

Modernize, innovate, and optimize workloads

Have you started transforming your SAP
workloads with GenAI on AWS?

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Introduction



The way businesses operate is evolving fast. Organizations have more complex workloads than ever, especially those that run on enterprise resource planning (ERP) systems like SAP. At the same time, technologies like cloud computing and GenAI are disrupting the usual expectations of IT performance.

Businesses need to be adaptable if they want to succeed in this environment. SAP solutions are critical to business operations, so ensuring SAP applications are flexible, secure, and optimized for the cloud is imperative to creating competitive advantages and future-ready operations. By leveraging the power of cloud and AI, businesses can automate and improve how they manage SAP workloads to create value and drive efficiency across their operations.

To make such a transformation successful, though, organizations need the right frameworks, trusted partners and solid data governance to ensure security and performance.

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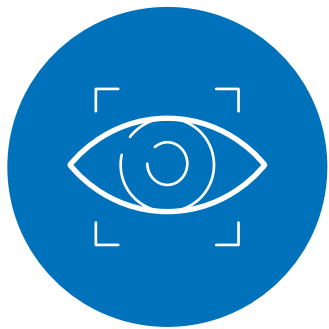
Migrating your SAP workloads to AWS with NTT DATA delivers benefits such as:



Better SAP performance

SAP environments are at the heart of many businesses. But it’s not enough for them to simply run smoothly. They also need to provide actionable insights that help you understand and meet the future needs of your business. When you modernize your SAP workloads strategically, you can boost application and infrastructure performance by targeting the areas that have the most impact.

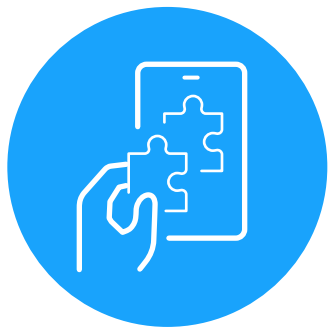
The cloud plays a huge role here, offering flexibility to fine-tune the SAP environment and easily add new capabilities.



Lower total cost of ownership (TCO)

The overall goal of your business should be to extract the best performance possible from your SAP services without continually layering on extra costs. To do this, you need visibility of those costs so you can create a sustainable spending strategy and ensure you get return on investment.

The composability of SAP services and cloud infrastructure can support a modular approach to cloud spend by reconfiguring your IT systems around specific business goals. You can then make sure your business doesn’t pay for things it isn’t actively using.



Enhanced innovation

GenAI is a game changer for optimizing operations, helping you turn system insights into a coherent, proactive strategy. With data transparency you can enable better decision-making and prioritize transformation spend. You can also choose where to focus your innovation efforts so they make the most impact.



Secure data

Cloud and AI thrive on accessible data. Ensuring that your data is safe as well as usable is non-negotiable. Your business needs an insights engine that can drive smarter decisions while maintaining data sovereignty, control and protection.

The time for cloud transformation is now

The deadline for cloud migration on SAP is approaching fast. If you don't make the move, you risk being left behind by competitors who can scale more quickly, innovate more easily and see more clearly than you. Your business can't afford to play catch up or pay the penalty in legacy IT costs.

With AWS, you can act fast and meet the moment. Migrating your SAP workloads to AWS gives you the best foundation for getting the most out of your systems. It's not just about cutting costs or boosting efficiency; it's about having a partner who helps you manage change and stay agile.

NTT DATA can help you simplify the process, taking away complexity with an end-to-end approach that uses GenAI to enhance innovation and efficiency. We're here to help you keep progressing, with data transparency, insights and automation driving continuous progress.

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Unlock the advantages of a future-ready SAP transformation

Migrating SAP workloads to AWS gives you a unique opportunity to optimize the performance of those workloads and create a fertile environment for innovation. By improving the efficiency, predictability and scalability of your application architecture, you can extract more value from individual SAP assets. This requires you to not only maintain the health of your applications but also take every opportunity to optimize and use them to generate insight into your business processes.

