

neysa

The Home for Your AI

CASE STUDY – MedTech Provider

Building a Happy
Home for Life-
Saving AI

BACKGROUND

How a Global MedTech Leader Accelerated Innovation on Their Journey with Neysa

A forward-thinking global MedTech innovator and its dedicated AI subsidiary are on a journey to redefine the future of healthcare. Their mission is to create life-saving advancements in medical robotics, AI-powered cancer diagnostics, and cell therapy. To realise these ambitious goals, they needed more than just powerful infrastructure; they needed a true partner to build a secure, reliable, and happy home where their AI could live and thrive.



THE OPPORTUNITY

A Path to a Better System

The company's AI journey began with a powerful on-premise, bare-metal GPU cluster. While a strong start, this approach presented constraints as their **100+ member data science team** sought to accelerate innovation. The team faced a common challenge: their existing infrastructure, with its cumbersome hardware procurement cycles and management complexities, was limiting their ability to innovate at pace.

They needed a new strategy—one that would provide their AI with an environment built for growth, security, and peak performance. The opportunity was to move beyond the restrictions of their on-prem setup and find an ideal solution that offered both flexibility and expert support.

THE SOLUTION

Finding The Happy Place Where Their AI Can Thrive

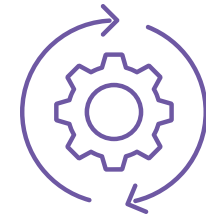
Neysa collaborated with the MedTech leader to design a strategic, hybrid approach. The client retained their on-premise environment for early-stage development while choosing Neysa's proven AI-native cloud as the permanent home for their mission-critical production workloads—the solutions across healthcare, drug discovery, legal and business used by their customers to improve patient outcomes.

This new home is powered by a long-term commitment to deploy multiple NVIDIA H100 nodes, with the flexibility to add more GPU nodes for short-term projects instantly, on demand. We provided this as a pure bare-metal service, giving them complete ownership and control over their environment. This intuitive self-service platform empowered their data science team, who acknowledged the ease with which they could access entire GPU clusters with just a few clicks.

THE NEYSA PARTNERSHIP

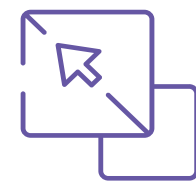
A Secure & Reliable Home for AI

As an expert partner simplifying the complex world of AI, Neysa delivered a solution built on our core values: complete control, scalability, flexibility, and cost-efficiency.



Complete Control & Autonomy:

We believe you should have full autonomy over your AI environment. Our modular platform provides total ownership of a secure, bare-metal environment, freeing your team from the complexities of infrastructure management so they can focus on what they do best: innovate.



Seamless Scalability & Flexibility:

Our approach is not one-size-fits-all. We met the client exactly where they are on their journey, providing a smooth, scalable path to enhance their capabilities. The platform is designed to grow with them, enabling easy adoption of next-generation GPUs to accelerate future projects.



Expert Guidance on the Journey Together:

This was more than a service; it was a partnership. Our specialist team of AI infrastructure engineers collaborated with their team, providing the expert guidance and support necessary to optimize their workloads for maximum performance & efficiency.



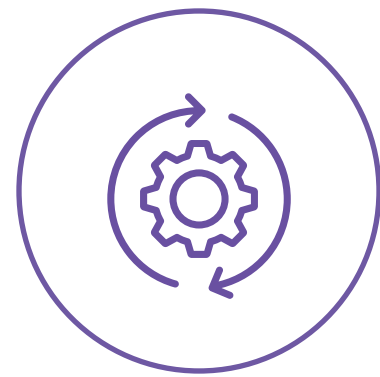
Cost-Efficiency and Optimised Value:

We provided a cost-effective solution that transitioned the company from a restrictive CAPEX model to a predictable OPEX model. This financial clarity and efficiency empowered them to invest more in their core mission—advancing the frontiers of medical science.

THE IMPACT

Realising the Full Potential of AI

By providing a happy home for their AI, Neysa helped the MedTech leader achieve significant, tangible outcomes.



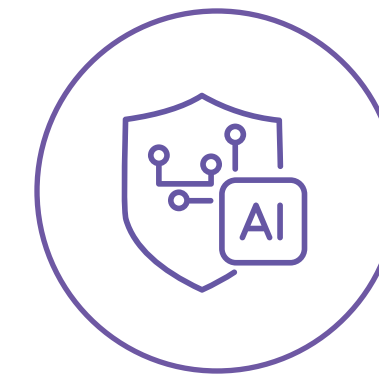
Accelerated Innovation Lifecycle:

We enabled the team to streamline their workflow, reducing infrastructure provisioning from months to minutes and dramatically accelerating their entire AI development process.



Empowered a Team of Innovators:

In its new, optimised home, the company's AI models could be trained and deployed with greater efficiency. This empowered their 100+ data scientists to accomplish their goals and push the boundaries of enabling multiple areas across medical research.



Achieved Production-Grade Security and Reliability :

As the happy home for their AI, Neysa's SOC2 and ISO 27001 platform ensured their mission-critical, customer-facing applications were secure, dependable, and ready to meet the rigorous demands of the global healthcare industry.



Neysa's mission is to democratise AI by providing the perfect, happy place for it to thrive. For this MedTech leader, that home has become the launchpad for their next generation of life-saving solutions.

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