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On behalf of Cyberport, I would like to extend my congratulations to the Communications Association of Hong Kong (CAHK) on the publication of the 2025 Official Guide to ICT Industry in Hong Kong.

This year's theme, "AI in Communications," is timely and critical as we are in the era of digitalization and artificial intelligence (AI). The ever-changing technologies are set to revolutionize the entire communications landscape.

Among them, AI technology is addressing key challenges and driving innovation across the communications industry. Gone are the days when the telecoms offered basic solutions like phones and internet services for communications. As time goes by, the industry is at the forefront of the widespread use of frontier technologies – AI including deep learning, machine learning, and natural language processing, 5G, and the Internet of Things (IoT) – to extract valuable insights, simplify operational complexities, optimize network capacity, enhance customer satisfaction, and increase revenue, making them crucial technologies for staying competitive.

AI's integration into various mediums has evolved from automating routine tasks to enhancing creativity and efficiency. This synergy combines data-driven insights with creative storytelling, leading to personalized and engaging user experiences.

AI also enables organizations, including those in the broadcasting industry, to create hyper-targeted content through user analysis. Simultaneously, the rise of Generative AI is reshaping creative processes across various domains such as visual arts and filmmaking, from generating visuals to crafting narratives. This powerful technology empowers artists and creators with new tools and workflows, streamlining production and unlocking fresh creative possibilities.

Undoubtedly, there is a strong demand for AI supercomputing capacity and AI solutions. To help promote Hong Kong as a smart city, Cyberport is fully committed to establishing the city's first large-scale AI Supercomputing Centre (AISC), with the first phase facility expected to start operating within this year. This facility will be pivotal in providing the computational power necessary for advanced AI research and development.

Moreover, Cyberport supports more than 200 startups specializing in the R&D and application of AI and big data, with two of them, Votee AI and YouToo Robot, being selected into the "WAIC 2024 Future Tech 100", highlighting Hong Kong's innovative strength and international competitiveness in the field of AI.

AI has been widely applied, notably in enhancing humanoid robots to achieve more detailed, precise, and human-like operations. Humanoid robots are considered the next breakthrough in AI, Cyberport gathers around 100 start-ups specializing in robots and IoT and continues to empower this ecosystem with AI technology. Among them is Roborn, an incubatee alumnus of Cyberport, which developed China's first 5G motion control humanoid robot, showcasing Hong Kong's achievements in R&D.

Through collaboration with community members and leading international and mainland tech companies, including iFLYTEK, Cisco, Baidu, Huawei, D2 intelligence, etc., Cyberport propels research, innovation, and the

application of AI across industries.

As a result, I believe a concerted effort from all of us can help develop Hong Kong into an international I&T hub, thereby enhancing Hong Kong's overall competitiveness.

In conclusion, AI's integration into communications is not just a trend but a profound shift towards a more efficient, innovative, and engaging future. Cyberport looks forward to collaborating closely with CAHK and other strategic partners to harness the full potential of AI in communications.

我謹代表數碼港，衷心祝賀香港通訊業聯會出版《2025 香港通訊業概覽》。

今年的主題「通訊領域中的人工智能」恰逢其時，而且意義重大，因為我們正處於數字化和人工智能（AI）的大時代，科技日新月異將徹底改變整個通訊領域。

其中人工智能技術正在應對通訊業的重大挑戰，並成為推動行業創新的核心動力。傳統電訊界提供電話和網絡通訊服務等基礎服務，隨著時代變遷，通訊業正站在時代前沿，廣泛應用如人工智能（包括深度學習、機器學習和自然語言處理）、5G 和物聯網（IoT）等尖端技術。這些技術有助於挖掘數據價值、簡化運營流程、優化網絡容量、提升客戶滿意度並增加收入，是企業保持競爭力的關鍵。

人工智能與各類媒體的融合，已不再局限於自動化日常任務，更趨向於提升創造力和效率。這種協同效應將數據驅動的洞察與富有創意的敘事手法互相結合，打造出個人化且引人入勝的用戶體驗。

人工智能也讓包括廣播等各行各業的機構能夠透過用戶分析，打造高針對性的內容。同時，生成式人工智能（Generative AI）的興起，也為視覺藝術、影視製作等領域的內容創作帶來革新，從視覺效果到故事創作，這項技術為藝術家和創作者提供了新的工具和工作流程，簡化了製作過程並解鎖了新創作可能性。

毫無疑問，人們對人工智能超算能力和人工智能解決方案的需求與日俱增。為助力香港成為智慧城市，數碼港正全力興建全港首座具規模的人工智能超算中心（AISC），首階段設施將於年內提供服務。該設施將人工智能研究和開發提供至關重要的算力支援。

此外，數碼港支援超過 200 間主力研發及應用人工智能及大數據的初創公司，其中兩間公司：Votee AI 和友圖科技（YouToo Robot）更獲世界人工智能大會選為「WAIC 2024 未來之星 100 強」，彰顯香港在人工智能領域的創新實力和國際競爭力。

人工智能用途廣泛，更能讓人形機械人實現更細緻、精準和人性化的操作，人形機械人也被視為人工智能領域的下一個突破點。數碼港匯聚約 100 間與機械人或 IoT 相關的初創企業，將繼續以人工智能技術為生態圈賦能，當中數碼港培育計劃（CIP）畢業生路邦（Roborn）因研發出全中國第一台 5G 動感控制仿生機械人，令不少人認識到香港科研成果。

數碼港透過社群以及積極與領先的國際和內地科技公司合作，包括科大訊飛、思科、百度、華為和聞歌國際等推動科技研發，促進人工智能在各行各業的應用。我們希望能攜手推動香港發展成為國際創科中心而努力，藉以提升香港整體的競爭力。

總括而言，人工智能融合至通訊不僅是趨勢，更是一場變革，引領我們邁向更高效、更創新和更具吸引力的未來。數碼港期待與香港通訊業聯會和其他策略合作夥伴繼續緊密合作，充分發揮人工智能在通訊領域的巨大潛力。