

*Consolidate the foundation of
a strong nation and promote
integrated development*



Consolidate the foundation of a strong nation and promote integrated development

China Unicom consistently adheres to innovation-driven development, committing to building a digital foundation with broader coverage, superior quality, and intelligent reliability. We are actively expanding new spaces for the digital economy, creating new paradigms for digital life, providing solid support for thousands of industries and hundreds of millions of users, and co-creating a smart and beautiful digital future.



Measures adopted in 2025

- The Company continuously enhanced the breadth of network coverage and the scale of computing power, constructed an integrated deployment of “land, sea, and sky networks” and a green and centralised computing power system, and fortified the foundation of a Cyber Superpower.
- Centring on customer experience, the Company deepened intelligent network operations and centralised resource management, ensuring network security and reliability, and promoting cost reduction, efficiency enhancement and service upgrades.
- The Company built the “Unicom Smart Home” platform and a series of digital and intelligent products to provide one-stop smart home and personal digital services.
- Focusing on key sectors such as manufacture, government affairs, medical care and education, the Company promoted industrial digital transformation through platform capabilities and AI technology to serve the construction of a Digital China.
- The Company drove brand building through technological innovation, enhanced international influence, shaped the “national team” brand image, and strengthened user trust and market competitiveness.



Actions to be taken in 2026

- The Company will strengthen 5G continuous coverage and co-building and co-sharing, promote the on-demand deployment of 5G-A, proactively plan for satellite trial networks and 6G research.
- The Company will strengthen scenario-based transformation for government-enterprise leased lines, the Internet of Things (IoT) and the Internet of Vehicles (IoV), enhance international connectivity capabilities, and achieve the transition from scale expansion to value enhancement.
- The Company will proactively deploy computing power nodes featuring integrated communication-intelligence synergy and training-inference capabilities, strengthen resource density in key regions such as the Beijing-Tianjin-Hebei region, the Yangtze River Delta and the Greater Bay Area, and enhance computing power reserves and green efficiency.
- The Company will continuously construct the “New Eight Vertical and Eight Horizontal” backbone optical fibre cable network and 400G all-optical base, tackle key technologies such as diverse heterogeneous chip compatibility and computing power pooling, and create a computing power product system with cloud-network-edge-terminal synergy.
- The Company will achieve breakthroughs in key technologies such as next-generation Internet, artificial intelligence and big data, and construct an “AI Cloud + Agent” service platform; strengthen regional synergy, improve the cross-provincial allocation mechanism for computing power resources, and serve the coordinated development of various regions in the country.

Providing strong support for a Cyber Superpower and Digital China

China Unicom consolidates new digital infrastructure, and enhances the breadth, depth and precision of its network coverage. We are proactively positioning for an integrated space-ground network to create ubiquitous, intelligent, pervasive, high-speed, efficient and reliable digital pathways.

Network Capability Enhancement and Upgrade

China Unicom is accelerating the construction of high-speed broadband networks with a refreshed architecture, meticulously crafting premium networks for government and enterprise customers, and continuously promoting an integrated deployment of land, sea and sky networks.

Strengthening Mobile Network Coverage

We continuously promote the construction of mobile networks and continuously deepen the Internet of Things (IoT) featuring the coordinated development of 5G/4G, so as to enhance mobile network coverage and user perception.

• We achieved continuous 5G coverage in areas at and above the township level. 5G-A carrier aggregation has been activated in all cities nationwide, and RedCap has achieved large-scale commercial launch in over 330 cities.

• We are steadily promoting the integrated development of space, air and ground. We obtained the business permit for satellite mobile communication services and officially launched the “Unicom Satellite” business, providing communication services such as direct-to-satellite connection for industrial terminals and emergency support.

Over
1.54 million 5G
mid-band base stations

Over
2 million 4G mid-band
base stations available

Over
1 million low-band
base stations available

Cumulative number of IoT
terminal connections reached
723 million

Case Study

China Unicom Shanghai has directly addressed the communication challenges posed by an average daily passenger flow of over 10 million in the Shanghai Metro. On the basis of achieving full 5G-A network coverage, it has significantly enhanced the network quality and stability of underground spaces by establishing a systematic practical path encompassing coverage quality control, innovative optimisation and digital operations.



