

SmarTone collaborates with start-ups to put forth the SmarTone 5G Innovation Hub with 5G live demo

(Hong Kong, 21 Jan 2020) SmarTone today announced the collaboration with start-ups to put forth the SmarTone 5G Innovation Hub with a new wave of 5G live demo. In collaboration with Formula Square, a start-up of the Hong Kong Science and Technology Parks, SmarTone orchestrated the 5G high-speed and low-latency connectivity, comprising 3.3 GHz and 28 GHz frequency bands, to support the live demo and live broadcast.

Established in 2017, SmarTone 5G Innovation Hub encourages cross-industry collaboration with start-ups and business partners to co-create 5G use cases and trial them on its pre-commercial 5G network. We have been proactively exploring a wide span of use cases that will benefit from 5G's high speeds, ultra-low latency and massive connectivity.

These 5G live demonstrations included:

- SmarT Health – a 5G-connected ambulance embracing healthcare innovations that allows doctors to provide remote assistance to treat patients in movable vehicles. Also, remote assessment of a patient and ultrasound procedures can be conducted inside an ambulance using a special haptic glove controlled by a doctor remotely through a specially designed joystick.
- SmarT Inspection – 5G-connected drones can operate beyond visual line-of-sight range that supports inspections and high-risk tasks as well as providing instant updates in large-scale facilities such as theme parks.
- SmarT Works – an award-winning smart construction solution, enabled by IoT sensors, to ensure construction workers' safety and enhance construction operational efficiency. Leveraging the 5G technology, the solution will include more advanced features.
- SmarT 5G Café – A 5G-connected barista can take orders and serve customers with robot-made coffee. The robot arm can then transfer the coffee to a coffee-printing machine where a photo or graphic can be printed on the foam of the coffee.
- SmarT Fashion – An AR-enabled tee allows for ongoing customisation with constantly evolving designs and visuals. The customisable digital shirt can be updated through a mobile app while users can see the tee design via the mobile app or smart glasses.
- eMotorSports – Model cars connected to 5G can respond immediately to an obstacle, thanks to low latency and high speed of 5G.

SmarTone CEO Ms Anna Yip said, “Entering the 5G era, SmarTone will continue to accelerate 5G and smart city development in Hong Kong. As the leading mobile network operator in Hong Kong, we see the limitless opportunities for 5G to provide innovative solutions to enterprises in different sectors. Through digitalisation, enterprises can solve their pain points while enhance productivity and efficiency. SmarTone collaborates with start-ups to co-create 5G digital ecosystem and unleash the possibilities of 5G. It is important for Hong Kong to ride on the new wave of innovations and opportunities brought by 5G to live up to its Smart City vision.”

SmarTone is the leading 5G trailblazer in Hong Kong and has been proactively preparing for the 5G era since January 2017 when it conducted the first 5G technology demo in Hong Kong. The company demonstrated its technology prowess by setting up the SmarTone Innovation Hub, completing the first field trial and commercial use of Licensed-Assisted Access (LAA), carrying out a massive MIMO trial and pioneering Hong Kong’s first 5G live field trial in both 3.5 GHz and 28 GHz bands simultaneously.

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