

A Healthcare Solutions Leader Enhances Every Customer Experience with Cisco Secure AI Factory with NVIDIA

**How can a leading healthcare company
serve millions of people, yet still provide
a personalized, convenient experience?**

One Fortune 100 company is pointing the way
forward, transforming its business with a major
AI initiative powered by Cisco and NVIDIA.

Reimagining healthcare at scale with AI

Operating from thousands of retail locations and medical clinics, this healthcare innovator uses personalized, technology-driven services to enhance access to quality care, deliver better patient outcomes, and reduce overall costs. Always looking ahead, this company is now focusing on better integrating its healthcare assets—with AI at the core of its strategy. Key initiatives include:

- **Improving patient outcomes and engagement**, personalizing treatment plans and predicting risks more effectively.
- **Optimizing pharmacy operations and workflows**, streamlining medication dispensing and detecting possible drug interactions.
- **Enhancing every customer experience** with AI-enabled personalized health reminders like appointment scheduling and prescription status.
- **Driving operational efficiency** and cost reduction using AI to automate administrative tasks to reduce work and healthcare costs.

Achieving transformation with minimal risk

Implementing AI at scale across this massive organization is challenging. The company operates on a vast web of diverse legacy systems and must meet rigorous privacy and regulatory requirements.

To accelerate its transformation while minimizing risk, this organization focused on strengthening security, minimizing performance issues, scaling complexity, and simplifying management.

An AI platform co-engineered by Cisco and NVIDIA

This healthcare company deployed a secure, scalable, high-performance AI infrastructure from Cisco and NVIDIA. Cisco Secure AI Factory with NVIDIA is a full-stack solution with single vendor accountability that lets the organization speed innovation and operationalize AI workloads. Its integrated technology stack features AI software, AI networking, compute, storage, security, and observability from Cisco, NVIDIA, and VAST Data.

The Cisco and NVIDIA solution offers distinct advantages compared to other solutions. It features a security-first approach, together with observability. Modernized management and orchestration lets the company simplify and automate tasks like setup and configuration, which in turn saves IT valuable time. NVIDIA Spectrum™-X helps boost performance of AI workloads and is easy to implement as part of the Cisco networking solution.

Unleashing the full potential of AI

As this healthcare organization completes its rollout of Cisco Secure AI Factory with NVIDIA, the company plans to achieve exciting new outcomes, including:

- **Accelerated AI innovation**, reducing the time it takes to move an AI model from concept to production by up to 40 percent.
- **Enhanced security posture** through layered protection throughout the full stack that reduces the risk of AI-centric threats and protects intellectual property.
- **Improved operational efficiency** to streamline and centralize management.
- **Optimized resource utilization**, with dynamic allocation and fractional GPU use to maximize ROI and minimize under-used hardware.

The Cisco Secure AI Factory with NVIDIA is more than an infrastructure platform. It's a full-stack and differentiated solution that positions the organization at the leading edge of AI innovation.

“By implementing the Cisco Secure AI Factory with NVIDIA, the customer expects to rapidly move from the experimental phase of AI to a better state of industrialized, high scale execution.”

John McLaughlin
Client Director, Cisco