

HKT launches AI Superhighway solution Asia's first 800Gbps Wide Area Network for AI and Supercomputing

HKT (SEHK: 6823) – HONG KONG, 17 February 2025 – HKT today announces the launch of Asia's first¹ 800Gbps² Wide Area Network solution based on CE2.0 technology, the AI Superhighway, serving enterprises in Hong Kong.

HKT's 800Gbps AI Superhighway is a dedicated, fibre-based private network that provides super high-speed, ultra-low latency, reliable and highly secure network connections. It is designed to meet the increasing demand from businesses and institutions for advanced supercomputing capabilities driven by AI, machine learning, cloud services, edge computing and other data-intensive applications utilising high-performance computing.

The cutting-edge solution enables the rapid transfer of large datasets for LLM (Large Language Model) based AI model training and supports AI inference applications utilising high-performance computing resources, such as genomics and scientific simulations, and AI agent assist and virtual agents in contact centres.

Steve Ng, Managing Director of Commercial Group, HKT, said, "HKT recognises the ever-evolving nature of AI and Supercomputing, with new standards and technologies emerging. Our commitment is to accelerate enterprise AI adoption and connect AI and Supercomputing resources across data centres in Hong Kong and from AI data centres to research institutes, universities and enterprises. AI Superhighway provides not only ultra speed and low latency connections, but also protects sensitive and precious enterprise data when using AI, laying the foundation for advanced technology developments in Hong Kong."

Ricky Kwong, Head of Network Planning and Operations, Engineering, HKT and CEO, Fibre Link Global, said, "As a leading technology solutions enabler, HKT is committed to offering future-proof services for our customers. Our AI Superhighway solution, with specification speed of up to 800Gps, facilitates the interconnection of AI and Supercomputing clusters between data centres and remote access from R&D centres. Particularly, our AI superhighway is designed with optimised fibre routes among Tseung Kwan O, Chai Wan and Kwai Chung data centre regions, delivering low latency connections with 800Gps links."

Key benefits of the AI Superhighway include:

- **Robust protection:** AI requires large datasets for training, which raises privacy concerns. As a private circuit, it ensures robust security for sensitive data transfers.

- **Enhanced productivity and efficiency:** The solution offers unmatched speed and efficiency, enabling real-time data processing and faster completion of data-intensive tasks.
- **Scalability:** It allows easy bandwidth upgrades and rapid deployment of new AI services and applications without bandwidth limitations.
- **High Reliability:** It provides superior reliability with robust redundancy and failover mechanisms.
- **Cost effectiveness:** By consolidating multiple lower-speed connections into a single ultra-speed link, businesses can reduce infrastructure complexity and potentially reduce costs.

Flexible plans are available, ranging from fixed rental on large bandwidth to usage-based payment options, allowing enterprise customers to opt for a plan that best suits their needs.

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1. Based on publicly available information as of 12 February 2025, HKT is the first telecom operator in Asia to offer an 800Gbps specification speed private network solution based on CE2.0 technology.
 2. The 800Gbps speed specification refers to a maximum downstream bandwidth of 800Gbps and maximum upstream bandwidth of 800Gbps. The actual speed that user experiences using the services may be less than the network specifications and will be affected by device, technology, network, the software used and the network configuration and other extraneous factors.

About HKT

HKT is a technology, media, and telecommunication leader with more than 150 years of history in Hong Kong. As the city's true 5G provider, HKT connects businesses and people locally and globally. Our end-to-end enterprise solutions make us a market-leading digital transformation partner of choice for businesses, whereas our comprehensive connectivity and smart living offerings enrich people's lives and cater for their diverse needs for work, entertainment, education, well-being, and even a sustainable low-carbon lifestyle. Together with our digital ventures which support digital economy development and help connect Hong Kong to the world as an international financial centre, HKT endeavours to contribute to smart city development and help our community tech forward.

For more information, please visit www.hkt.com.
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