Shanghai Metro Network Perception Evaluation Platform

Case Study

Gansu Jiuquan Unicom has directly confronted the challenges of extreme environments and innovated networking solutions, successfully resolving the practical difficulty where the core desertification control area is located in a Gobi no-man's land with a long-term lack of basic communication network coverage, thereby forming replicable experience for communication construction in frontier regions and ecological protection zones.



China Unicom Establishes “Communication Lifeline” in Gobi No-Man's Land

Upgrading Broadband Network Capabilities

We are continuously improving network coverage, accelerating the evolution of network architecture, continuously upgrading gigabit capabilities and maintaining industry leadership, actively promoting the pilot deployment of 10-gigabit broadband networks, and serving the high-quality development of the economy and society with superior network capabilities.

- Broadband coverage reached 580 million households, of which gigabit fibre optic network covered 470 million households; the broadband experience download speed increased by 13.6% year-on-year.

- BNC deployment was completed in 20 cities, with an access capacity for 2.22 million users.

Building premium Government and Enterprise Networks

We are continuously promoting the construction of government and enterprise premium networks with ultra-wide coverage, ultra-large bandwidth, ultra-low latency and ultra-high reliability.

- The OTN government and enterprise premium network covers over 45,000 access points, and the coverage rate of intelligent metropolitan area network aggregation zones remains at 100%.

- We continuously enhanced the coverage scale of commercial and enterprise buildings and strengthened the depth of coverage, with the cumulative coverage scale of commercial and enterprise buildings exceeding 190,000.

Strengthening Computing Power Infrastructure

China Unicom has seized the opportunities arising from the AI proliferation, focused on promoting the development of the next-generation Internet, and concentrated its efforts on building new computing power infrastructure.

Accelerating AIDC Construction

- We have launched a campaign for the construction of intelligent resources, with the total scale of IDC resources across the entire network exceeding 1.1 million standard racks, and have created seven 100-MW-level ultra-large-scale AIDC demonstration parks in core areas to meet the deployment requirements of intelligent computing centralised training clusters.

- Strengthening the synergy between computing and power as well as green and low-carbon development, the Qinghai Sanjiangyuan project creates a demonstration of green power and intelligent computing integration, with 100% direct green power supply, wind-solar-storage-charging, full consumption of clean energy, and a design PUE as low as 1.19, reaching national Grade 1 energy efficiency.

Strengthening AINet Construction

- We are continuously promoting the deployment of the “New Eight Vertical and Eight Horizontal” backbone fibre optic cable network, with the communication service capacity of the backbone fibre optic cable network reaching 198,000 kilometres. We are focusing on the coverage of national computing power hubs such as Beijing-Tianjin-Hebei, Guangdong-Hong Kong-Macao, the Yangtze River Delta and Chengdu-Chongqing, creating basic capabilities for massive data transmission.

- Relying on the “New Eight Vertical and Eight Horizontal” backbone optical cable network, and centring on national hubs and key nodes, a dual-plane heterogeneous 400G ROADM system has been completed, with continuous grid densification and enhanced 400G network coverage.

Planning AI Computing Power Construction

- A tiered deployment consisting of training centres, integrated training and inference hubs, and localised inference has been preliminarily established, forming over 300 computing power resource pools with integrated training and inference capabilities.

- To safeguard the implementation of the ABC Plan and satisfy the demand for AI-empowered internal and external applications, the total intelligent computing scale has reached 45 EFLOPS.

Case Study

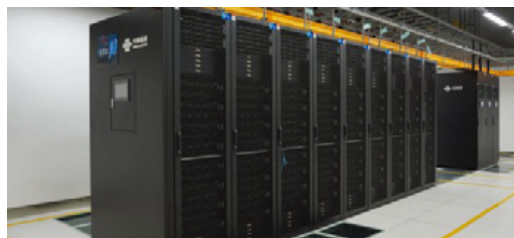
China Unicom has deeply participated in the construction of Nanjing's data infrastructure, successfully achieving the country's first bidirectional cross-domain data transaction through the deployment of self-developed connectors and basic support platforms, thereby activating data value.



Achievements in Data Infrastructure Interconnectivity Released at the Big Data Expo

Case Study

Zhengzhou Unicom has constructed the first public artificial intelligence computing centre in the Central Region. The utilisation rate of the centre's computing power has remained stable at over 70% for a long period, providing computing power services to more than 10 government units in aggregate, and indirectly driving the scale of the server, software and technical service industries to exceed several billion yuan.



