

BUSINESS OVERVIEW

1. Overview

As a leading service provider in the informatization sector in the PRC, the Group is positioned as a “New Generation Integrated Smart Service Provider”, leveraging its advantages as a “Pioneer of Digital Intelligence Consulting”, a “Navigator of Digital Intelligence Infrastructure”, a “Leader of Digital Intelligence Maintenance and Operation” and a “Provider of Digital Intelligence Products” (“1 Positioning, 4 Roles”). Adhering to the mission of “Building Smart Society, Boosting Digital Economy, Serving a Good Life”, the Group continues to accelerate the development of a first-class enterprise. Through the integrated full-cycle service capabilities of “Planning, Construction, Maintenance and Operation” empowered by technologies such as artificial intelligence (AI), the Group capitalizes on customers’ transformation needs of “intelligence, green, and security” and provides integrated comprehensive smart solutions in the area of digital intelligence. The Group mainly provides integrated smart solutions such as telecommunications infrastructure services, business process outsourcing services and applications, content and other services to telecommunications operators, governments, industry customers and small and medium-sized enterprises.

The Group’s business spans across China and dozens of countries and regions globally, with overseas customers mainly located in key regions such as Asia Pacific, the Middle East, and Africa.

WE PROVIDE INTEGRATED COMPREHENSIVE SMART SOLUTIONS FOR THE DIGITAL INTELLIGENCE SECTOR



(in RMB million, except percentages)	Revenues in 2025	Revenues in 2024	Change
Domestic non-telecom operator customers ("Domestic non-operator customers")	65,613	62,169	5.5%
Domestic telecommunications operator customers	80,212	83,603	(4.1%)
Of which: China Telecom	56,667	59,134	(4.2%)
China Mobile, China Unicom, China Broadcasting Network, China Tower	23,545	24,469	(3.8%)
Overseas customers	4,268	4,228	1.0%
Total	150,093	150,000	0.1%

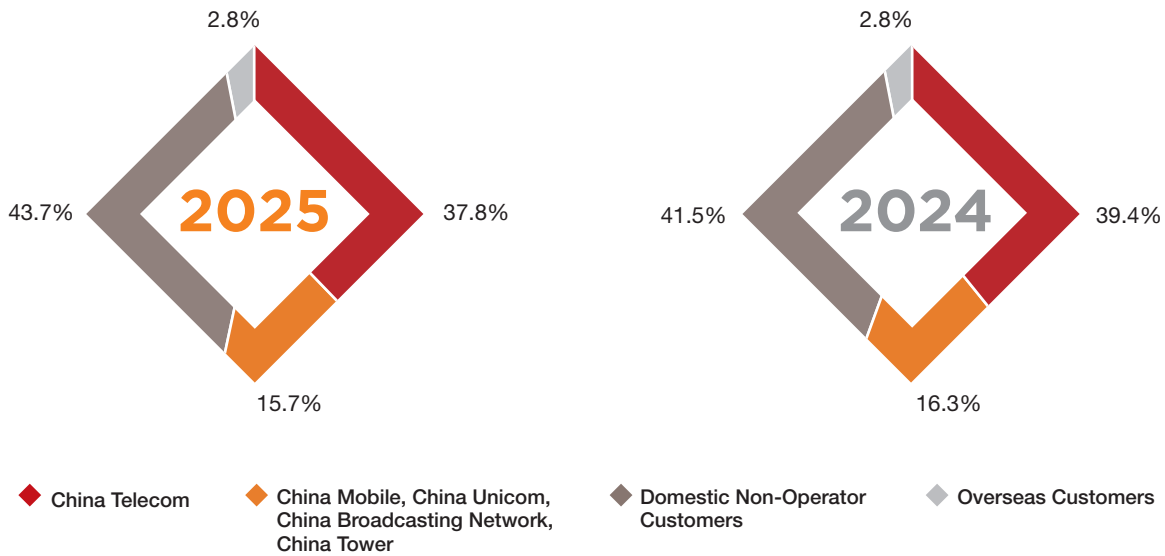
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2. Operational Deployment

In 2025, the Group continued to adhere to the roadmap of “Value-Driven, Seeking Steady yet Progressive Growth and High-Quality Development”, actively rode the wave of the building of Digital China. With the goal of achieving high-quality development, the Group seized opportunities of the deep integration of digital technologies with the real economy and the wave of AI development, further enhanced market expansion, cultivated new growth areas, shifted development momentum, optimized its business structure, and improved development quality. During the year, the Group achieved revenues of RMB150,093 million, representing a year-on-year increase of 0.1%.

