



Towngas and Henderson Land Jointly Introduce 5G Technology to Malls Providing a New Smart Shopping Experience

(2 April 2020) Towngas Telecommunications Company Limited (TGT), a wholly owned subsidiary of The Hong Kong and China Gas Company Limited (Towngas), has cooperated with Henderson Land Development Company Limited (Henderson) in introducing 5G mobile communication application service to Henderson's shopping malls, bringing a high speed, low latency and stable 5G experience to customers.

TGT's brand new 5G mobile communication application service was first launched at Henderson's shopping malls — MCP Metro City Plaza Phase 2 and 3 in Tseung Kwan O as well as MOSTown in Ma On Shan — on 1 April 2020. Visitors to the malls who are equipped with a 5G mobile phone and a 5G data plan are able to fully experience the high internet speed of the new 5G technology.

The technology deployed by TGT is different from the traditional mobile communication network setting that uses antennas outside the mall to transmit signals. Instead, TGT installs indoor antennas and systems on each floor of the mall to bring outdoor signals into the mall. Combined with its self-built 100G backbone optical fibre network, TGT boosts the mobile communication experience by greatly enhancing 5G mobile signal coverage in the malls.

Compared with 4G, 5G is nearly 10 times faster in speed and around 10 times less in latency*, enabling users to enjoy the fun of surfing the internet.

The communication infrastructure built by TGT is a carrier-neutral system. Mobile communication providers can cooperate with TGT to share the infrastructure through the latter's unified rental and management services. It is targeted to create a mutually beneficial business environment, so as to offer customers with more choices. TGT will work closely with telecommunications providers and industry partners to promote mobile communication and smart city developments.

*Source: IEEE Spectrum <https://spectrum.ieee.org/telecom/wireless/telecom-experts-plot-a-path-to-5g>

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Press Photo:



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