A rendering of the China Unicom Zhengzhou Artificial Intelligence Computing Centre

Strengthening Global Network Infrastructure

China Unicom continues to strengthen its international infrastructure deployment, building a solid foundation for transforming its international business into a new growth pole for high-quality development.

Strengthening International Network Capabilities

- Submarine cable resource capacity reached 246T.
- Global product PoP capacity reached 450, with interconnections established with over 180 international internet networks, and total international interconnection bandwidth exceeding 6.7 Tbps.

- Our network resources reach 63 countries and regions globally, and mobile roaming services reach 264 countries/regions.

Enhancing the Level of International “Connectivity”

- With Singapore, Japan, Malaysia, Indonesia, Frankfurt, and others as key pivots, the Company gradually constructed a global computing power service network with extensive coverage and flexible allocation.
- Unicom Cloud has been deployed in more than 330 geographical regions globally, with a presence in over 300 data centers.
- Construct high-efficiency and energy-saving intelligent computing centers, and achieve AI intelligent diagnosis and precise power regulation through smart operation platforms to continuously improve energy utilization efficiency.

Enhancing the operational level of new infrastructure

China Unicom adheres to a customer experience-centric approach, continuously promoting the integration of operations, delivery, support and services, and striving to provide users with higher quality and more efficient communication services.

Consolidating the Quality Foundation to Create a High-quality Network Experience

We have solidly promoted the “Three-Year Action for Mobile Network Quality Improvement”, resulting in significant enhancements in network coverage, capacity and user experience, with the effectiveness of the action continuing to consolidate and manifest.

- The excellent experience rate of voice services increased to 96.95%, and the self-tested satisfaction rate of fixed-line broadband networks continued to rank first in the industry. We organized and carried out special rectification work for potential hazards and faults in the broadband network, with the number of large-scale faults decreasing by 49% year-on-year.
- We continuously expanded and optimized the IP backbone network, with the annual average latency of IPv4 and IPv6 within the network maintaining an industry-leading position

Enhancing Network Efficiency and Consolidating the Foundation for the Company’s High-quality Development

- Driven by business needs, the efficiency of network-wide resource revitalisation and the level of wireless resource utilisation have been significantly enhanced through measures such as network streamlining, and construction via reuse.
- We strive to construct and improve a business-driven full-lifecycle management system for broadband terminal resources. We have promoted a significant increase in the effective utilisation rate of FTTH ports, and continuously optimised the efficiency of overall network resources through the precise implementation of inefficient equipment disposal.

Strengthening Network Innovation to Create Sustained Momentum for the Development of Network Operations

We deeply drive cost reduction, efficiency enhancement, security and low-carbon development via AI and centralised platforms. We empower the digital transformation and upgrading of various industries by creating diversified and innovative products.

Consolidating the Foundation of Intelligent Network Operations

We have built an industry-leading centralised digital-intelligent infrastructure platform, thereby effectively driving the transformation and upgrading of network operations towards intelligence and automation.

- We deeply implemented the Artificial Intelligence Plan A, and successfully launched a series of AI-powered high-value scenario agents featuring human-machine (agent) collaboration and 120 digital application scenarios.
- The inspection agent provides inspection operation guidance for front-line personnel, achieving an intelligent assistance rate of over 50% for core equipment room inspection tasks and improving inspection efficiency by over 20%.
- The high-risk command control agent achieves real-time control of high-risk commands for core networks, proactively identifying high-risk command operations and abnormal account behaviours to ensure network operation security.
- Base station energy-saving agents achieve precise prediction of energy-saving base station cells and automatically generate multi-period and multi-mode combined energy-saving schemes, increasing the proportion of high-efficiency energy saving by over 60%.

Deepening Innovation in Integrated Products

- Targeting new scenarios and requirements such as enterprise networking, intelligent computing training and inference, and private network cloud access, the Group has developed innovative products including “All-Optical Smart Enterprise”, “Data Express”, and “5G Smart Cloud Private Network”.
- Build core network innovation capabilities oriented towards intelligent network management and control as well as network security, and strengthen the unified orchestration and allocation of network capabilities and standardised output based on OpenGateway.

Leading a better digital and intelligent life

China Unicom continues to create integrated smart home solutions and actively expands innovative practises in the field of digital-intelligent life, building a convenient, comfortable and sustainable digital-intelligent life for users.

