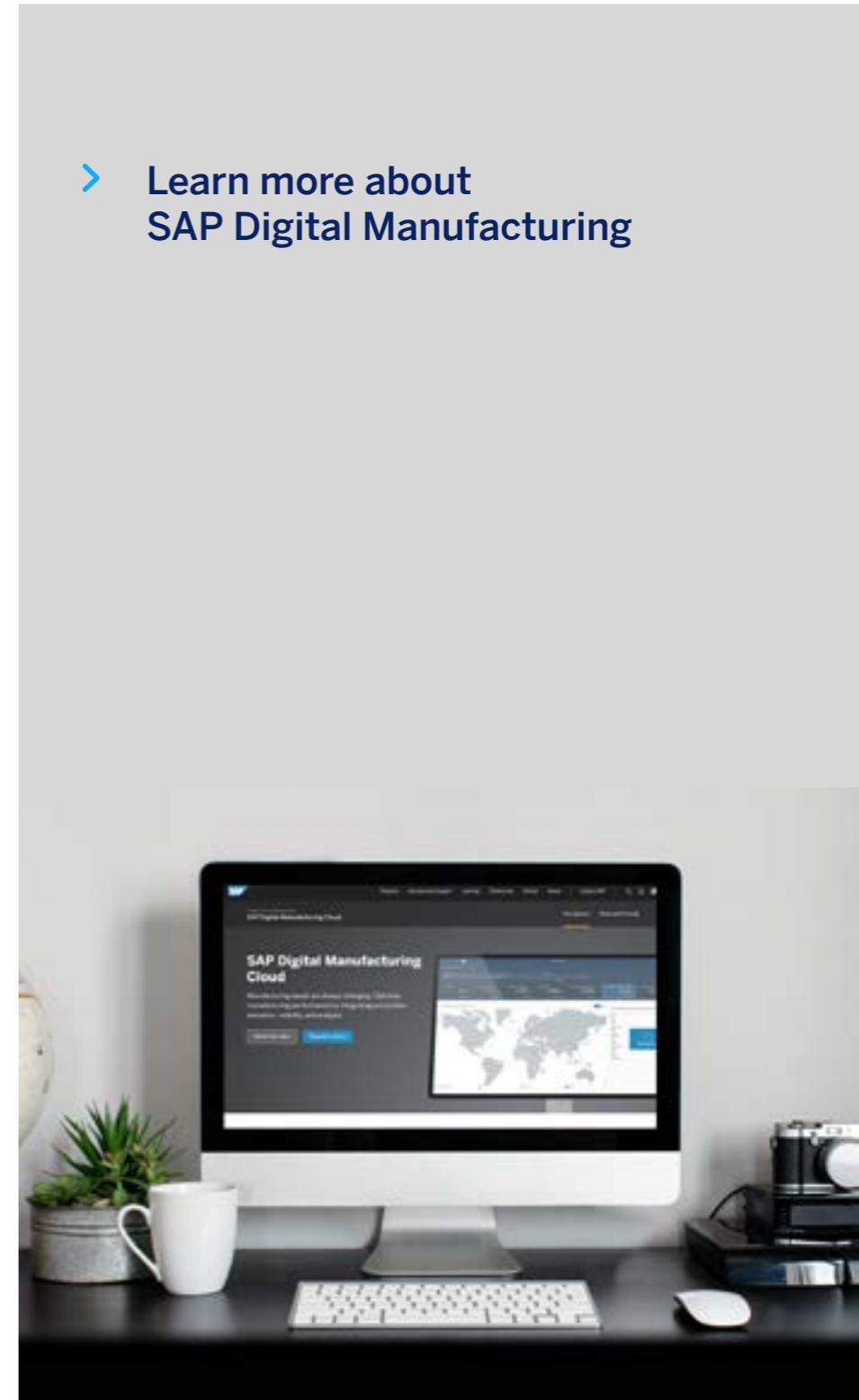
SAP Digital Manufacturing on the Microsoft Cloud: Optimizing manufacturing performance

SAP Digital Manufacturing optimizes manufacturing performance on the Microsoft Cloud and at the edge by integrating production execution, visibility, and analytics. A centralized, cloud-based manufacturing execution system is leveraged to:

- ✓ Efficiently execute production processes
- ✓ Analyze top floor business systems and shop floor equipment scenarios
- ✓ Report on key performance indicators
- ✓ Integrate systems through a resource-efficient Industry 4.0 approach

SAP Digital Manufacturing tightly integrates with the production order planning and inventory provisioning of SAP S/4HANA and other third-party platforms including Microsoft Teams.

