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Congratulations to the Communications Association of Hong Kong (CAHK) on the publication of the “2025 Official Guide to ICT Industry in Hong Kong”.

Artificial intelligence (AI) has become an irreversible trend in today’s technological development. The applications of AI are increasingly seen in various industries, facilitating enterprises in boosting productivity and improving mode of operation, thereby promoting innovation and further development. AI is indeed a catalyst for accelerating the development of “new quality productive forces”.

Telecommunications and AI are inextricably intertwined. Advanced mobile communications networks and technologies, including the widespread adoption of the fifth generation (5G) mobile communications technology, are crucial for fuelling the development and application of AI technologies. Since the launch of commercial 5G services in April 2020, 5G coverage has now reached over 90% of the Hong Kong population, with more than 6 million users. The cutting-edge technical characteristics of 5G including high speed, high capacity, high reliability, massive connectivity and low latency communications can support efficient data transmission and processing, forming a strong basis for AI applications. The applications of AI also help optimize communication systems using big data to enhance performance of communication networks and various devices. Therefore, combining AI with 5G development can bring new opportunities for building smart cities, improving business operations and enhancing various public services.

In recent years, the Government has also been working closely with the industry and implementing various measures to support the development of more advanced mobile communications services, including the implementation of the Telecommunications (Amendment) Ordinance 2024, which requires all new and redeveloped buildings to reserve space for mobile network operators to install and operate radio base stations. The Government is also taking forward a series of initiatives announced in the 2023 Policy Address to ensure timely supply of suitable spectrum, to provide subsidies to expand mobile communications infrastructure in rural and remote areas, to enhance 5G coverage and capacity at major public event venues etc., enabling the public to enjoy quality mobile communications services and laying a more solid foundation for further AI development.

As a pioneer in the industry, the CAHK has always spearheaded collaboration with the trade. I highly commend CAHK’s efforts and look forward to continuing our close cooperation to jointly promote innovation and development in the communications industry.

恭賀香港通訊業聯會出版《2025 香港通訊業概覽》。

人工智能（AI）已成為當今科技發展一大趨勢，而人工智能的應用亦越來越廣泛，有助企業提高生產效能及改進營運模式，促進各行各業的創新和發展，實在是提速發展「新質生產力」的催化劑。

通訊與人工智能的關係密不可分。先進的流動通訊網絡及技術，包括第五代流動通訊（5G）的普及，對進一步支持人工智能技術的發展及應用至關重要。香港自2020年4月推出5G的商用服務後，現時5G已覆蓋逾香港九成人口，用戶更已達六百多萬人。5G具有高速、大容量、超可靠、大規模連接和低時延通訊等尖端技術特性，能夠支援數據的高效傳輸和處理，為人工智能技術的應用奠定了堅實的基礎。人工智能的應用亦有助優化通訊系統，利用大數據優化通訊網絡的性能及各項設備。因此，若能將人工智能結合5G的發展，可為智慧城市的建設、商業運作甚至各項民生服務帶來新機遇。

近年，政府與業界通力合作，並推行措施以支援發展更先進的流動通訊服務，包括實施《2024年電訊（修訂）條例》，要求所有新建及重建樓宇均預留地方讓流動網絡商裝設及運作無線電基站，以及落實一系列2023年《施政報告》的建議措施，適時供應合適的頻譜、透過資助擴展鄉郊和偏遠地區的流動通訊基礎建設、提升大型活動場地的5G覆蓋及容量等，讓市民享受到更優質的流動通訊服務，並同時為進一步發展人工智能提供更穩固的基礎。

香港通訊業聯會作為業界的翹楚，一直領導業界互相合作，我對聯會的工作深表肯定，亦期望與貴會繼續保持緊密合作，共同推動通訊行業的創新與發展。