Leading the New Smart Home Experience

We are continuously deepening our smart home strategy and are committed to becoming a leading integrated provider of home digitalisation services, creating a wonderful digital life experience of “high-speed connection, intelligent perception and scenario linkage” for users through powerful platforms, diversified products and an open ecosystem.

- Continuously consolidate the “Unicom Smart Home” unified platform. Leveraging the advantages of 5G, gigabit optical networks, and cloud-network integration to achieve unified management of home networks, smart devices, and applications, providing a solid foundation for smart home services.
- Focus on core portals and scenario-based solutions. Integrating products and services such as smart security, health monitoring, and home entertainment to provide “terminal + application + service” one-stop smart home solutions, providing users with a richer smart life experience.
- Unicom Whole-house Intelligence creates a more convenient and efficient smart home living experience for users. Using the China Unicom Smart Home app as the portal and large, medium, and small screen terminals as the carriers to innovate a rich variety of smart home applications.

Enjoying a High-quality Digital and Intelligent Life

China Unicom has continuously carried out diversified exploration and practise in the field of digital and intelligent living products and services, actively responding to and helping to satisfy the growing demand of the people for a high-quality and intelligent life through the continuous optimisation of product design and user experience.

Cloud-AI Handset/Computers

A brand new cloud AI service featuring high computing power, large storage, and enhanced intelligence launched for public users, which breaks through terminal hardware limitations and seamlessly expands the boundaries of computing power, storage, and AI, providing users with a brand new experience of cloud-based office work, entertainment, and multiple identities anytime and anywhere.

Unicom Cloud Drive

A smart storage service product based on 5G networks that integrates secure storage of massive data, home content sharing, and unlimited-speed data transmission, aiming to satisfy the needs of individual/home users for personal exclusive use, home sharing, cloud backup, and smart terminal storage.

Unicom Security Guardian

An innovative intelligent secure communication product providing users with anti-fraud and anti-harassment alerts and interception services for calls/SMS. Currently, the number of users has exceeded 210 million, and the cumulative number of call interceptions and reminders provided throughout the year has exceeded 5.6 billion, achieving all-round protection.



Unicom Cloud-AI Handset



Unicom Cloud Drive

Promoting digital and intelligent technologies to benefit industrial development

China Unicom resolutely implements the overall planning and deployment of the Digital China construction, and continues to deepen the profound integration of digital technology with the “Five-in-One” overall development planning of the economy, governance, culture, society, and ecological civilisation. It drives the improvement of quality and efficiency in production methods, the convenience and inclusiveness of lifestyles, and the precision and efficiency of governance methods through digitalisation, networking, and intelligence, contributing China Unicom’s strength to the construction of Digital China.

Facilitating the High-quality Development of the Digital Economy

Adhering to “networking as the foundation, digitalisation for breakthroughs, and intelligence for leaps”, we focus on building competitive advantages in industrial private networks, the Gewu Unilink platform, industrial big data, and the UniAI Wanwu Agent development platform, fully empowering the construction of new industrialisation to achieve deeper and more substantive progress.

- We have created over 5,000 benchmark projects for digital and intelligent factories, developed over 33,000 industrial models, and connected over 13 million units of industrial equipment.
- We have implemented over 34,000 industrial internet projects, with more than 9,000 5G factories established, achieving comprehensive coverage across all 41 industrial categories of the national economy.
- We were awarded two First Prizes of the Science and Technology Award of the China Institute of Communications, and one Second Prize of the Metallurgical Science and Technology Award of the China Iron and Steel Association and The Chinese Society for Metals.

Case Study

Unicom Digital Tech joins hands with partners to establish an artificial intelligence joint laboratory, leveraging large models to facilitate the high-quality development of China State Shipbuilding Corporation. The efficiency of generating software detailed design reports has increased tenfold, with the time consumed compressed from 3 hours to 15 minutes. It won the first prize in the specialized competition of the “2025 China Industrial Cybersecurity and Artificial Intelligence Application Scenario Innovation Challenge” (CICAS), helping the shipbuilding industry improve quality and efficiency.



China Unicom Rides the AI Wave to Help the Shipbuilding Industry “Brave the Wind and Waves”

Case Study

Leveraging its technological advantages in the industrial internet and artificial intelligence, China Unicom has joined hands with partners to create a digital human instructor training system driven by the synergy of multi-modal large models and small models, significantly improving the onboarding efficiency and operational compliance of new employees, and helping the electronic manufacturing industry resolve pain points such as high turnover of new employees, long training cycles, and difficulties in unifying operational standards.



