

SmarTone Unveils ‘5G LAB’ to Showcase Hong Kong’s World-class 5G Innovation and Solidify City Status as a Global 5G Leader

(Hong Kong, 4 May 2021) SmarTone today unveiled the 5G LAB, located at the iconic sky100 Observation Deck of the International Commerce Centre (ICC). The display features some of Hong Kong’s newest 5G applications, as well as emerging applications globally. This LAB aspires to inform the public of the latest trends on 5G’s development in Hong Kong, and how the 5G infrastructure will support Hong Kong’s development as a Smart City and a digital hub.

Contrary to public perception, Hong Kong is, in fact, a leader in 5G development. Hong Kong now has the third highest 5G coverage in the world, behind only the Mainland and South Korea. Hong Kong is ahead of Singapore, Europe and the US in network deployment, but the success of 5G takes more than just a robust network; it requires an ecosystem-wide collaboration amongst universities, startups, industry-leading technology companies etc. The 5G LAB aims to bring these players together and further strengthen this ecosystem in Hong Kong.

5G as a Cornerstone for Hong Kong’s I&T Future

“The launch of the 5G LAB echoes our brand value of ‘building homes with hearts’ and represents another step in SHKP’s journey to leverage technology for smarter living. 5G is a critical infrastructure that will enable Hong Kong to become an international innovation and technology hub, as outlined in the National 14th Five-Year Plan. 5G will also help Hong Kong’s drive to become a Smart City and in its further integration with the Greater Bay,” said Mr. Raymond Kwok, Chairman and Managing Director, Sun Hung Kai Properties Limited.

“SmarTone is proud to play a key role in building Hong Kong’s digital infrastructure and enabling the city to become a global 5G leader. SmarTone has invested heavily in developing a world-class 5G network, in terms of speed, quality and coverage. This 5G LAB aspires to provide businesses and citizens with ideas and inspiration on how to leverage this infrastructure,” said Mr. Allen Fung, Deputy Chairman and Executive Director, SmarTone.

Hong Kong's Fast-growing 5G Ecosystem

SmarTone is leveraging the government's strong support for 5G to build momentum for the ecosystem. The government's approach in releasing 5G spectrum quickly and at a fair price has significantly helped 5G development and investment. The Subsidy Scheme for Encouraging Early Deployment of 5G has been successful in encouraging public and private sectors in developing 5G-related applications. SmarTone is working on several key 5G projects with different partner companies based on this scheme alone.

These measures lay the ground for even wider 5G adoption and mobile innovation. Using the 5G LAB as a key platform, SmarTone will lead industry collaboration by embarking on a vision to elevate daily lives with new 5G customer experiences, plus enhance enterprise services and operational efficiency with game-changing 5G applications.

5G is not "for the future"; it is here now. SmarTone 5G offers full coverage across Hong Kong, covering all MTR stations, key commercial buildings and shopping malls. SmarTone is the only operator in Hong Kong offering 5G coverage in the Tai Lam Tunnel, and it has also extended its outstanding 5G coverage to popular country parks, campsites and hiking trails.

Interested visitors can explore the SmarTone 5G LAB by visiting <http://5g.smartone.com/5GLab> for information on ticket offers.

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5G innovative applications

<p>Tai Lam Tunnel – Smart Safety Monitoring</p>	<ul style="list-style-type: none"> • High-speed transmission of high-definition 4K videos and visuals from tunnel areas to control room • Identification of jaywalkers, triggering real-time alerts • Safeguard road users, improve traffic safety and operational efficiency • Other projects: such as managing construction sites and wildfires
<p>SmartWorks</p>	<ul style="list-style-type: none"> • An integrated smart construction management system • Smart devices on workers' helmets can be linked to different on-site safety systems to achieve access management, personnel detection, automobile locking and safety alert functions • Issue alerts in case of emergency to prompt immediate response • Enhance worker safety, oversee worker wellbeing and improve operation efficiency
<p>Smart Helmet</p>	<ul style="list-style-type: none"> • Monitor worker location and health condition in real time • Continuous assessment of worker heat stress risk level, prompting additional support when needed • Notifies worker of whether the helmet is worn properly • In case of a fall, the helmet will sound an automatic alert while notifying control centre for timely support • Worker can press SOS button on the helmet for emergency assistance
<p>Smart Mall Management</p>	<ul style="list-style-type: none"> • Uplift customer experience • Identify customer footfall for mall zones and shops planning • Implement operational strategies based on data analysis to drive traffic and sales

Smart Health	<ul style="list-style-type: none"> • Provide remote assistance to paramedics on ambulance • Provide real-time guidance to paramedics on the move from clinics or hospitals through a connected glove with haptic feedback • Enable immediate remote patient assessment
Smart Home Daily	<ul style="list-style-type: none"> • Remote learning with synchronised visuals and audio on both ends and real-time interactions • Seamless streaming and scrubbing of high-definition movies with no waiting needed • Synchronised visuals and audio with no pixilation during video calls; share moments from your life with loved ones anytime
Tele-operated Driving	<ul style="list-style-type: none"> • Transmit large numbers of high-definition visuals and videos • Give drivers from multiple locations real-time control over vehicles • Other applications: logistics, surveying of dangerous areas, transportations and more
VR Cycling	<ul style="list-style-type: none"> • Explore the great outdoors while riding bikes indoors • Transmit large amounts of data in an extremely short time • Showcase an immersive 360° representation of Google Street View • Friends and family can join in on the work out remotely and enjoy the same experiences
Smart Restroom	<ul style="list-style-type: none"> • Get real-time restroom occupancy data • Staff can manage restrooms remotely and follow up when needed • Monitor air quality, waste bin fill-level and supplies stock level