

### Creating a “One World” mobile experience with cross-boundary and cross-industry 5G applications 5G 跨地域跨領域應用 令世界更為一

Hutchison Telecommunications ( Hong Kong ) Limited  
和記電訊 (香港) 有限公司



5G will not only work wonder for mobile service quality, but also broaden the scope of industry applications.  
5G 除了提升流動通訊服務的質素外，其應用層面五花八門，涵蓋各行各業。

The 5G new era has opened up new opportunities in the telecoms industry as well as bringing new challenges and re-shaping mobile users' everyday life. 5G networks, complete with ultra-fast speed, super-low latency and mass connectivity, enable the telecoms industry to achieve a breakthrough in throughput and industry applications, while unprecedentedly adding a new dimension to the globe.

5G will not only work wonder for mobile service quality, but also broaden the scope of industry applications. Telecoms operators have taken the initiative to collaborate with enterprises in different industries to develop new use cases by integrating 5G with other advanced technologies. As a result, 5G industry applications related to the major aspects of life – “food, housing, transport, clothing and entertainment” have flourished, laying a solid foundation for the development of a smart city.

5G 新時代的來臨，為電訊業開創新機遇，同時亦帶來新挑戰，我們的日常生活亦因 5G 而邁向另一新境界。5G 憑藉高速、低時延和萬物互連的特性，在速度和應用方面均有突破性的發展，為全球帶來前所未有的新景象。

5G 除了提升流動通訊服務的質素外，其應用層面五花八門，涵蓋各行各業。因此，電訊商積極與不同領域的企業聯手，結合 5G 與其他先進科技，發展各式各樣的應用，讓 5G 融入日常生活的衣、食、住、行和娛樂等領域，亦為智慧城市奠下重要基石。

### Combining 5G with advanced technologies to create new apps for all sectors

The implementation of 5G networks with advanced technologies helps accelerate the development of a smart city. For example, the adoption of 5G with artificial intelligence and big data in a smart property surveillance solution will help with real-time monitoring of the safety of construction sites with high-definition images. Alerts can be sent out to users when potential security issues arise. Another example is a remote transport network management solution, in which image analysis, coupled with cloud computing and edge computing capabilities, are used in precise and comprehensive data analysis. Analysed data will then be swiftly transmitted to the user via a 5G network. In addition, the Internet of Things (IoT) system, when implemented together with 5G, means that the huge demand for mobile broadband generated by massive connectivity is well catered for.

The integration of 5G into enterprises' digital transformation strategies can also help corporates revolutionise conventional business models, raise work efficiency and market competitiveness while facilitating Hong Kong's development into a smart city. The 5G corporate market has a lot of potential as 5G helps create unlimited business opportunities.

### 3 Hong Kong's launch of 5G applications to cater for different industries

Transforming into a digital operator and leveraging 5G strengths, 3 Hong Kong has been actively developing 5G solutions to tap into the great potentials of 5G for different industries. We are able to draw on CK Hutchison (CKH) Group's operations such as retail, property and port operations to explore, develop and tailor 5G applications for specific vertical markets. Group companies of the CKH Group also provide genuine scenarios for the deployment of certain corporate solutions and help showcase 5G strengths.

3 Hong Kong earlier unveiled the "3.OneWorld" strategy to redefine mobile communications and help customers lead international digital lifestyles. Along this theme, the 3Innocity programme was launched to support start-ups, industry leaders and scientific industry leaders by combining the latest applications with the latest technologies to accelerate the building of an IOT 5G ecosystem. Some innovative applications have been launched since then. Our "3Gamer" portal also enables gamers to play thousands of popular online games on our 5G network and enjoy super low-latency.

*The implementation of 5G networks with advanced technologies helps accelerate the development of a smart city.*

5G 網絡結合先進科技，加速了智慧城市的發展。

### 5G 結合先進科技 為各行各業帶來嶄新應用

5G 網絡結合先進的科技，加速了智慧城市的發展。例如，將 5G 和人工智能及大數據結合，再運用到物業監察技術上，能實時高清監察地盤工程，在遇到潛在保安問題時即時發出警報；遙距交通網絡管理，需利用影像分析、雲計算和邊緣運算作全面和精密的資料分析，再透過 5G 網絡即時傳送分析數據；物聯網配合 5G 網絡，則能滿足因萬物互連而衍生的龐大網絡連線需求。