By prioritizing SAP performance, you can become a more intelligent enterprise, powered by data and guided by a practical, strategic approach to IT operations.

How?

Harnessing GenAI

GenAI simplifies the value chain, making it easier to create new products, services and customer experiences. It also offers a way to improve user interactions and accelerate service delivery.

By processing vast amounts of data, GenAI programs can generate detailed insights into your SAP environments, helping you to track performance and take remedial action when needed. Granular analysis provides greater visibility of growth opportunities, helping you to identify areas of stagnation. Plus,

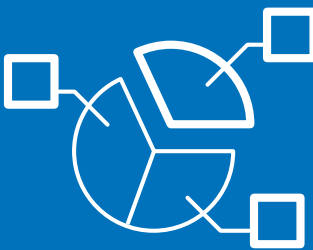
Enhanced predictive capabilities also help minimize disruptions and give you more control over your operations.

With the right approach, GenAI lets you create intelligent workflows and surface actionable recommendations within your SAP-supported business processes. Low-code and no-code tools further speed up development, allowing you to build and deploy new AI use cases faster and more efficiently.

The key word here is effectiveness. To avoid wasting time and resources, it’s important to focus on use cases that add tangible value. Partnering with experts like NTT DATA ensures that GenAI is applied effectively where it can deliver real, measurable results.

GenAI makes more of your SAP capabilities by extending, integrating, automating and analyzing data. This helps you improve management and visibility as well as customize your applications.

Where we’ve seen GenAI transform industries



Enhancing operational resilience and customer experiences in financial services



Supporting smarter retail supply chains and creating personalized experiences in-store and online



Modernizing manufacturing product design and production processes for better efficiency



Making workload management more streamlined and secure in the energy and utilities sector

Empowering innovation

Legacy systems with outdated infrastructure are holding businesses back, limiting their ability to innovate and slowing their time to market. The growing need to modernize has left many organizations struggling to catch up. To stay competitive, leveraging technologies like GenAI and automation has become a must, but this needs to be done without significantly driving up costs. The challenge lies in minimizing downtime and risk while maximizing the ability to test, learn, and scale new technologies effectively.

Greater operational agility is essential to a strong innovation strategy that delivers real value. Operational optimization is key to improving process efficiency and enabling faster time to market for applications developed in SAP environments. This approach not only enhances existing operations but also opens the door to new revenue streams through innovation, encapsulated by the idea of “migrate to innovate.”

Cloud-based solutions, such as running SAP on AWS, provide the ideal foundation for modernization. They strike the right balance between security, flexibility and robust support, helping businesses maximize value and drive sustainable growth.

“Greater operational agility is essential to a strong innovation strategy that delivers real value.”

Why AWS for SAP: Build, scale and innovate with a global infrastructure partner

Running your SAP environment on AWS provides a foundation that can deliver on every metric – efficiency, predictability and performance.

You can unlock your innovative potential on a scalable, robust cloud that adds value to your SAP workloads.

Innovation, security and efficiency are the three areas where AWS can make the biggest difference to your business.



Innovation

With cloud-native apps and built-in support for GenAI, AWS is a truly future-ready infrastructure. It can help you to prepare for the next leap forward, with a modern data and analytics setup that makes it simpler to spot opportunities and roll out new features for SAP faster than your competitors. With tools like integrated analytics, machine learning and AI, AWS helps you build exceptional user and customer experiences that will grow your business faster.

43%

lower time to market for new features¹



Scalability

AWS makes it easier and cheaper to manage and grow your applications. By reducing up-front expenditure while giving you the tools to build and scale cloud-native features, AWS helps you migrate in a managed way that reduces your risk. AWS brings together the organizational, operational and technical support you need to keep things running seamlessly whenever you embark on a new application development.



Efficiency

AWS offers flexible and transparent pricing, with a consumption-based model that makes sure your business pays only for the capacity it uses. Built-in, managed monitoring tools surface insights about your application health performance to ensure your apps continue to deliver the value that your spend demands. As a major provider, AWS lets you tap into cloud-based economies of scale, reducing your total cost of ownership (TCO) and freeing up resources to invest in your performance.