In 2025, the Group actively seized the opportunities of the AI era, deeply integrated AI and digital infrastructure capabilities, provided full life-cycle services for new infrastructure such as intelligent computing centers and green data centers, and forged a number of “Smart Series” products such as “smart server rooms” and “smart sports”. At the same time, by developing the proprietary “Wise Series” AI application system and achieving in-depth empowerment in core business processes, the Group effectively enhanced operational efficiency and promoted management upgrades. The Group will continue to promote the integration of AI technology with the whole chain of consulting and design, construction integration, operation and maintenance, to help customers achieve digital transformation and continue to expand development potential in the AI market.

The following charts show the revenue contribution from each customer group:



In 2025, the Group seized development opportunities in strategic emerging businesses and further optimized its deployment in strategic emerging industries such as digital infrastructure, green and low-carbon, smart city, and emergency management and security. The value of new contracts from strategic emerging industries exceeded RMB94.9 billion, representing a year-on-year increase of approximately 22%.

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In the field of digital infrastructure, the Group focused on services such as intelligent computing, supercomputing, and cloud, and developed the three major fields of data centers, cloud services, and AI+ vigorously. Driven by its high-end consulting and design capabilities, and leveraging the application of digital technologies such as BIM, and products and solutions such as smart server room management, the Group provided customers with full-profession, integrated, and full life-cycle green and low-carbon digital infrastructure specialized services, which included consulting and design, electromechanical installation, application and integration of network platforms as well as operation and maintenance. The Group actively served the national “East Data, West Computing” project, participated extensively in the construction of the national integrated computing power network and data centers for the “eight national computing hubs and ten national data center clusters”, actively undertook intelligent computing and supercomputing center projects in multiple industries such as communications, finance, government, Internet, and manufacturing, and continued to promote the intelligent and green upgrading of digital information infrastructure, thereby empowering the high-quality development of the digital economy with professional capabilities, and consolidating the digital foundation for Chinese-style modernization.

In the field of green and low-carbon, guided by the national “Dual Carbon” strategy, the Group actively contributed to the comprehensive green transformation of economic and social development. In addition to providing traditional power infrastructure and supporting services, the Group also seized market opportunities in new energy construction, computing power and electricity collaboration, circular economy in industrial parks, carbon management, energy usage services and power distribution network. Leveraging its integrated capabilities of “Consultation-Driven + Product Innovation + Engineering Construction + Operation and Maintenance”, the Group developed comprehensive and customized green and low-carbon solutions, offering various customers in the industries of energy and power, information and communications, real estate and construction, industrial manufacturing and transportation with integrated AI energy-saving and carbon reduction services for new green and low-carbon data centers, as well as new energy solutions such as photovoltaic power, wind power, and hydropower. Besides, the Group also provided energy management platform, photovoltaic-storage-cloud-green energy management platform, power communications operation control platform and other platform development and services, energy management and manufacturing equipment disposal management and other services.

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In the field of smart city, the Group focused on new urban infrastructure construction, targeting resilient cities, urban renewal, urban renovation of old communities, and community construction. Focusing on key needs in smart transportation, safe cities, smart government affairs, smart rural towns, smart construction sites, city brains, one platform for unified services, and digital villages, the Group leveraged its top-level smart city planning as the lead, and provided customers with planning, design, construction, platform development, system integration, and full-process consulting services.

