

Creating AI-accelerated outcomes for Communications Service Providers

From the core to the edge

Artificial intelligence (AI) is creating vast new opportunities for communications service providers (CSPs), from faster, self-optimizing networks to intelligent chatbots that transform their customers' experience.

Dell Technologies and NVIDIA can help CSPs to develop infrastructure that can handle these AI workloads, whether in their data centers or at the edge. Combining Dell's compute, storage, client device, software and services capabilities with NVIDIA's full-stack accelerated computing platform, it gives CSPs the necessary building blocks to run any AI workload, anywhere.

This enables them to:



Maximize network performance at the lowest possible cost from RAN to edge to core



Improve customer experience and loyalty



Deliver greater value at the enterprise edge

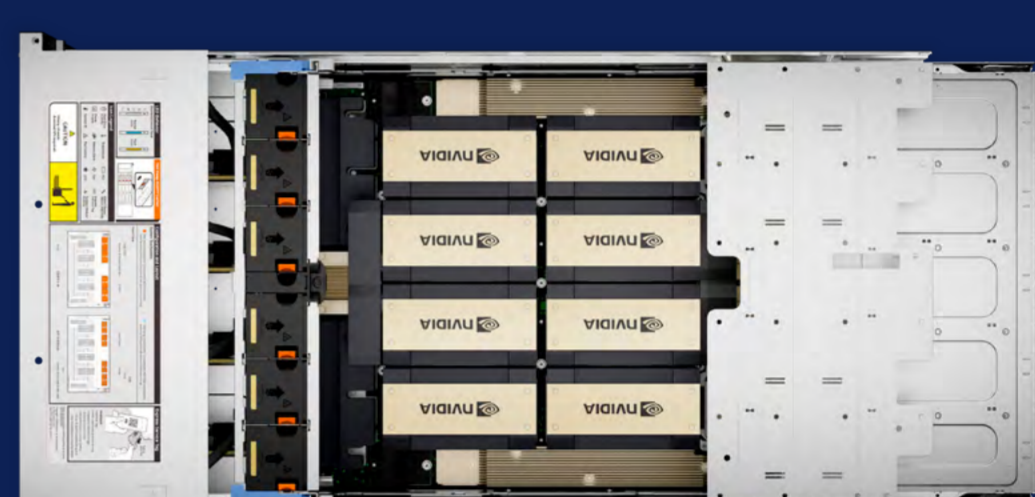
Discover how Dell Technologies, NVIDIA and AI software providers are partnering to drive innovative outcomes for CSPs:

1 Enhancing CSP operations and customer engagement

Amdocs amAlz Copilots seamlessly integrates with telecoms systems to create industry-specific AI assistants. Combining GenAI with a verticalized telecom taxonomy, it addresses customer queries with contextual, compliant and trustworthy answers, and can also automate complex tasks.



DELL POWEREDGE XE9680 SERVERS



NVIDIA H100 TENSOR CORE GPUS

Improves customer service via AI-driven Copilots

Enhances efficiency through automated task management

Streamlines operations and reduces operational costs



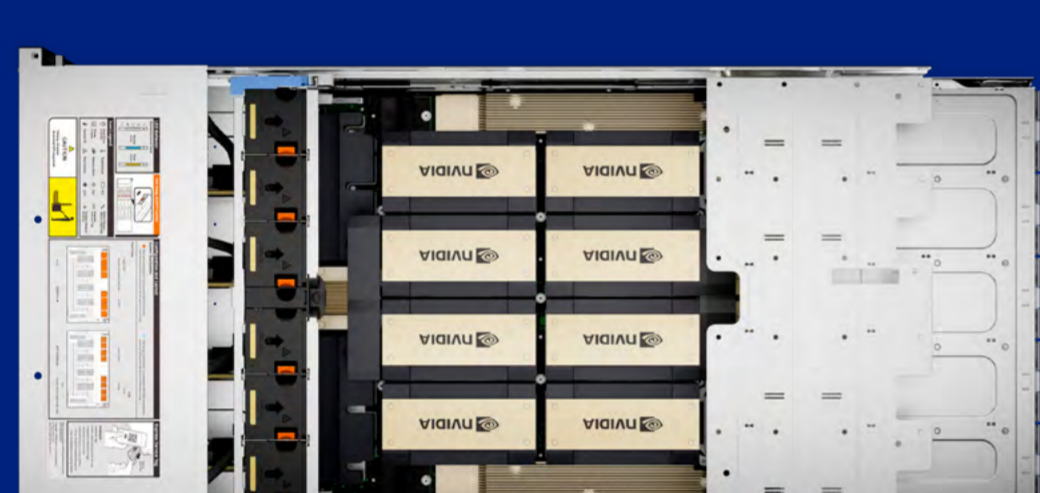
AMDOCS AMAIZ GENAI SUITE

2 Network troubleshooting and analysis

Conversational AI tools allow everyday language, rather than SQL commands, to be used for complex data queries across 5G and OpenRAN environments.