66%

infrastructure operations cost savings²

¹ Business runs better in the cloud.

² Enterprise Strategy Group. Maximizing Economic Advantages by Migrating to AWS Cloud Infrastructure. June 2023.

Why NTT DATA for SAP

We’re a trusted partner

Our mission is to deliver your SAP workload transformation with minimal disruption, underpinned by end-to-end support that reduces the workload and complexity at every step. With a technology- and industry-neutral approach, we can deliver a tailored solution that aligns to your unique needs, regardless of your current technology stack.

We enable secure, responsible transformation

Guaranteeing security and compliance at every step of transformation is imperative. Our solutions are built with AWS to align to international and local regulatory frameworks, while meeting AWS’s own robust data and infrastructure security standards. You can confidently use a wealth of new insights to drive your own business goals while preserving data sovereignty and control.

We give you end-to-end support

You need the right combination of technological and business support to realize your digital transformation goals. We provide this foundation, combining technical expertise with strategic business insights to ensure every step of the process aligns with your long-term goals.

We start by conducting an initial evaluation to assess your current infrastructure, business needs and strategic objectives. This helps us understand your options and review the best migration approach. This could include a lift and shift, replatforming or the full modernization of your SAP environment. Once we’ve selected the right approach, we guide you through the transformation process to make sure you derive the optimal value at each stage. By aligning to short-, medium- and long-term milestones, you establish signposts that help guide your progress and can be updated as business requirements and challenges evolve.

[NTT DATA Business Solutions recognized for outstanding contributions as an SAP partner](#)

Let's shape the future together

Our proven methodologies, solutions and tools are developed in-house and fully approved by SAP. We have the heritage and expertise to ensure reliable and effective results from your modernization journey. With a dedicated SAP practice and mature implementation and migration toolsets, we can apply our full focus to simplifying automations and processes, unlocking extra value from your personnel and operations.

Our business consulting teams across the globe bring strong capabilities to virtually every market. With technical consultancy integrated into SAP consulting, we offer a single point of contact for your technical and business requirements, ensuring seamless coordination and support. We provide rapid onboarding with a minimal learning curve, allowing your business to accelerate to high-performing and continuously evolving operations.

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Case study 1

Simplifying sustainability reporting



Business need

A leading global mining corporation in Chile needed a technology platform to accelerate their sustainability efforts. With operations in 100 countries, they struggled with disconnected legacy systems and manual data entry, making it difficult to track key sustainability metrics. Poor integration and visibility jeopardized their ability to track and achieve sustainability targets.



Solution

We helped them to implement a tailored SAP solution to centralize their sustainability data. By configuring a tool to collect and manage data across 39 relevant metrics, we built a user-friendly interface to support data visualization and analysis. NTT DATA also outlined a roadmap to guide their future sustainability strategy.



Outcomes

- Improvement in sustainability data management; streamlined data collection, analysis and reporting
- Real-time insight into performance projections and progress tracking
- A single, user-friendly interface
- Enhanced decision-making and alignment with sustainability targets

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Case study 2

Transforming supply chains

**Business need**

The client, a leading household appliances company in Mexico, worked with NTT DATA to design and build a new supply chain architecture integrated on SAP S/4HANA. This required a detailed evaluation of their current processes and pain points to design a future-state supply chain operation.

**Solution**

NTT DATA analyzed existing processes to create a comprehensive roadmap for the future supply chain. This included developing architecture for SAP S/4HANA Integrated Business Planning (IBP), focusing on sales, demand and inventory management. The process spans tactical, mid-term and short-term phases, laying the ground for end-to-end supply chain optimization.

**Outcomes**

- Six processes reviewed and optimized
- Rapid corrective action and decisioning support
- Enhanced statistical forecasting and demand-sensing capabilities
- New model implemented to plan and manage the supply chain

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Planning to transform?

Get in touch to discuss your SAP migration options and build your roadmap with NTT DATA.

Talk to the team



