edgeconnex®

ingenuity
Built to suit, designed for AI

EdgeConneX Ingenuity: Built to Suit, Designed for AI
Expert Guidance Through Every Step of Your AI Deployment Journey

Developed Collaboratively with AI Leaders

We developed Ingenuity in close collaboration with our AI and hyperscale customers, partners and supplier ecosystem. Ongoing engagement with the leading data center industry standards bodies as well as chip and server manufactures ensures high-quality design, future-proofed product roadmaps, and best-in-class operations.

Built for the World's Most Demanding AI Providers

Some of the most advanced AI deployments around the world are already running in our data centers. Ingenuity customers include the industry's largest AI providers and neoclouds and their respective applications, including AI cloud, Large Language Model (LLM) training, as well as some of the biggest AI inferencing deployments in the world.

Future-Proof Data-Center-as-a-Backplane

Like a backplane in circuitry, our AI-enabled data center serves as a foundation upon which AI deployments can run. The design is flexible to support a range of cooling technologies, which allows for evolving density requirements as technologies change over time. It's adaptable to support future densities in cost-effective manner as compute technologies evolve. Together, flexibility and adaptability mean the data center is future-proof to protect your investment in AI servers and equipment.

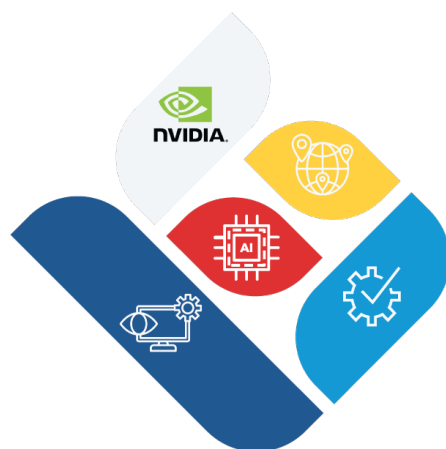## Ingenuity Differentiators

NVIDIA DGX CERTIFIED PARTNER
EdgeConneX works closely with NVIDIA to collaborate and ensure we have the technical solutions in place to support the power and cooling requirements for AI chips as the innovation cycles evolve.

PROVEN AI SOLUTIONS
We have been expertly supporting leading AI and hyperscale customers for years with high-density solutions in multiple markets around the world.

FULL TRANSPARENCY
Actively view your AI/HPC deployment with our proprietary platform for real-time remote management and monitoring.
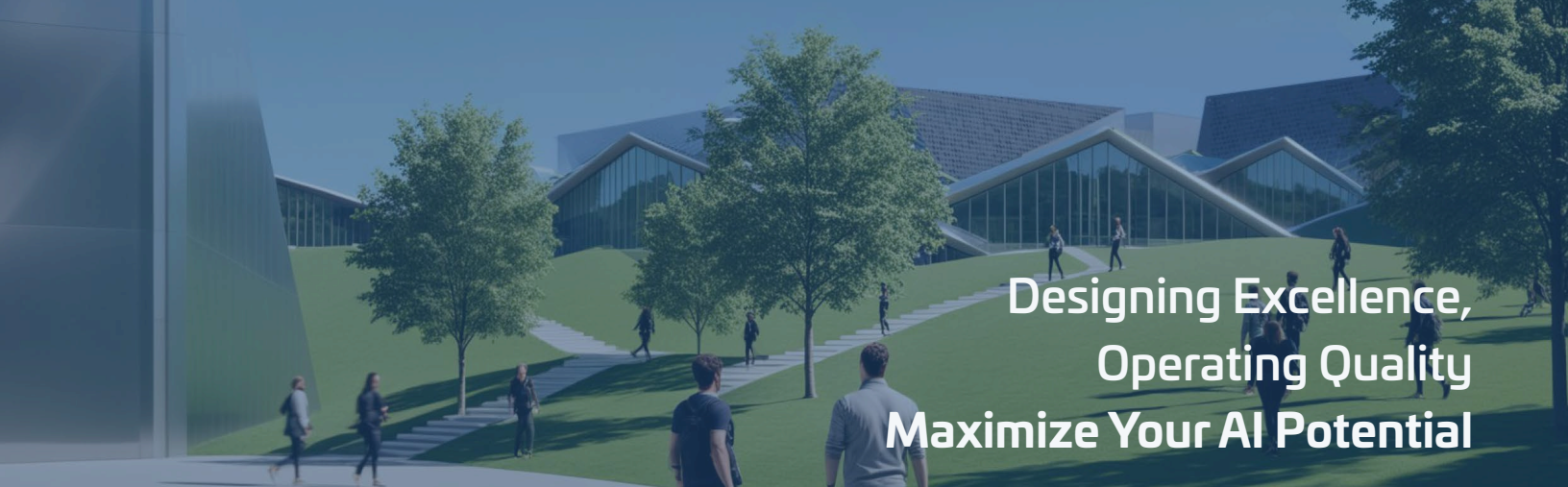

GLOBAL PLATFORM
From hyperscale campuses meant for large AI training deployments to hyperlocal edge facilities ideal for AI inferencing, we have the global platform and the experience to support HPC, AI training and AI inferencing anywhere in the world.

OPERATIONAL EXCELLENCE
Delivering an AI-enabled data center solution is about the technology, the implementation, and the day-to-day execution. Our Ingenuity solution has industry-leading SOPs, MOPs, and EOPs to ensure a best-in-class experience.

Ingenuity Advantages

Flexible to Support Rack Densities 10-600kW+

- Accommodating a variety of power density and cooling requirements for GPU, CPU, storage, and networking, Ingenuity supports dedicated training and inferencing workloads as well as mixed workloads, all within the same data center.

- We have the flexibility to balance varying IT loads within same data hall, leveraging built-in thermal storage for continuous cooling capabilities.

- Our enhanced data halls include higher ceilings for incremental infrastructure like liquid piping, electrical infrastructure, and bulk fiber connectivity, along with reinforced concrete floors for the heavier weight load of liquid-cooled equipment.

Adaptable to a Variety of Cooling Technologies

- A future-proofed data center design is flexible to meet today's requirements and also scale for tomorrow's needs—supporting air, water, or immersion cooling technologies.

- Each data hall can adapt to support a mix of air cooling and liquid cooling technologies, including the accommodation of different air to liquid ratios as defined by the equipment manufacturer.

- With reinforced buildings and decoupled electrical systems, Ingenuity supports a full range of rack densities and cooling technologies and can scale as needed over time.

Future-Proof to Protect Your AI Investment

- Ingenuity enables technology transitions over the next 15 to 30 years, preventing obsolescence of the data center.

- Ingenuity's commercial model allows for defined monthly base rent over 15+ year term, with optionality for technology updates based on density changes and covered with NRCs.

- Scalability of land, power, capacity, and density means we can sustainably support what you want, at the scale you want, and in the markets where you need capacity.

EDGECONNEX HAS AN EXTENSIVE PEDIGREE DELIVERING NEXT GENERATION SOLUTIONS

We have a long track record of data center innovation that is first and foremost focused on our customers' needs. Partner with EdgeConneX and our wide range of high-density data center solutions to help to future-proof your evolving AI and HPC deployment needs, for both now and years to come.

For questions, contact: ai@edgeconnex.com
For more information, visit: www.edgeconnex.com

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