China Unicom Assists the Electronics Industry in Implementing an Intelligent Training System for New Employees

Promoting the Intelligent Enhancement of Digital Government Services

China Unicom continues to upgrade its digital government service capabilities, fortify the digital foundation for government affairs, strengthen data integration and application, upgrade the economic and social intelligent twin system, empower the construction of a China under the rule of law, and promote the upgrading of governance.

Digital Government

We are deeply implementing the “Artificial Intelligence +” and “Data Element ×” actions, and actively serving the digital and intelligent operations of the government.

- We have continuously upgraded the economic and social digital twin system, which has served over 20 ministries and commissions and over 80 local governments, becoming the preferred service provider for the government in the field of economic development monitoring.
- We built the “Labour Connect” smart governance platform to comprehensively assist in reducing burdens and increasing efficiency at the primary level. As the sole technical support unit joining the “Single Form Platform” task force of the National Data Bureau, we supported the deployment and implementation of provincial platforms in more than 10 provinces, including Sichuan, Yunnan, Beijing and Henan.
- We have deeply participated in the preparation of the “National E-government External Network 5G Private Network Access Specifications and Security Requirements” and related specifications, and have deployed more than 100 provincial and municipal government-specific UPFs, representing the fastest rollout among operators.
- We actively participated in the 2025 “Data Element ×” Competition, being the telecommunications operator with the largest number of awards and the widest coverage of fields in this competition. Among our entries, the “Guangdong-Hong Kong-Macao Greater Bay Area Data Special Zone Infrastructure Project” won the first prize in the Urban Governance track.

Case Study

China Unicom invested in and constructed the “Data Special Zone” infrastructure project in the Guangdong-Hong Kong-Macao Greater Bay Area, and successfully applied for the first batch of “National Data Infrastructure Pilot Projects”, effectively resolving the data circulation challenges of the ultra-large-scale urban agglomeration under the “one country, two systems, and three jurisdictions” in the Greater Bay Area.



Guangdong-Hong Kong-Macao Greater Bay Area “Data Special Zone” Infrastructure Construction Project

Smart Cities

We are relying on digital intelligence technology to promote the full-domain digital transformation of cities, facilitate the intelligent innovation of urban governance systems, the intelligent evolution of urban service models, and the intelligent leap of urban economic development, so as to assist in achieving a new urban form of high-quality development.

- Leveraging “digital-intelligence integration, digital-real integration and AI reconstruction” as key drivers, we are developing a core capability architecture comprising “all-domain transformation applications + all-dimensional transformation foundations + all-process transformation ecosystems”.

- Focusing on the six major areas of refined urban governance, reduction of grassroots burdens, integration of industry and city, grassroots governance, urban resilience and safety, and green and liveable cities, we have upgraded 12 self-developed products through intelligence integration and added 6 new self-developed smart city products, reaching a cumulative total of 59 products.

Providing professional services for more than

1,500 smart city projects nationwide

Case Study

Based on the new infrastructure foundation and the Internet of Things (IoT) perception platform, spatio-temporal information platform, and typhoon and flood prevention platform, etc., we achieve the upgrading of urban functions, enhancement of governance efficiency, and improvement of people's livelihood quality, assisting the Fuzhou New Area in its development into a digital-empowered, liveable and business-friendly modern demonstration new area.



Fuzhou New Area Comprehensive Smart City

Smart Legal Affairs

Focusing on key areas such as new legal infrastructure, political and legal data security and legal digitalisation, we provide comprehensive full-chain solutions to inject strong digital momentum into the advancement of the rule of law in China.

Case Study

China Unicom Smart Legal Affairs Taskforce has developed a legal language model, creating more than 10 industry agent applications such as law enforcement assistants and anti-fraud AI early warning. Among these, the timely completion rate of the court's 12368 smart litigation service platform reached 99.94%, and public satisfaction levels were all close to 100%, delivering a heartwarming performance in judicial services for the people.



