PCCW Global and UniStrong collaborate to deliver new and exciting global positioning technologies to the aviation and telecommunications industries

HKT (SEHK:6823) - Hong Kong / Beijing, March 30, 2020 – PCCW Global, the international operating division of HKT, Hong Kong's premier telecommunications service provider, and Beijing UniStrong Science and Technology Corporation Limited (UniStrong), a world leading spatial-temporal product and service provider, will collaborate in the rapidly growing field of Global Navigation Satellite System (GNSS) technologies, unlocking exciting new concepts and services especially suited to the telecommunications and aviation industries.

There are currently four global navigation satellite systems, namely BDS, GPS, GLONASS and Galileo, which are capable of providing global positioning, navigation, and timing (PNT) services. The collaboration between PCCW Global and UniStrong will extend the value of this technology further, linking satellite positioning to 5G mobile networks to provide positioning data accurate to within centimeters, thereby creating advantages that will unlock a wealth of new services for telecommunications providers rolling out new networks to support Internet of Things (IoT), smart cities and the aviation industry.

UniStrong's extensive experience in developing high-precision products, solutions and services will enable PCCW Global to integrate new services with 5G mobile infrastructure, providing High-Precision Positioning (HPP) accurate down to centimeter levels. This integration of precision positioning expertise and technologies has the potential to revolutionize industries such as commercial drone operations, autonomous vehicles and transportation, logistics, construction, agriculture and others.

This integration of leading edge technologies will also enable the provision of smart aviation solutions for airport authorities. Based on high-precision positioning and navigation technology, new airports will be able to leverage smart civil construction works that will facilitate safer and more efficient airport operations. These aviation technologies will also be able to integrate with a wide variety of IoT sensors, edge computing capabilities, machine vision and other AI technologies to create intelligent surveillance platforms capable of managing and enhancing many aspects of airport safety and efficiency.

The installed base of GNSS devices in use globally is forecast to increase from 6.4 billion in 2019 to 9.6 billion in 2029, with Asia-Pacific continuing to account for more than half of the global GNSS market. In terms of global annual GNSS receiver shipments, the market is forecast to grow from 1.8 billion units in 2019 to 2.8 billion units in 2029, according to a 2019 market report by the European Global Navigation Satellite Systems Agency (GSA).

Mr. Benney Cheng, Head of Strategic Project and Development, PCCW Global, said, "As a global ICT service provider with extensive high speed fiber networks and cloud services coverage worldwide, we are delighted to cooperate with UniStrong with the aim to offer unique, game-changing solutions in Satellite High Precision Positioning (SHPP) and Continuous Operating Reference Station (CORS) solutions ideally suited to the new era of 5G, IoT and smart cities."

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Dr. Jun Shen, Corporate Vice President and Chief Scientist of UniStrong, said, “The cooperation between UniStrong and PCCW Global will further promote the development of professional solutions and applications that are oriented towards global users’ needs. Based on GNSS technologies, and deeply integrated with communication technologies, Big Data, Industry 4.0, IoT, artificial intelligence and other technologies, these solutions will empower and influence more industries and countries, and promote BDS/GNSS global applications and international services worldwide.”

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About PCCW Global

PCCW Global is the international operating division of HKT, Hong Kong’s premier telecommunications service provider, which is majority-owned by PCCW Limited. Covering more than 3,000 cities and 160 countries, the PCCW Global network supports a portfolio of integrated global communications services including connectivity, applications, and tailored solutions facilitated by its on-demand digital software defined interconnection system.

PCCW Global is headquartered in Hong Kong, and maintains regional centers in Australia, Belgium, China, France, Greece, Japan, Korea, Singapore, South Africa, the United Arab Emirates, the United Kingdom and the United States of America. To learn more about PCCW Global, please visit www.pccwglobal.com.

About HKT

HKT (SEHK: 6823) is Hong Kong's premier telecommunications service provider and leading operator in fixed-line, broadband and mobile communication services. It 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, enterprise solutions, and other telecommunications businesses such as customer premises equipment sales, outsourcing, consulting, and contact centers.

HKT offers a unique quadruple-play experience in Hong Kong delivering media content on its fixed-line, broadband Internet access and mobile platforms jointly with its parent company, PCCW Limited.

HKT also provides a range of innovative and smart living services beyond connectivity to make the daily lives of customers smarter, whether they are at home, in the workplace, or on the go. Consumers and merchants alike may also enjoy HKT’s financial-related services such as mobile payment, smart mobile point-of-sale solutions, and insurance.

For enterprises, HKT delivers end-to-end integrated solutions employing emerging technologies such as cloud computing, Internet of Things (IoT) and Artificial Intelligence (AI) to accelerate their digital transformation, contributing to Hong Kong’s development into a smart city.

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The Club is HKT's loyalty program and one of the largest of its kind in Hong Kong, not only offering a variety of privileges and benefits to enrich the lifestyle of members, but also increasingly amalgamating merchants and becoming an integral part of a new digital ecosystem connecting consumers and merchants.

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

About UniStrong

Founded in 1994, Beijing UniStrong Science Technology Corporation Limited (UniStrong, 002383.SZ) is one of the pioneers in the positioning, navigation, and timing (PNT) industries and a leader in the geospatial market. With a vision *of "Being a Leading Provider of High-Precision Professional Products, Solutions, and Services in the Global Geospatial Marketplace,"* UniStrong has built up a global architecture of product research, development, production, and marketing, with facilities located worldwide, including China, USA, Canada, Italy, Japan, Singapore, Thailand, and Pakistan, etc.

UniStrong pioneered in launching a location service platform "China LBS", a global satellite-based augmentation system platform "Atlas", and a high-precision time synchronization system "China Time". Along with its main brands, *UniStrong*, *Hemisphere* and *Stonex*, UniStrong offers a full spectrum of products and services along the entire geospatial industrial chain, including innovative products and services for OEM/ODM (Original Equipment/Design Manufacturer), machine control and guidance, survey and mapping, GIS (Geographic Information Systems), L-band correction services, marine, field mobile worker, monitoring, and unmanned systems markets. UniStrong's products and services have been sold to over 90 countries and regions. For more information about UniStrong, please visit UniStrong's company website at www.unistrong.com.

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