

# Accelerating your digital business





**Under pressure to drive innovation, optimize operations and enhance customer experiences using technologies like AI, edge computing and multicloud, CIOs need robust, forward-thinking strategies and the right partners.**

We explore how NTT DATA and Dell Technologies can accelerate your digital and business transformation.



Agility in a digital era

The solution

Why NTT DATA and  
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# Agility in a digital era

**In today's fast-paced digital landscape, businesses must remain agile to stay competitive. Agility is not just about speed; it is about the ability to adapt, innovate and respond to evolving market demands. Emerging technologies like AI, edge computing and multicloud strategies are helping to support agility ambitions, driving outcomes such as operational efficiency, decision-making, customer experience in a secure and sustainable way.**

## **AI: driving innovation and decision-making**

Artificial intelligence (AI) has transitioned from a futuristic concept to a critical driver of business success. AI enhances decision-making, automates routine tasks and generates actionable insights from vast data sets, empowering organizations to innovate and maintain a competitive edge. However, integrating AI introduces challenges such as managing security concerns, dealing with the limitations of generic public large language models and addressing the high cost of compute. Many organizations are early in their AI journey and are seeking options and advice on developing in-house AI models, which require robust storage, compute power and connectivity.

## **Edge computing: enabling real-time insights**

As the need for real-time data processing and low-latency applications increases, edge computing has emerged as a pivotal technology. By processing data closer to the source, edge computing enables faster and more efficient decision-making, which is essential in industries like manufacturing and financial services. For instance, AI on the edge can analyze asset tracking, predictive maintenance and energy management data in real-time, identifying potential issues before they arise. Additionally, edge-to-cloud solutions facilitate the transfer of productivity and performance data from the edge to the cloud, enabling centralized monitoring and analytics-driven improvements across operations.



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## Multicloud: optimizing performance and resilience

The complexity and diversity of business needs have led to the adoption of multicloud strategies, where organizations use multiple cloud services from different providers to optimize performance, cost and resilience. This approach not only enhances redundancy and avoids vendor lock-in but also allows organizations to tailor cloud environments to specific workloads. The strategic advantage of multicloud is evident, with 89% of enterprises adopting this approach According to Flexera’s 2023 State of the Cloud Report.<sup>1</sup>

## The interplay of AI, edge and multicloud

The convergence of AI, edge computing and multicloud is reshaping business operations. AI drives innovation and decision-making, edge computing brings these capabilities closer to the point of action and multicloud ensures that these operations are scalable, resilient and optimized for diverse workloads. Together, these technologies form the foundation of a modern, agile business, enabling organizations to navigate the complexities of the digital era with confidence

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<sup>1</sup>Flexera, 2023 State of the Cloud Report, March 2023, <https://www.flexera.com/about-us/press-center/flexera-2023-state-of-the-cloud-report>



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## Developing AI platforms

AI workloads are particularly well-suited to hybrid cloud computing, helping strike the right balance between cost and features to support the successful enterprise adoption of AI. For example, data scientists can develop cloud-native applications in the cloud, train AI algorithms using large amounts of sensitive data on-premises and then deploy AI applications anywhere for lower costs, greater geographic coverage and scalable capacity to address peaks in demand.

Reducing data center complexity is crucial for leveraging cloud and AI effectively. By simplifying infrastructure, organizations can more easily adopt cloud solutions and deploy AI, leading to greater efficiency, scalability and innovation. This is motivating enterprises to transform IT, breaking down siloed resources and leveraging modern architectures designed to run AI and other workloads side-by-side in a hybrid cloud model.

NTT DATA and Dell Technologies offer consulting and proof-of-concept services that help organizations explore different ways to buy and use technology, including GPU (Graphics Processing Units) as a service. With NTT Group investing heavily in AI over the next five years, we bring valuable experience and insights to help businesses stay competitive.



**Have you defined your infrastructure requirements based on your workloads?**

**Do you have the technology solutions to make your AI strategy work?**



## Securely scaling at the edge

NTT DATA offers comprehensive consulting services to help organizations define and implement effective edge computing strategies, based on our proven solutions and deep industry expertise.

Our edge computing solutions have created significant value for clients in several industries. For example, our edge-based predictive maintenance solutions have optimized operations and reduced downtime for manufacturing clients.