In the field of emergency management, by taking emergency management, fire-fighting, ecological environment, water conservancy, meteorology, natural resources, forestry and grassland, as its core business lines, the Group focused on disaster prevention, mitigation and relief, as well as supporting capabilities for the handling of urgent, difficult, dangerous and major public emergencies, building a comprehensive smart product portfolio and solution library for emergency management and one-stop informatization service capabilities. The Group provided consulting and design, software development, system integration, and operation and maintenance services to customers in the industries of government, chemical industrial parks, and highly hazardous enterprises. In the field of network and information security, the Group developed over 40 proprietary and controllable network and information security products and one-stop integrated solutions, safeguarding national key information infrastructure industries such as information and communications, finance, energy, and transportation. It catered to customer needs for compliant operation, digital transformation, and operational practices, offering security products, security consulting and design, security integration, project implementation, specialized security services, and security supervision in the fields of cybersecurity, data security, and information security.

The Group Formed a Series of Industry-Leading Products and Solutions to Support the Development of Strategic Emerging Businesses



◆ Integrated Source-Grid-Load-Storage "Virtual Power Plant" Operation and Management Platform



◆ Urban Lifeline Monitoring Platform



◆ Zero-Carbon Data Center Management Platform



◆ Integrated Weather Modification Command and Dispatch Platform

3. Three Major Customer Markets

Domestic Telecommunications Operator Market

In 2025, the Group further integrated itself into the ecosystem of domestic telecommunications operator market, gave full play to its general contracting capabilities and professional advantages in integrated services, seized the opportunities from traditional business and transformation, and actively responded to the impact of the decline in operators' capital expenditure. By focusing on domestic telecommunications operators' need to accelerate the construction of new digital information infrastructure, the Group improved and optimized the expansion and business deployment in core areas such as new infrastructure iterative upgrading, computing power network construction, green infrastructure optimization, industrial digital intelligence empowerment, as well as operation and maintenance. Revenue from this market for the year amounted to RMB80,212 million, representing a year-on-year decrease of 4.1%.

The Group Actively Supported the Business of Domestic Telecommunications Operators



Domestic Non-Operator Market

In 2025, the Group closely monitored the trends in societal technological revolution and industrial transformation, and seized the opportunities of AI-driven intelligent computing and data center construction, as well as urban renewal and green transformation. Through continuously optimizing core capabilities and platforms, leveraging its integrated service capabilities and advantages, the Group achieved high-quality business development and continuous optimization of its revenue mix. Revenue from the domestic non-operator market amounted to RMB65,613 million, representing a year-on-year increase of 5.5%. The major source of growth came from smart city and digital infrastructure projects, with the new contract values increased by approximately 18% and 40% year-on-year, respectively. The Group quickly responded to customer needs and provided a comprehensive smart product portfolio that could be disassembled or assembled, along with full-process service capabilities from top-level design to product R&D and operation. During the year, the Group entered into more than 1,300 new contracts worth over RMB10 million each, undertaking benchmark projects such as a data center and big data application demonstration base project of a bank, a 31.2MW photovoltaic power generation project, a water supply IoT platform construction project for a group, a gas and safety early warning construction project in a county, an international smart port project, an underwater data server room engineering construction project and other benchmark projects.

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By adhering to the principle of “Headquarters Leadership, Local Execution, Professional Construction, and Cross-Functional Collaboration”, leveraging its advantages of unique “Consultant + Staff + Housekeeper” service model and “Platform + Software + Service” capabilities, establishing an “Industry + Region” matrix marketing system, building a robust localized marketing team across the country with approximately 17,000 sales personnel deployed in key areas, the Group continuously strengthened its efforts in group-level synergistic marketing of products. The Group accelerated the formation of technical expert teams for its core products, which currently comprised over 10,000 consulting and design experts and relevant software talents. By enhancing the consolidation and empowerment of capabilities through continuous training and informatization means such as the cloud exhibition hall, the Group continuously strengthened the teams of professional talents. Currently, the Group’s annual contract value in several industries, including government, housing and construction, Internet and IT, energy, transportation, finance, and education, has exceeded RMB1 billion in each sector.

