

Accelerate your AI journey and unlock measurable business value with Kyndryl AI Private Cloud, Dell and NVIDIA

Highlights

As the new era of AI takes shape, many businesses find themselves at a crossroads. While geopolitical shifts and data sovereignty concerns make public cloud platforms seem increasingly risky, siloed datasets, legacy infrastructure and immature governance models mean that deploying AI solutions in-house is no simple task. For large enterprises, GPU-as-a-service (GPUaaS) and token-as-a-service (TokenaaS) capabilities can help drive return on investment by enabling the new AI Platforms to offer AI Services to their customers.

Kyndryl, Dell and NVIDIA are working together to build a scalable, secure and customizable AI platform that clears away common roadblocks to adoption and accelerates AI deployments. By partnering with Kyndryl, Dell and NVIDIA, your business can realize the benefits of AI innovation.

Introduction

Many enterprises struggle to implement AI due to limited expertise, data challenges, and integration complexity.¹ In partnership with Dell and NVIDIA, Kyndryl delivers secure, scalable AI platforms that overcome these barriers — enabling rapid, compliant, and industry-specific AI adoption.

Kyndryl and Dell AI solutions

Kyndryl AI Private Cloud services cover the full lifecycle of AI adoption: from strategy and prototyping to deployment and operations. We combine advanced AI and data capabilities from Dell with our expertise in infrastructure, governance and managed services. As a result, your business can rapidly deploy solutions tailored to industry-specific use cases.

Whether you are just starting your AI transformation or building on an ongoing project, Kyndryl services can unlock the business benefits of AI while addressing regulatory, compliance and data governance requirements.

Here's some examples of how various industries realized business benefit from AI technology with Dell AI Factory:

Medical Research Institution improved **radiology performance by 40%**.²

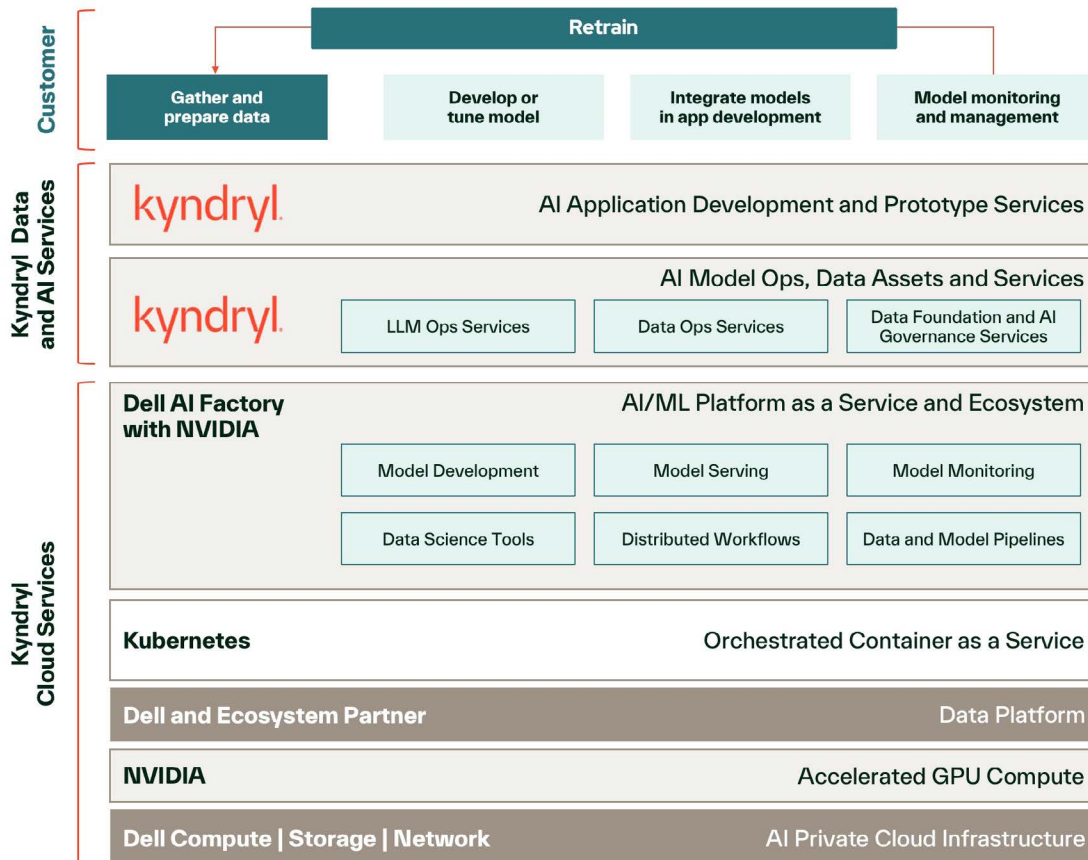
Railway transportation company increased safety with **8x increase in accuracy of inspections**.³

Media and Entertainment firm **accelerated film production by 50x**.⁴

Dell AI Factory with NVIDIA provides a simplified, tailored and trusted AI infrastructure platform designed to accelerate AI adoption. Combining high-performance Dell infrastructure solutions with co-engineered software and hardware from NVIDIA, Dell AI Factory with NVIDIA spans AI infrastructure, software, models, and data. By harnessing AI services and expertise from Kyndryl, enterprises can cut time to value for Dell AI Factory with NVIDIA solutions.