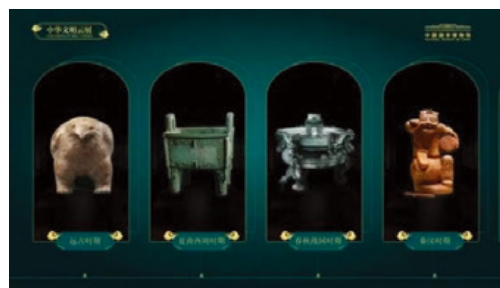
Court 12368 Intelligent Litigation Service Platform

Promoting the Multi-facet Prosperity of Digital Culture

We are thoroughly implementing the cultural digitalisation strategy, empowering the digital transformation of the cultural tourism industry with innovative technology, developing products and services such as AI Cloud Exhibition and AI Companion Tour for cultural and museum venues, continuously satisfying the growing cultural needs of the people, and disseminating the outstanding achievements of Chinese civilisation.

Case Study

Leveraging cultural and museum metaverse technologies such as holographic imaging, digital humans, and VR virtual museums, China Unicom has created an online portal for the “Ancient China Exhibition” of the National Museum of China, superimposing the UniAI large model with digital human functions to bring the outstanding achievements of Chinese civilisation to the audience in a more vivid form.



Digital Intelligence Empowers the Upgrade of the “Cloud Exhibition of Chinese Civilization” of the National Museum of China

Case Study

China Unicom constructs the national cinema distribution network infrastructure for China Film Co., Ltd. Based on network and CDN capabilities, providing high-quality network assurance for content transmission, platform operation and maintenance, and cinema live streaming for nearly 13,000 cinemas nationwide, achieving rapid and efficient distribution of film sources to cinemas across the country, and boosting the digital transformation and integrated innovation of the Chinese film market.

Demonstrating the Advantages of Convenience in a Digital Society

Smart Transportation

Focusing on key scenarios such as the digital transformation and upgrading of transportation infrastructure, the low-altitude economy and vehicle-road-cloud integration, we are deeply integrating cutting-edge digital technologies such as 5G and artificial intelligence large models, creating an integrated support platform of “computing power-network-data-intelligence”, and continuously empowering the construction of a green, resilient and inclusive modern comprehensive transportation system through technological innovation.

Case Study

China Unicom integrated product capabilities including 5G-A, AI, big data, IoT and security to provide an integrated comprehensive solution for low-altitude flight for Guangzhou Development District Communications Investment Group Co., Ltd., assisting in the creation of a nation-leading low-altitude flight service network and empowering the construction of the core area of a national-level unmanned aerial aviation experimental zone.



China Unicom Low-altitude Economy Integrated Monitoring Platform

Smart Education

We are actively implementing the strategy of strengthening the country through education, focusing on the integrated deployment of “Cloud, Network, Big Data, Intelligence and Security”, and creating a digital capability system covering all scenarios of education management, teaching, evaluation, service and security, to fully assist the digital transformation and intelligent upgrading of the education industry.

- Strategic cooperation has been entered into with the Ministry of Education, 21 provincial departments of education, 78 municipal education bureaus, and 750 higher education (vocational) institutions.
- We have created more than 1,000 digital intelligence application benchmarks, such as 5G smart campuses and Artificial Intelligence + Education.

Case Study

Relying on China Unicom's education digital foundation capabilities to assist in the standardization and collection of education public data in Liaoning Province. Achieve data interconnectivity for over 90% of the core business systems of the Provincial Department of Education, increase cross-departmental data sharing efficiency by 60%, optimize 12 traditional processes for private schools, add 30 intelligent approval services, reduce repetitive reporting by over 80%, and significantly enhance education management efficiency.



Digitalisation Reform Construction Project of the Department of Education of Liaoning Province

Smart Healthcare

Implementing the Healthy China strategy and undertaking the construction of the national medical health + artificial intelligence application base, we have established a full-stack medical AI service capability covering “computing power, data and AI agents” to provide end-to-end technical support for the industry.

- We have established medical-specific computing power resources covering the entire country, providing low-latency and high-security intelligent computing power services to over 2,000 medical administration and medical institutions nationwide in aggregate.
- We have innovatively constructed a medical trusted data space, serving more than 10 leading medical institutions based on medical multi-modal data labelling capabilities, and have established the largest medical data centre in the country along with a batch of high-quality data sets for specific diseases.
- We have created a medical agent application marketplace, aggregating and integrating over 100 advanced agents from leading medical AI ecological resources, integrating the first medical-exclusive MCP toolkit, and taking the lead in achieving full coverage of the 29 clinical-related scenarios specified by the National Health Commission.