The Group Undertook Key Projects of Strategic Emerging Industries in Domestic Non-Operator Market Proactively



◆ A Data Center and Big Data Application Demonstration Base Project of a Bank



◆ A 31.2MW Photovoltaic Power Generation Project in a County



◆ A Water Supply IoT Platform Construction Project of a Group



◆ A Gas and Safety Early Warning Construction Project in a County



◆ An International Smart Port Project



◆ An Underwater Data Server Room Construction Project

Overseas Market

In 2025, the Group actively integrated itself into the new development paradigm of “dual-circulation with domestic and international development reinforcing each other”, and seized important opportunities in the “Belt and Road” and overseas industrial transformation and upgrading. The Group coordinated overseas development with safety, consolidated the fundamental business in communications, and continuously optimized the overseas operation models. With high-quality project expansion and platform operations as the two key drivers for overseas development, the Group focused on the four major regions of Asia Pacific, the Middle East, Latin America and Africa, and served the four major customer groups of telecom operators, overseas government and enterprises, Chinese central enterprises and communications equipment manufacturers. The Group continued to promote three transformations (the transformation of individual engineering projects into EPC general contracting projects, the transformation of cash-funded projects into financing projects, and the transformation of business from the communications sector to the sectors of industrial digitalization and new energy). The Group advanced the development of overseas business in a proactive and prudent manner on the basis of high-level security development. Revenue from overseas customers amounted to RMB4,268 million, representing a year-on-year increase of 1.0%.

Transformed and Upgraded the Group's Overseas Business, Enhanced Capabilities in Expansion of High-quality and Large-scale Projects



◆ Smart Video Project in an Overseas City



◆ Smart Burkina Faso Project

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4. Three Major Business Segments

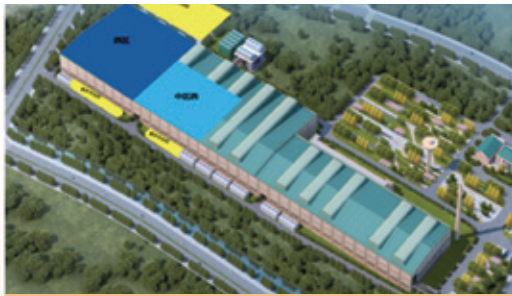
As a leading service provider in the informatization sector in the PRC, the Group provides integrated comprehensive smart solutions in the field of digital intelligence, covering telecommunications infrastructure services, including design, construction, and supervision; business process outsourcing services, including information technology infrastructure management, general facilities management, supply chain, and products distribution; and applications, content, and other services, including system integration, software development and system support, as well as value-added services, etc.

Telecommunications Infrastructure Services

As the largest telecommunications infrastructure service provider in China, the Group possesses all the highest-grade qualifications in the communications construction industry. In 2025, the Group's revenue from telecommunications infrastructure services amounted to RMB74,391 million, representing a year-on-year decrease of 1.0%.

The Group has the capabilities to provide comprehensive telecommunications infrastructure services to global telecommunications operators, including planning, design, construction, and project supervision for fixed-line, mobile, broadband networks, data centers, and operation support systems. In 2025, the Group fully supported the business needs of domestic telecommunications operator customers, and revenue from domestic telecommunications operator customers for telecommunications infrastructure services amounted to RMB37,755 million for the year, representing a year-on-year decrease of 8.1%.

The Group Endeavored to Support New Infrastructure Construction



◆ A Leading Manufacturing Company's Cloud Computing Data Center Project



◆ A Leading Internet Company's Intelligent Cloud Ulanqab Data Center Project

The Group also provides integrated infrastructure construction such as information infrastructure construction and smart energy, integrated informatization solutions, and industrial smart solutions to domestic non-operator customers in the government, finance, construction, transportation, emergency management, electricity, and medical care sectors, as well as overseas customers. In 2025, the Group continued to strengthen its development in the areas of data center, green and low-carbon, smart city, and emergency management and security. Revenue from domestic non-operator customers for telecommunications infrastructure services amounted to RMB33,564 million for the year, representing a year-on-year increase of 8.1%.

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As domestic telecommunications operators continue to accelerate digital transformation, increase investment in new infrastructure such as computing centers, and speed up the pace of transformation and upgrading, the Group will further integrate itself into the ecosystem of operators, and enhance its product and service capabilities to meet the needs of domestic telecom operators for comprehensive, integrated and diversified digital services, thereby continuously maintaining the stable development of the business from domestic telecommunications operators. Meanwhile, with the in-depth implementation of the Digital China strategy, the accelerating construction of digital information infrastructure, along with the flourishing development of industrial digitalization, and the increasing demand for energy conservation, carbon reduction, and the construction of trunk fiber optic cable networks, the Group is poised to embrace new growth opportunities in both the domestic non-operator market and overseas market.