5G 技術應用領域廣泛，配合數碼轉型，能革新企業的營運模式，提升工作效率和市場競爭力，並有助推動香港成為智慧城市。由此可見，5G 的企業市場潛力龐大，為各行各業創造了無限商機。

### 3 香港打造多元化應用方案 迎合不同行業需要

3 香港致力轉型為數碼營辦商，近年積極發展 5G 應用方案，善用 5G 優勢為各行各業創造無限可能。3 香港是長和集團的成員，而長和系在香港營運多個不同行業，包括零售、地產及貨櫃碼頭業務等，有利 3 香港發展和開拓各行各業的 5G 垂直應用。除了提供實際場景，方便構思企業方案，在方案推出市場後，亦可率先應用於長和系的公司，向市場展示 5G 的強大優勢。

3 香港以「3.世界為一」的理念，定下重要發展策略，突破流動生活界限，帶領客戶邁進國際數碼生活。3 香港陸續開拓了一系列的項目和應用，當中包括推出「3 智城」計劃，支持初創、業界翹楚及科研專才，網羅最新應用方案，加快共建 5G 和物聯網的生態圈，至今已研發出多項嶄新應用。3 香港的「3Gamer」遊戲平台，則讓遊戲玩家透過 3 香港的 5G 網絡，以單一平台玩盡數千款人氣網絡遊戲，盡享低時延的暢快體驗。





3 Hong Kong introduces the “5G LIVE Up” broadcasting solution with tailored service plans for corporate and individual customers.  
3 香港推出 5G LIVE Up 直播方案，為企業及個人客戶度身設計服務計劃。

Our 3Care protection platform has also launched service plans to help protect the health of customers and family. An example is a newly launched virtual medical consultation service called “VDoctor” in collaboration with a virtual insurer. Using this app, patients can interact with a doctor and get a diagnosis online, while doctors can prescribe medication and diagnose an illness virtually - all on our 5G network. Going forward, 5G will also be adopted in our 3Money Fintech platform to enable customers to make quick decisions in the fast-paced financial market.

Amid the volatile market environment caused by the Covid-19 pandemic, 3 Hong Kong introduced the “5G LIVE Up” broadcasting solution with tailored service plans for corporate and individual customers, assisting personal trainers, tutors and internet influencers to broadcast live on our 5G network. The solution works for business-to-business (B2B), business to consumer (B2C2C) and business to consumer (B2C) models. It has pioneered a new business model by lowering the barriers to entry to professional 5G live broadcast. Users can now go live via our 5G network in real time anywhere with ease.

## 5G will gradually become popular as ecosystem develops quickly

3 Hong Kong, in line with the “5G One World” theme, will continue to achieve mass connectivity for different sectors and industries. We will put in 100% effort to explore cross-boundary and cross-industry applications to create an all-round 5G service experience for users in the 5G era. ●

在醫療方面，3 香港的 3Care 保障平台透過推出不同類型的服務計劃，全力保障客戶和家人的健康，當中包括與虛擬保險公司推出遙距問診服務，透過 3 香港的 5G 網絡，醫生可觀察病人的情況、與病人對話和初步診斷。而 3 香港的金融科技平台 3Money，亦將加入 5G 元素，讓客戶在爭分奪秒的金融市場運籌帷幄。



3 Hong Kong launches a virtual medical consultation service called “VDoctor” in collaboration with a virtual insurer to help protect the health of customers and family.

3 香港與虛擬保險公司推出遙距問診服務，全力保障客戶和家人的健康。

面對市場環境受疫情持續而不斷變化，3 香港推出 5G LIVE Up 直播方案，為企業及個體戶包括私人教練、興趣班導師和網絡紅人 (KOL) 等度身設計服務計劃，滿足企業對企業 (B2B)、企業對客戶對客戶 (B2C2C) 和企業對客戶 (B2C) 等不同商業模式的需要。5G LIVE Up 直播方案以低成本開拓全新生意營運模式，透過 3 香港先進的 5G 網絡，以簡便易攜的攝錄器材，隨時將家居或辦公室變成開 Live 場地，直播更達到專業水準。

## 5G 生態圈迅速發展 預期逐漸普及

踏入 5G 新世代，3 香港將秉持「5G•世界更為一」的理念，為不同領域和行業，實現 5G 的萬物互聯互通，開拓多元化和嶄新的跨地域、跨領域應用，打造全方位的 5G 服務體驗。 ●