Case Study

We are assisting in the construction of the Beijing Municipal Universal Health Platform and building a unified inference computing power platform. We have launched 32 convenience functions such as intelligent triage, intelligent pre-consultation and intelligent report interpretation, aggregating resources from over 300 medical institutions at or above the secondary level across the city, breaking down data barriers between medical institutions, handling an average of 150,000 registration requests per day, with total outpatient services reaching 170 million person-times, becoming the “main portal” for the public to seek medical treatment and healthcare services.



Beijing Municipal Universal Health Platform

Realising the Integrated Perception of the Digital Ecosystem

Guided by Xi Jinping's Thought on Ecological Civilisation as the fundamental compliance and action guide, we continuously strengthen the deep integration of digital technology with river and lake governance and ecological environmental protection, enhance the effectiveness of ecological environmental governance, and assist in the construction of a green and intelligent digital ecological civilisation.

Case Study

Hubei Unicom has joined hands with the Hubei Meteorological Information and Technology Support Center to jointly create “Digital Chain Yangtze River • Meteorological Intelligence Hub”. Utilized meteorological data to facilitate an additional 29.94 billion kWh of hydropower generation, won the third prize in the Meteorological Service Track of the National “Data Element ×” Competition, and promoted the green transformation of the energy industry.



Digital Chain Yangtze River • Meteorological Intelligence Hub – Data Factor-based “Meteorology ×” Multi-scenario Empowerment and Data Service Provider Ecosystem Construction

Case Study

Zhejiang Unicom participated in the construction of China's first trusted data space for marine resources and environment, which is the only national-level pilot in the marine sector. The data space has aggregated 167 categories and more than 2,000 datasets, with a total data volume reaching 1 PB; its construction and operation are fully undertaken by China Unicom, facilitating the sharing and common use of data resources.



Trusted Data Space for Marine Resources and Environment

Forging Core Digital and Intelligent Capabilities

China Unicom has systematically forged core digital and intelligent capabilities such as cloud, large models, the Internet of Things (IoT) and network security, continuously breaking through core technical bottlenecks and improving its platform service system to provide comprehensive and high-quality digital and intelligent support for the digital transformation of various industries.

Unicom Cloud

We are comprehensively consolidating intelligent computing infrastructure, breaking through core technological barriers, deepening industry scenario applications, and joining hands with all sectors of the industry to cultivate new quality productive forces and co-create a new ecosystem for the integration of the digital and real economies.

- General computing power has achieved full coverage of “one pool per city”, and intelligent computing power has established a tiered deployment of ultra-large-scale, regional-level and localised intelligent computing nodes.
- Building proprietary core capabilities, Unicom Cloud's self-developed container CSK engine was selected for the first batch of the 2025 Beijing Catalogue of Major Technical Equipment (First Unit/Set). The “Unicom Xingluo” computing power allocation platform 2.0 achieved core capabilities such as second-level task-based allocation for training and inference, taking the lead in connecting to the national integrated computing power network.
- We have constructed a leading qualification system, with the number of Trusted Cloud qualifications ranking in the first tier of the industry. We were selected as a member unit and expert of the special committee of the “AI Cloud MSP Technical Service Laboratory”, and won multiple “Second Diversity Computing Power Typical Case” awards.
- Deeply serving the construction of local digital economies and the intelligent transformation of industries, it has served the construction of over 180 provincial and municipal government clouds and the digital and intelligent transformation of nearly 400,000 enterprise customers.



AI Select Unicom Cloud: Reconstructing the Foundation of Digital China with an Intelligent Computing Cloud Ecosystem

Unicom UniAI MaaS and Wanwu Intelligent Agent Platform

We have continuously upgraded the “Inclusive and Instant” UniAI MaaS platform, providing more than 140 industry mainstream models. We launched the first open-source agent platform among central state-owned enterprises – the UniAI Wanwu Agent Platform, providing a full suite of tools such as model management, knowledge base construction and workflow orchestration, supporting over 10,000 developers in zero-code, low-threshold and high-efficiency application development.

- The platform focuses on high-value scenarios, creating 40 industry models and intelligent applications, and has served the digital and intelligent upgrades of over a hundred customers.
- We have fully undertaken the construction and operation of two national artificial intelligence application pilot bases, namely precision diagnosis and treatment and drug R&D in the medical field, and mobile terminals in the consumer field. The intelligent quality control assisted diagnosis and treatment for medical imaging and laboratory reports was selected for the “First Batch of Artificial Intelligence Strategic High-Value Scenarios of Central Enterprises”.