Business Process Outsourcing Services

The Group is the largest integrated provider of business process outsourcing services in the communications industry in China. Along the communications business value chain, it provides services including information technology infrastructure management (“Network Maintenance”), general facilities management (“Property Management”), supply chain, and distribution of products. The target customers of its services include domestic and overseas telecommunications operator customers, government agencies, and customers among the industry. In 2025, the Group’s revenue from business process outsourcing services amounted to RMB44,062 million, representing a year-on-year increase of 1.4%.

The Group Focused on and Deeply Engaged in Smart Operation and Maintenance Services



◆ A University’s Technological Innovation Port
Operation and Maintenance Support Service Project



◆ A Government Affairs Network Support Project of a
County

The Group provides information technology infrastructure management and network optimization services for telecommunications operators and other customers, covering fiber optic cables, electric cables, mobile base stations, data centers, network equipment and terminals. During 2025, capitalizing on its long-term focus on, and extensive expertise and experience in the operation and maintenance business, the Group continued to explore the in-depth and diversified service needs of customers. With smart operation and maintenance as the entry point, the Group strived to build the core business brand of “CCS Smart Maintenance” to empower the quality enhancement and upgrades of information technology infrastructure management business, achieving revenue of RMB19,118 million, representing a year-on-year increase of 1.9%.

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The Group provides general facilities management services to customers for their data centers, cloud bases, commercial buildings, high-end residential buildings, high-speed railway stations, and airports. The Group further advances the business consolidation of its general facilities management business, improves synergistic operation capabilities, and develops smart service capabilities. In 2025, the Group's revenue from general facilities management services amounted to RMB8,307 million, representing a year-on-year increase of 2.3%.

The Group focuses on the technology-based supply chain services in the field of digital infrastructure, and further expands its customer base from other sectors including governments and enterprises, while having operator customers as the foundation. The Group focuses on upstream and downstream customers in the industrial chain, gives full play to its advantage in the full-process and network-wide synergistic operation of the supply chain to provide integrated and full life-cycle supply chain services, such as industrial digitalization procurement, integrated logistics, tendering and auction, quality inspection, repair and maintenance, and idle waste disposal, to domestic telecommunications operators, government, and enterprise customers. In 2025, the Group's revenue from supply chain services amounted to RMB13,732 million, representing a year-on-year increase of 1.3%.

The Group Provided Full-process Integrated Supply Chain Services



The products distribution business mainly involves the distribution of communications and information products. The Group provides terminal sales and device distribution services to domestic telecommunications operator customers and offers distribution and procurement services of IT devices, auxiliary machinery and equipment to domestic non-operator customers. In 2025, the Group further reduced its relatively low-efficiency products distribution business, achieving revenue of RMB2,905 million, representing a year-on-year decrease of 3.9%.

Given the increasing scale of 5G/5G-A networks and computing centers, the Group believes that the OPEX market of domestic telecommunications operators has favorable room for development, and the domestic non-operator market also sees growing demands for business process outsourcing services. Business process outsourcing services have the features of high customer loyalty, low accounts receivable turnover days, and good cash flow. The Group will further consolidate resources for professional operations to pursue more efficient development in this market.

Applications, Content, and Other Services

The Group provides informatized system integration, industrial digitalization applications, proprietary software and platform product development, digitalization business and IT system support, and value-added services to customers, including domestic and overseas telecommunications operators, government agencies, and enterprise customers. In 2025, the relevant revenue amounted to RMB31,640 million, representing a year-on-year increase of 0.9%.

The Group continuously accelerated the improvement of quality and efficiency driven by technological innovation, centering on strategic emerging industries and customer needs as well as focusing on key technology applications and innovation for its “1 Positioning, 4 Roles”, it further increased investment in research and development, and its research and development investment in 2025 was RMB5.47 billion. The Group centralized the research and development resources, strengthened the centralized and unified management of technological innovation, and refined technological innovation management with the guidance of “resources sharing, centralized research and development, collaborative promotion, and benefits sharing”. The Group adheres to proprietary research and development and innovation, accelerating the commercialization of research and development results to promote rapid growth in relevant businesses. In 2025, revenue from software development and system support reached RMB7,114 million, representing a year-on-year increase of 14.0%.

