

HKT joins hands with Kai Tak Sports Park Limited and Hip Hing Engineering to achieve 5G smart construction

The city's first construction site with a dedicated 5G network infrastructure

HKT (SEHK: 6823) – HONG KONG, February 3, 2021 – HKT joins hands with Kai Tak Sports Park Limited (KTSP) and Hip Hing Engineering Company Limited (Hip Hing Engineering) in a cross-industry partnership to realise Hong Kong's largest sports infrastructure, which is also the first construction site in the city to be equipped with a dedicated 5G network infrastructure. Together with a series of 5G applications, the project will revolutionise the construction industry and set new benchmarks in smart construction.

Kai Tak Sports Park's world-class sports facilities will strengthen sports development in Hong Kong. HKT, KTSP and Hip Hing Engineering share the common goal of achieving smart construction and have equipped the Sports Park's construction site with dedicated 5G coverage. 5G-powered applications such as mobile management system, robotics and Internet of Things (IoT), will boost work efficiency and communication among construction personnel.

Within the 28-hectare construction site, HKT has built a dedicated 5G network consisting of 5G base stations and numerous 5G routers and Wi-Fi access points. This reliable network empowers real-time simultaneous collaboration between site personnel of about 2,000 people, and enables large files and huge amount of data to be transmitted at a speed 20 times faster than 4G. 5G also optimises Building Information Modelling (BIM) and increases project constructability while saving time and cost. HKT is also delivering a 5G mobile management system at the construction site. Aiming to minimise cabling works while optimising management quality, 4K HDR cameras have been installed on tower cranes. These cameras with zoom-in function can capture and track individual movements or activities in specific areas of the construction site in real time, empowering effective remote monitoring of the site, and greatly enhancing safety in lifting operation. Kai Tak Sports Park project team will consider applying more Artificial Intelligence (AI) technology on the construction site to minimise the health and safety risks of workers.

Mr. Kenneth Ma, Executive Director of Hip Hing Engineering and Director (Design and Build) of KTSP, said, "Our vision is to turn Hong Kong into a world-class smart city through our construction expertise, as well as our partnerships with like-minded key stakeholders. People-centric design is the core principle to build a smart city. We strive to make use of the latest technology to ensure the safety of workers, to keep track effectively on our project plan and schedule for the project owners, and to set a good standard for the local construction industry. We are delighted to join hands with HKT to use 5G technology in the construction site of the city's most iconic sports infrastructure, to raise the entire safety performance, in the extent to efficiency, precision and accuracy. In the future, I hope that 5G smart infrastructure solutions will pave new grounds for the construction industry!"

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Mr. Tom Chan, Managing Director of Commercial Group, HKT, said, “HKT strives to revolutionise the construction industry with 5G development and emerging technologies such as IoT and AI applications. HKT is honoured to participate in this project with Hip Hing Engineering to construct a world-class sports infrastructure in Hong Kong. Through different 5G applications, we boost the BIM performance and make construction safer, smarter and more efficient. It accelerates our progress to help meet the three important goals in the construction industry: total safety, on-time project delivery, and efficiency in construction budget control.”

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Mr. Tom Chan, Managing Director of Commercial Group, HKT (left) and Mr. Kenneth Ma, Executive Director of Hip Hing Engineering and Director (Design and Build) of KTSPL, join hands to provide 5G smart construction for Kai Tak Sports Park.

About HKT

HKT (SEHK: 6823) is Hong Kong's premier telecommunications service provider and a leading innovator. Its fixed-line, broadband, mobile communication and media entertainment services offer a unique quadruple-play experience. HKT meets the needs of the Hong Kong public and local and international businesses with a wide range of services including local telephony, local data and broadband, international telecommunications, mobile, media entertainment, enterprise solutions and other telecommunications businesses such as customer premises equipment sales, outsourcing, consulting and contact centers.

HKT is the first local mobile operator to launch a true 5G network with differentiated value-added services. Backed by its substantial holding of 5G spectrum across all bands and a robust and extensive fiber backhaul infrastructure, HKT is committed to providing comprehensive 5G network coverage across the city.

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HKT delivers end-to-end integrated solutions employing emerging technologies such as 5G, cloud computing, Internet of Things (IoT) and artificial intelligence (AI) to accelerate the digital transformation of enterprises and contribute to Hong Kong's development into a smart city.

Riding on its massive loyal customer base, HKT has also built a digital ecosystem integrating its loyalty program, e-commerce, travel, insurance, FinTech and HealthTech services. The ecosystem deepens HKT's relationship with its customers thereby enhancing customer retention and engagement. For more information, please visit www.hkt.com.

About Kai Tak Sports Park

Kai Tak Sports Park is a fully integrated sports, leisure and entertainment destination that is expected to be completed in the second half of 2023. The 28-hectare park will be part of the redevelopment on the site of the former Hong Kong International Airport at Kai Tak. The Sports Park will feature a 50,000-seat Main Stadium with a retractable roof, an Indoor Sports Arena with up to 10,000 seats, and a Public Sports Ground with a capacity of 5,000 seats. These venues will be complemented with extensive public open space together with retail and dining area, making the sports and entertainment events in each venue more exciting. For more information, please visit www.kaitaksportspark.hk.

About Kai Tak Sports Park Limited

Kai Tak Sports Park Limited (KTSPL) is the contracted party for the design, build, and operation of Kai Tak Sports Park. The KTSPL project team comprises renowned local and global industry leaders with extensive experience in the design, construction, venue management, sales and marketing, retail and operation of large scale projects, as well as the management of major sports venues. Key members include Hip Hing Engineering, Populous and ASM Global.

About Hip Hing Engineering Company Limited

Hip Hing Engineering Company Limited is wholly owned by NWS Holdings Limited (Hong Kong Stock Code: 659). Hip Hing Engineering has grown to become one of the leading contractors in Hong Kong. During this time we have been trusted by our clients to construct many of the landmark buildings which define Hong Kong. The professional construction services provided by Hip Hing Engineering have contributed to the development of Hong Kong and its economy. With the adoption of the latest innovation and technology, Hip Hing Engineering is committed to shaping a better living environment for the people of Hong Kong. For more information, please visit www.hiphing.com.hk.

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This press release is distributed by HKT, Kai Tak Sports Park Limited and Hip Hing Engineering.

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