Dell Technologies offers Dell NativeEdge, an edge operations software platform which centralizes the end-to-end deployment and management of diverse edge infrastructure and applications seamlessly. It uses the power of automation, open design, zero-trust security and multicloud orchestration to securely scale edge solutions.

Dell Technologies' edge computing solutions are designed to be scalable and flexible, allowing organizations to start with small edge deployments and expand as their needs grow. Their focus on data protection, security and compliance ensures that edge deployments meet industry standards and protect sensitive data.

### Together, our approach is:



#### Sense

(collect the data)



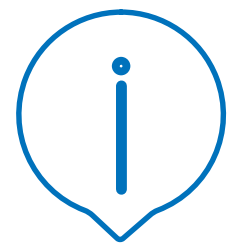
#### Analyze

(turn data into information)



#### Act

(turn data into action)



**Are you looking at edge as a service?**

**Are your edge solutions delivering the business outcomes you need?**

## Delivering multicloud, cloud-to-edge solutions

Enable superior, more secure user experiences, optimize costs and enhance innovation with a complete edge-to-cloud solution.

NTT DATA's full stack of ICT services, coupled with Dell Technologies' infrastructure and technology solutions, create a complete cloud-to-edge solution with the added benefits of purchasing power and efficiencies and economies of scale.

We help you gain greater efficiencies by modernizing your existing applications, infrastructure and data management practices. The NTT DATA and Dell Technologies partnership delivers customized solutions that are easy to scale and fast to deploy. For example, our Managed Private Cloud solution offers flexible deployment and can be delivered as a fully managed service or an as-a-service, edge-to-cloud environment.

And rather than rip and replace when a contract needs renewing, we take an as-a-service approach. This means we will continue to use the infrastructure in place, as long as there is no degradation for clients. This approach is better for the environment, reduces costs and minimizes disruption to business operations. Additionally, it allows for greater flexibility, enabling organizations to scale their resources as needed and extend the life of their existing investments while staying current with technological advancements.

No matter where you are on your cloud journey, we have solutions and service options to match. From migration and modernization to network and security services, you can provision the infrastructure you need quickly, scale on demand and pay as you go across your entire multicloud environment.



**Do you need help with a business case to drive growth, improve business operations and get to market faster?**

**What risks do you face using multiple suppliers for your multicloud?**



# Why NTT DATA and Dell Technologies



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Through our joint solutions, NTT DATA and Dell Technologies can deliver a complete managed, as-a-service or private edge-to-cloud environment – one that incorporates public cloud, managed private cloud, fully owned data centers and campus and telco networks as a solution resale, managed service or as a service. We also provide technology solutions designed to help you modernize, innovate and achieve your strategic goals.

We provide you with the smart solutions and agile infrastructure you need so that you can focus on what really matters: engaging with customers, enabling and empowering your employees and innovating your core business.

NTT DATA holds Global Titanium Black status within the Dell Technologies Partner Program. Our 15-year partnership enables innovation to be delivered as a service. As part of NTT Group, which invests an average of \$3.6 billion annually in R&D, we make innovation happen by combining leading-edge technologies, deep industry expertise and unparalleled insights in new and unexpected ways.

With our consistent approach, we are a safe and trusted choice for clients across the globe.

We offer:

- Global data center platforms in **20+ countries**
- Secure Global IP Network — more than **190 countries with network**, cloud and data center services

We help you innovate and run your operations more efficiently to reduce emissions and protect your brand. Together, our teams and technology can create more sustainable solutions for your organization on a global scale.

By partnering with NTT DATA and Dell Technologies, CIOs can leverage state-of-the-art AI solutions to drive innovation, enhance operational efficiency and deliver superior customer experiences. Embrace the AI revolution and position your organization for long-term success in the digital age.



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# About NTT DATA

NTT DATA is a **US\$30+ billion** trusted global innovator of business and technology services. We serve **85% of the Fortune Global 100** and are committed to helping clients innovate, optimize and transform for long-term success.

As a Global Top Employer, we have diverse experts in more than **50 countries** and a robust partner ecosystem of established and start-up companies. Our services include business and technology consulting, data and artificial intelligence, industry solutions, as well as the development, implementation and management of applications, infrastructure and connectivity. We are also one of the leading providers of digital and AI infrastructure in the world.

NTT DATA is part of NTT Group, headquartered in Tokyo, which invests over **US\$3.6 billion each year** in R&D to help organizations and society move confidently and sustainably into the digital future.

[Visit us at nttdata.com](https://www.nttdata.com)



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