The Group Continued to Provide Various Kinds of AI+ Applications



◆ AI+ Supply Chain Large Model



◆ AI+ Smart Sport

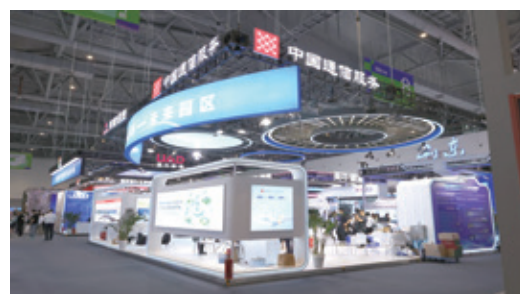
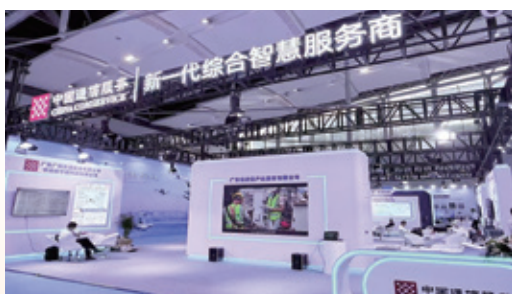


◆ AI+ Low Altitude



◆ AI+ Avalanche Large Model

The Group Actively Organized/Participated in Various Exhibitions



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In 2025, the Group seized opportunities in new infrastructure construction and digital transformation in China by leveraging its integrated service advantages and capabilities in system integration and software development. Based on its proprietary core platforms and a series of industry-leading smart products, the Group continuously expanded its ecological cooperation scope and vigorously developed markets such as AI+, 5G+, data center, smart city, green and low-carbon, emergency management and security, and low-altitude economy, to effectively satisfy the digital transformation needs of government and enterprise customers. With its expanding industry influence and brand influence, the Group was honored with prestigious science and technology awards, which included ranking third in the “100 Most Competitive Software and IT Service Enterprises”, the second prize in technological progress of the 14th Wu Wenjun AI Science and Technology Award, and the Gold Award in the national final of the procurement and supply chain category in the “2025 Artificial Intelligence Application Competition”.

The Group will seize the opportunities arising from the rapid development of the digital economy, continuously upgrade its key products, accelerate the establishment of strategic core platforms, enhance software service capabilities, and develop smart products to continuously meet customer demands for the industrial digitalization business.



The Group Gained Increasing Industry and Brand Influence in the Area of Technological Innovation