Kyndryl is also partnering with Dell in other AI domains. At the Kyndryl AI Vital Lab in Japan, we are working with Dell to deliver proof-of-concept and production AI solutions. This unique partnership is catalyzing innovation in the AI space: empowering enterprises to embrace AI technology more quickly and efficiently than ever.

With the Dell and Kyndryl platform at the heart of your AI transformation, your business can lay a strong foundation on which to build innovative, value-added solutions:



Benefits

Cut time-to-value:

Pre-integrated AI platforms, low-code/no-code tools and pre-configured workflows.

Strengthen security and compliance:

Dedicated sovereign infrastructure for regulatory compliance.

Move fast with AI-ready infrastructure:

GPU-accelerated, AI-ready stack with NVIDIA tools.

Enhance the developer experience:

Centralized Kubernetes management for simpler development.

Strategic AI adoption roadmap:

End-to-end support from strategy to operations.

Business innovation and efficiency:

Intelligent automation to boost productivity and cut costs.

Monetize AI:

Revenue-generating GPUaaS or TokenaaS solutions.

Kyndryl capabilities

Unlike generic AI platforms, Kyndryl's joint solution with Dell and NVIDIA combines deep infrastructure expertise, end-to-end managed services and true global reach to accelerate AI adoption while reducing risk.

Kyndryl accelerates the AI journey through strategic guidance, implementation support and ongoing management services. At every stage of your transformation, we help ensure that your program delivers real business value.

1. Advise/Consult - Prepare

- Identify and prioritize business use cases
- Define AI PoC success criteria
- Size and design AI infrastructure

2. Implement - PoC to Production

- Drive PoC
- Assist with private cloud implementation, including guidance on deployment models, AI infrastructure modes and readiness, lifecycle operations (provisioning, monitoring, etc.), security, capacity and performance
- Implement MLOps/LLMOps pipelines and deploy applications
- Build integrated, production-ready AI private clouds as standalone or hybrid systems

3. Manage - Production

- Deliver fully managed AI private cloud services based on Dell and NVIDIA solutions
- Support full-lifecycle operations, including provisioning, monitoring, incident management and patching
- Perform capacity planning and performance to help ensure ongoing quality
- Integrate with existing application systems and knowledge bases
- Schedule and orchestrate production AI workloads at scale
- Run a cloud-adjacent control plane to enable hybrid cloud capabilities
- Automate FinOps reporting and analysis to optimize costs
- Implement NeoCloud AI platform and B2B models to unlock new external revenue streams



AI Vital Lab in Japan

Kyndryl has made significant investments in AI Innovation and Vital Labs across the Globe. Kyndryl's AI Innovation Centers are central to Kyndryl's capabilities to enable customers to accelerate AI deployments throughout the entire lifecycle of adoption from PoC to Production. Kyndryl's AI Vital Lab in Japan is key to addressing AI technology adoption in Japan, particularly in the Manufacturing, Insurance and Financial Services industries.

AI Services overview

- 1. Based on Dell AI Factory with NVIDIA**
Small/Good configuration for AI Vital Lab PoC
Capacity to scale production
- 2. Tailored Service Tiers**
Base | Standard | Premium
- 3. Security Rich**
Ideal for AI workloads that require domain specific regulated data
- 4. Data and Application Adjacency**
Central datacenter location adjunct to AI data and application environment optimizes data utilization and application development
- 5. Industry targeted Services**
Use cases for Financial Services, Insurance, Manufacturing and Retail

Consult and Advisory services enable Business use case to outcomes to drive fast and efficient GenAI technology adoption.

Why Kyndryl?

Kyndryl has deep expertise in designing, running, and managing the most modern, efficient and reliable technology infrastructure that the world depends on every day. We design, build, manage and modernize the world's critical technology systems. As the world's largest provider of IT infrastructure services, Kyndryl is committed to the health and continuous improvement of the vital systems at the heart of the digital economy. With our partners and thousands of customers worldwide, we co-create solutions to help enterprises reach their peak digital performance.

Next steps

To find out more about accelerating AI adoption with Kyndryl AI Private Cloud and Dell, please contact your Kyndryl representative or [schedule a complimentary consultation with a Kyndryl expert](#). Learn more about the [Kyndryl and Dell alliance](#) or visit us at [kyndryl.com](#).

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1. [11 Barriers To Effective AI Adoption And How To Overcome Them](#), Forbes, May 2024.
2. <https://www.dell.com/en-us/lp/dt/customer-stories-northwestern-medicine>
3. <https://www.dell.com/en-us/lp/customer-stories-duos-technologies-edge>
4. <https://www.dell.com/en-us/lp/customer-stories-kennedy-miller-mitchell>