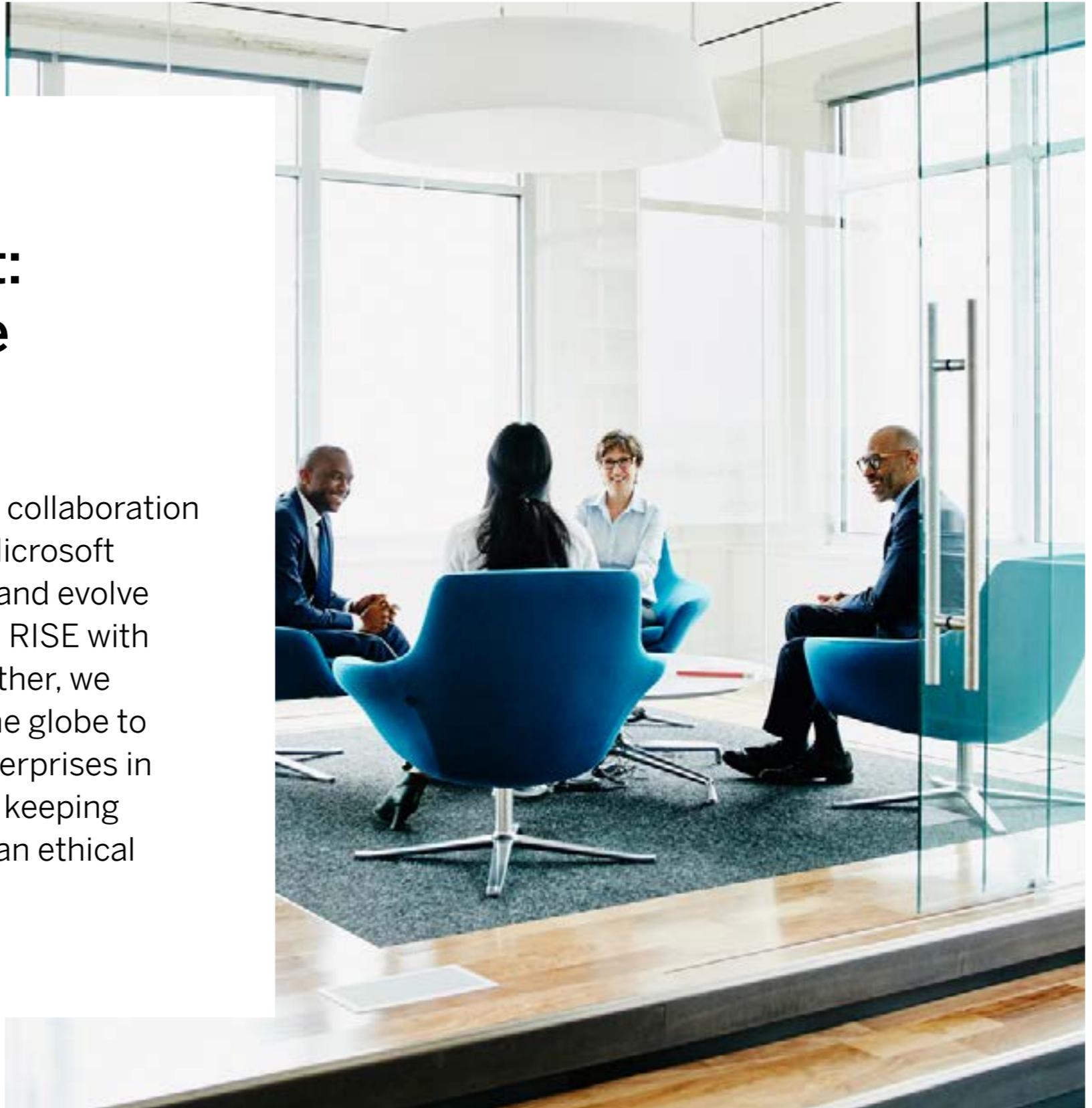
> [Learn more about SAP Digital Manufacturing](#)



6

SAP and Microsoft: Partnering to drive customer success

Building on our 30-year history of collaboration and co-innovation, the SAP and Microsoft partnership continues to deepen and evolve as more customers choose to run RISE with SAP on the Microsoft Cloud. Together, we empower organizations around the globe to run intelligent and frictionless enterprises in the cloud with confidence – while keeping environmental sustainability and an ethical future at the forefront.



Customers and partners across all industries choose SAP and Microsoft for our ease of integration, breadth of advanced services and innovation, and high levels of security and compliance. We offer an accelerated path to business transformation with the flexibility to shape your business and take your company wherever you want it to go.

➤ **Learn how SAP and Microsoft advance customer success through accelerated innovation, optimization, and growth**



New ways of working, collaborating, and interacting completely transform how we operate. Our trusted partnership with Microsoft is focused on continuously advancing customer success.”

Christian Klein

CEO and Member of
the Executive Board,
SAP SE



The case for digital transformation has never been more urgent. By bringing together the power of Azure and Teams with SAP solutions, we will help more organizations harness the power of the cloud so they can more quickly adapt and innovate going forward.”

Satya Nadella

CEO and Member of
the Board of Directors,
Microsoft Corp

