

SECTION I DEFINITIONS

In this report, unless the context otherwise requires, the following terms and expressions have the following meanings:

2C/2H/2B/2G	To Customer/To Home/To Business/To Government
4G	4th generation mobile communication technology
5G	5th generation mobile communication technology
6G	6th generation mobile communication technology
A Share(s)	Shares of the Company issued in mainland China, listed on domestic stock exchanges and subscribed and traded in RMB
AIDC	Artificial Intelligence Datacentre
ARPU	Monthly average revenue per user
Artificial Intelligence/AI	Technology science that researches and develops theories, methodologies, technologies and application systems for simulating, extending and expanding human intelligence
Big Data	Massive, real-time and diversified data information that can be recorded, collected, developed and utilised, and big data-based mining and processing technology
Board/Board of Directors	The board of directors of the Company
CHBG	Customer, Home, Business, Government
China Comservice/CCS	China Communications Services Corporation Limited (中國通信服務股份有限公司)
China Telecom/the Company	China Telecom Corporation Limited (中國電信股份有限公司), or where the context so requires, refers to China Telecom Corporation Limited and its subsidiaries
China Telecom Digital Intelligence Technology	China Telecom Digital Intelligence Technology Co., Ltd. (中電信數智科技有限公司), formerly known as China Telecom System Integration Co., Limited (中國電信集團系統集成有限責任公司)

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China Telecom Finance/Finance Company	China Telecom Group Finance Co., Ltd. (中國電信集團財務有限公司)
China Telecom Global	China Telecom Global Limited (中國電信國際有限公司)
China Telecommunications	China Telecommunications Corporation (中國電信集團有限公司), formerly known as China Telecommunications Corporation (中國電信集團公司), the controlling shareholder of the Company
China Tower	China Tower Corporation Limited (中國鐵塔股份有限公司)
Chinese Accounting Standard/ China Accounting Standards for Business Enterprises	The Basic Standard of the Accounting Standards for Business Enterprises issued by the Ministry of Finance, and the specific accounting standards, application guidelines, interpretations and other relevant regulations subsequently revised
Cloud/Cloud Computing	An Internet technology that provides flexible and on-demand services to external users through the Internet with pooled cluster computing capabilities
Company Law	The Company Law of the PRC
Computing Power	The ability of computer equipment or computing centres/datacentres for processing information, i.e., the ability of computer hardware and software to cooperate to perform certain computing needs
CSRC	China Securities Regulatory Commission
Dual Listing Rules	The Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited and The Rules Governing the Listing of Stocks on the Shanghai Stock Exchange
E-surfing Pay	E-surfing Pay Co., Ltd (天翼電子商務有限公司)
EFLOPS	FLOPS, Floating-Point Operations Per Second, which is commonly used to estimate computer performance; "E" stands for "Exa" and means 10^{18} ; therefore EFLOPS implies 10^{18} times of floating-point operations per second
FTTR	Fibre to The Room

Guangdong Rising	Guangdong Rising Holdings Group Co., Ltd. (廣東省廣晟控股集團有限公司), formerly known as Guangdong Rising Assets Management Co., Ltd. (廣東省廣晟資產經營有限公司)
H Share(s)	Shares of the Company that are registered in mainland China, issued outside mainland China, listed on the Stock Exchange and subscribed and traded in Hong Kong dollars
IDC	Internet Datacentre
IFRS Accounting Standards	IFRS Accounting Standards, amendments and interpretations issued from time to time by the International Accounting Standards Board
Internet of Things/IoT	Various sensory devices that are based on computer and communication technology, using cellular mobile network, wired network, wireless network, etc. to complete the transmission, coordination and processing of information, so as to realise the network of communication between objects and things, and communication between objects and people
Listing Rules/Hong Kong Listing Rules	The Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited
MaaS	Model as a Service
MIIT	Ministry of Industry and Information Technology
NICES	The 5-in-1 integrated solution which covers Network capabilities, Intelligence capabilities, Cloud computing capabilities, Elements capabilities and Service capabilities
PON	Passive Optical Network
PQC	Post Quantum Cryptography, which refers to cryptographic technologies and relevant algorithms capable of resisting quantum computer attacks
Prospectus	The prospectus in connection with the initial public offering of A Shares of China Telecom Corporation Limited
QKD	Quantum Key Distribution, which refers to the remote key distribution leveraging the physical properties of quantum such as indivisibility, non-replication, and uncertainty

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Quantum-encrypted Messages and Calls	The new generation of secure work applications based on quantum security technology which facilitates the secure transmission and storage of important calls and work messages and provides users with encrypted calls, instant messaging and secure collaborative work services
Quantumctek	Quantumctek Co., Ltd.
RDO	Fundamental research (R), applied technological research and development (D) and operational development (O)
Reporting Period	Period from 1 January 2024 to 31 December 2024
SASAC	State-owned Assets Supervision and Administration Commission of the State Council
Securities Law	The Securities Law of the PRC
SSE	Shanghai Stock Exchange
SSE Listing Rules	The Rules Governing the Listing of Stocks on the Shanghai Stock Exchange
Stock Exchange/ Hong Kong Stock Exchange/HKSE	The Stock Exchange of Hong Kong Limited
WBBA	World Broadband Association