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NVIDIA H100 TENSOR CORE GPUS

Enhances efficiency of network management

Improves accuracy of data interpretation

Scalability for small and large-scale deployments



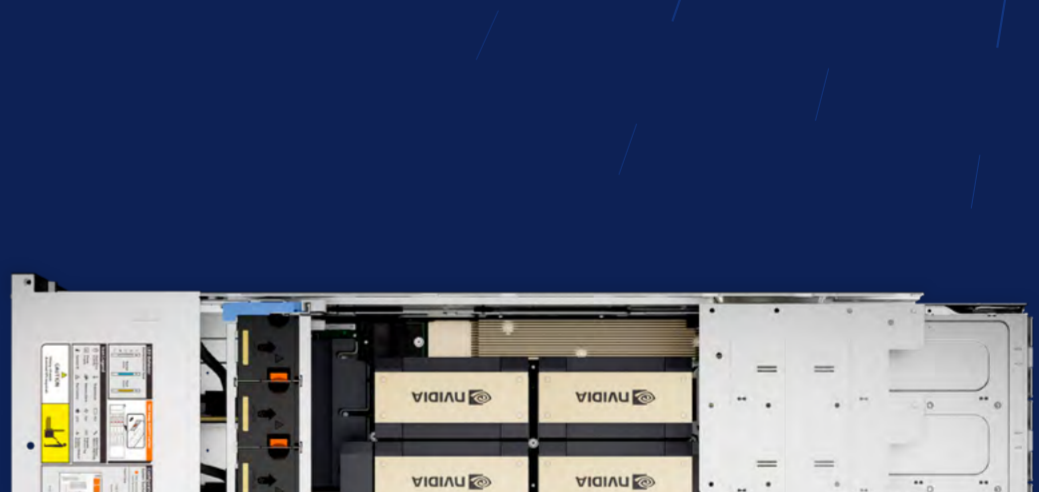
KINETICA SQL-GPT AI SOFTWARE

3 Accelerating digital transformation

Iternal's AI solution automates the creation of up to date, on-brand content, while offering translation into multiple languages at the click of a button.



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NVIDIA H100 TENSOR CORE GPUS

Accelerates content creation

Enhances workforce effectiveness

Ensures consistent, up-to-date information



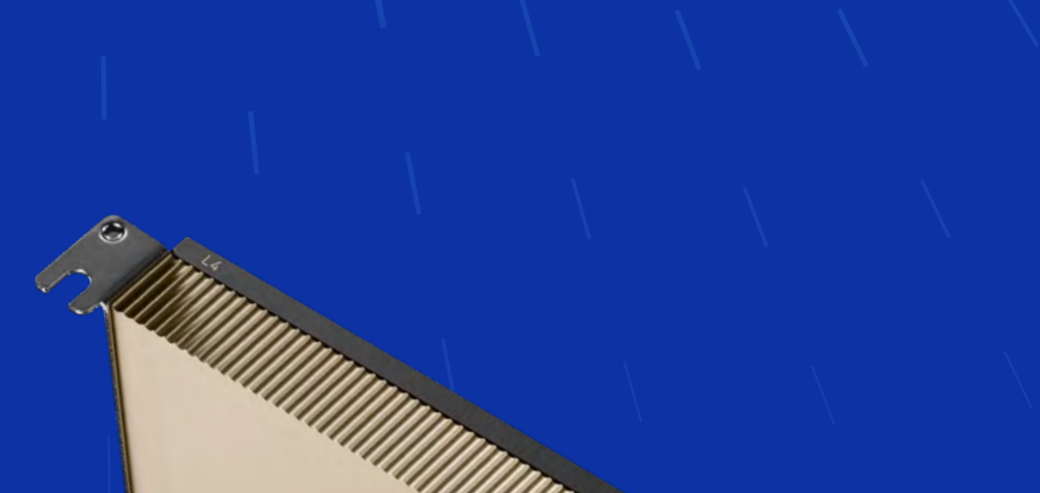
INTERNAL TURNKEY AI

4 Innovative edge deployments

The NVIDIA DeepStream SDK is a complete streaming analytics toolkit for AI-based multi-sensor processing, video, audio, and image understanding. DeepStream enables real-time analytics on video, image, and sensor data using stream-processing pipelines.



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NVIDIA L4 TENSOR CORE GPUS

Enables deployment in space-limited environments

Accelerates insights and real-time decision making

Enables better business outcomes



NVIDIA DEEPSTREAM

Learn how CSPs can realize the full potential of AI with our purpose-built Telecom and AI solutions.

[Learn More](#)