CONTENTS OF CERTAIN KEY PRODUCTS OF THE GROUP

Number	Product Name	Product Description
1	 <p data-bbox="395 752 509 779">Smart City</p>	<p>Leveraging emerging technologies such as 5G, IoT, Big Data, Cloud Computing, BIM/CIM, and AI, we provide integrated solutions for smart city covering top-level planning, consulting and design, product R&D, delivery and implementation, operation and maintenance, including but not limited to City Smart Living Room, City Digital Governance Platform, City Operation Command Center, Management Cockpit, and Urban Lifeline Monitoring Platform. By effectively integrating, collaborating and sharing urban data resources, the platform fully leverages the role of data elements, helping to achieve refined urban management, intelligent urban services, and modernized urban governance. It activates the smart industry ecosystem, enhances overall urban competitiveness, and promotes urban digital transformation and upgrading.</p>
2	 <p data-bbox="352 1256 552 1283">Digital Government</p>	<p>Leveraging full-chain capabilities in planning, consulting and design, integration, development, operation and maintenance, the Group provides full-process consulting and integrated services for the digital transformation of governments at all levels across the country. It possesses fundamental digital intelligence capabilities in government cloud, network, data, and security, as well as full lifecycle consulting capabilities covering the aggregation, governance, development, trusted circulation, and value realization of data elements. The Group offers core digital government solutions such as one platform for unified management, one platform for unified services, and one platform for collaboration, empowering the development of various business scenarios including civil affairs, education, emergency management, water conservancy, and sanitation. It has developed product capabilities such as the HarmonyOS NEXT-based government affairs APP, urban intelligence hub, smart government service halls, and government service hotlines, establishing benchmark projects in full-process consulting and integrated general contracting, thereby assisting government in digital transformation.</p>
3	 <p data-bbox="344 1845 560 1872">CCS Cyber Security</p>	<p>Leveraging the independently developed network and information security capability matrix with the Group's unique advantages, the Group offers integrated comprehensive services covering the entire lifecycle of cybersecurity, including consulting and design, integration and implementation, risk assessment, operation and maintenance reinforcement, emergency response, and attack and defense training. The portfolio includes cyberspace asset mapping, intelligent security operations, data security monitoring, commercial cryptography application transformation, 5G security simulation, and harmful information monitoring and hardcore products in cybersecurity and data security. The Group provides comprehensive network and information security solutions as well as comprehensive products and services for national critical information infrastructure in sectors such as public communications and information services, energy, transportation, water conservancy, finance, public services, and e-government affairs. The Group has been featured multiple times in the China Cybersecurity Industry Panorama published by think tanks in the cybersecurity industry.</p>

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4	 <p data-bbox="288 804 464 869">CCS Emergency Management</p>	<p>Guided by consulting and planning, and focusing on the safety and emergency management industry as the core business, the Group targets the three major sectors of industrial production, urban safety, and ecological safety. It concentrates on monitoring and early warning, emergency command, and disaster prevention and mitigation, developing an emergency management and security application products portfolio centered on production safety risk monitoring and early warning platforms, emergency rescue command platforms, smart chemical park management and control platforms, industrial Internet + enterprise production safety cloud service platforms, smart fire-fighting monitoring and early warning platforms, smart water conservancy informatization management platforms, and forest fire risk monitoring and early warning platforms. These products cover multiple industries including emergency management, mining, fire-fighting, water conservancy, meteorology, and natural resources. Leveraging software and hardware products with independent intellectual property rights and core algorithms, the Group drives operation and maintenance services through general contracting delivery, integrating data value and dynamic perception technologies. This promotes the transformation of governance models towards pre-emptive monitoring and prevention, effectively enhancing the emergency management and rescue capabilities for major natural disasters and major production safety accidents.</p>
5	 <p data-bbox="311 1529 442 1561">Smart Sport</p>	<p>With AI technology as its core and leveraging its self-developed sports industry large model, the Group has restructured the full-stack smart sports product system, creating core products such as AI+ smart events, smart venues, and campus sports. Among these, the campus intelligent agent “Jing Xiaozhuang” has become a benchmark application. The Group successfully completed information technology support for top-tier events such as the 15th National Games and the World Games, establishing an innovative benchmark with the MOC command system and driving the upgrade of smart events to version 4.0. The Group has undertaken the construction of digital sports platforms in multiple provinces and cities including Sichuan, Jiangsu, and Ningxia, building a leading comprehensive sports management system in China. The Group participated in the formulation of the national standard for the National Fitness Sports Code, with the East Lake Smart Running Trail selected as a boutique route by the General Administration of Sport of China, and its products featured in the industry ecology map published by the China Academy of Information and Communications Technology. Looking ahead, the Group will continue to deepen AI integration and expand into integrated scenarios such as “sports + education, culture and tourism, and health”, contributing to the high-quality development of the sports industry.</p>