The Unicom UniAI MaaS platform creates industry models and agents.

China Unicom Gewu Unilink Industrial Internet Platform

The Gewu Unilink industrial internet platform has continued to consolidate its leading technical strength and cross-industry empowerment value, having been awarded the title of “Cross-industry and Cross-domain Industrial Internet Platform” by the Ministry of Industry and Information Technology for three consecutive years, becoming the first and only national-level industrial internet platform of a carrier to maintain a Grade A rating for two consecutive years.

- Supporting the flexible and efficient connection of massive manufacturing resources, the convergence and integration of industrial data, intelligent modeling and analysis, and the agile development and operation of industrial applications, to achieve ubiquitous connectivity, elastic supply, and efficient allocation of manufacturing resources, and breaking through key technologies for the integration of industrial digital intelligence and physical systems, it was awarded the First Prize of the 2025 Science and Technology Award by the China Institute of Communications.
- We have accumulated a total of 33,000 industrial models such as R&D simulation, industrial mechanism and data algorithms, and connected over 13 million units of industrial equipment.



China Unicom's Gewu Unilink Industrial Internet Platform was again awarded Grade A in 2025, with its ranking on the dual-cross platform improving by 3 positions

“Mogong” Security Operations Service Platform

China Unicom’s “Mogong” security operations service platform explores the empowerment of the network security field by “AI + Agents”. With the integrated security operations system of “components + platform + services” as its core, it deeply integrates AI with cloud-network resources, focuses on the construction of agents for security operations scenarios, and achieves intelligent upgrades and capability leaps of the platform.

- We have formed an AI agent matrix covering over 20 scenarios, supporting more than 80 MCP tools.
- Shortlisted for the Recommended Catalogue of Scientific and Technological Innovation Achievements of Central Enterprises (2024 Edition), won the 2025 First Prize for Science and Technology of the China Institute of Communications, and was selected for the “Second Batch of the 2025 Beijing Catalogue of the First Unit (Set) of Major Technical Equipment”.



Mogong Intelligent Security Operations Dashboard

Focusing on enhancing brand value and influence

China Unicom implements the relevant requirements of the SASAC of the State Council regarding the brands of central enterprises, comprehensively strengthens brand building, enhances brand value, creates outstanding brands, highlights the essence of innovation, shapes a distinct brand image and expands international influence.

- In 2025, “China Unicom” was awarded as an outstanding brand in the second batch of creation achievements of the Central Enterprise Brand Leading Action by the SASAC of the State Council.
- The UniAI Brand Value AI Large Model was released at the Brand Building Parallel Forum of the 8th China Enterprise Forum.
- We showcased the UniCom brand at the world’s largest and most influential industry events, including the Mobile World Congress (MWC) and the Gulf Information Technology Exhibition (GITEX), to continuously enhance the international influence of Chinese brands.
- The achievement of “Driving Brand Value Enhancement through AI Innovation Capabilities to Build an Outstanding Brand” was awarded the Second Prize of the 22nd (2025) Excellent Achievements in Modernisation of Enterprise Management in the Information and Communication Industry.
- Unicom WO Pai and Unicom Cloud were awarded as excellent brands in the second batch of creation achievements of the Central Enterprise Brand Leadership Action by the SASAC of the State Council.
- China Unicom WO Pai’s “Classmate, Don’t Panic” and “He Xiang He Xiang, Good Luck in the Postgraduate Entrance Examination” projects, and China Unicom Smart Home’s “Master Tian’s ‘Smart’ Home Secrets” project were awarded the “Micro-drama Marketing Gold Award”, “Content Marketing Annual Case Award” and “IP Marketing Silver Award” at the Great Wall Awards of the 32nd China International Advertising Festival.
- The “High-quality Development in Unicom” event was incorporated into the “High-quality Development in China” series of activities by the Cyberspace Administration of China and was awarded as an outstanding public relations case of the year, demonstrating China Unicom’s contributions to the construction of Cyber Superpower and Digital China, as well as the Belt and Road Initiative and universal telecommunications services.



Central enterprise brand building capability has maintained the

1st place in the industry for five consecutive years.



Unicom WO Pai “Dreams • Directions”



International Brand “UniCom” Debuts at MWC Barcelona Following Brand Refresh



2025 “High-Quality Development in Unicom” in Guangdong