Number	Product Name	Product Description
6	 <p data-bbox="344 685 560 712">Smart Grain Storage</p>	<p>With artificial intelligence as the technological foundation, the integrated grain procurement and storage platform is built on the concept of “three unifications” — unified processes, unified software, and unified data standards — achieving intelligent full-lifecycle management of national grain reserves. Innovatively adopting a cloud-edge collaborative architecture, the platform provides a comprehensive solution for grain procurement, sales, and storage, encompassing “supervision platform + depot operations + data governance + AI applications”. By adopting the industry’s first IoT gateway, it enables direct, real-time collection of depot data, ensuring that key data such as grain inventory, quality, and security remain online in real time and fully integrated into the cloud. This helps ensure quantity data to be accurate, high quality, and reliable, safeguarding the security of national grain reserves.</p>
7	 <p data-bbox="344 1122 560 1149">Smart Server Room</p>	<p>Leveraging operational data as the foundation and AI large models as the technological engine, the C-Station Smart Server Room Management Platform is an operator-grade platform designed for centralized and unified operation and management of numerous server rooms. The platform focuses on the intelligent management needs of “production operations, security monitoring, green energy efficiency, resource panorama, and asset value”. By deeply integrating AI large models with 2D/3D visualization technologies, it enables intelligent control across all server room scenarios, facilitating a holistic digital transformation in “monitoring, management, control, and operation” that spans all aspects and levels of server room management, thereby ensuring intelligent, green, and secure server room operations.</p>
8	 <p data-bbox="381 1621 520 1648">Adaptive DC</p>	<p>Guided by the core concept of “synergized computing power, electricity and cooling with on-demand adaption”, the new adaptive power and cooling data center (adaptive DC) provides a comprehensive solution for data (computing power) server rooms, enabling dynamic adjustment of power per rack within the range of 5-40kW on demand. On the hardware side, it decouples computing power demands from the foundational infrastructure. Within the data (computing power) server room, power distribution busways are used to construct power pools, while energy-efficient air conditioners are used to create cooling capacity pools. Using an adaptive framework as the foundation, data (computing power) server room infrastructure in different physical forms are deployed based on customer site conditions and requirements. On the software side, the operation and maintenance management system is configured according to the module, with standard industrial communications interfaces ensuring compatibility with future equipment additions. Standard interfaces for signal acquisition are reserved for future rack air conditioner replacement and liquid cooling capacity expansion.</p>

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<p>9</p>  <p>Intelligent Building</p>		<p>Leveraging an all-optical network as the converged communications foundation, Intelligent Building empowers all-scenario smart upgrades of buildings with core technologies such as IoT and AI. The Intelligent Building Management System (CCS-iBMS) is built on the big data of subsystems including equipment management, environmental monitoring, security warning, and energy scheduling. Through multimodal AI large model data fusion technology, it achieves scenario-based dynamic integration based on people, equipment, space, and time, creating a visual management cockpit. This enables smart applications such as voice-based control of equipment operation, proactive prediction of hidden faults, intelligent linkage for emergencies, and AI-optimized energy management. Widely adaptable to various building types, it reshapes the intelligent transformation paradigm of the construction industry and leads the future direction of building development.</p>
<p>10</p>  <p>Blockchain Platform</p>		<p>Adhering to the core principle of independence and controllability, and leveraging leading domestic blockchain technology, the China Comservice Blockchain Platform provides a cloud-chain integrated foundation that supports unified management of multiple chains, offering secure and reliable support for digital transformation. The platform deeply empowers key areas such as agriculture and rural areas (traceability of agricultural products), government services (one platform for unified services), judicial services (electronic evidence preservation), healthcare (trusted data sharing), “Dual Carbon” governance (carbon emissions tracking), and electronic tax receipts, promoting the implementation of cross-industry scenarios. Leveraging core products such as blockchain as a service (BaaS), distributed identity authentication, and cross-chain gateways, the platform facilitates the construction of trusted data spaces, enabling the value circulation of data assets, accelerating business model innovation and high-quality industry development, and providing innovative practice paths for national governance modernization and green and low-carbon transformation.</p>
<p>11</p>  <p>Smart Energy Saving</p>		<p>With AI technology and algorithmic models as the core driving force, the platform targets data centers and scenarios involving “old, small, and scattered” server rooms, achieving adaptive control of air conditioners through AI algorithms. Leveraging cloud-edge collaboration, the platform provides real-time monitoring, temperature field situational display, energy saving accounting, and closed-loop handling of anomalies. It establishes a three-tier constraint and risk warning mechanism at the “server room level, equipment level, and monitoring point level” to ensure safe and controllable regulation. Using reinforcement learning algorithms to adapt to environmental and load changes, the platform enables rapid deployment without the need for large-scale hardware modifications. Standardized templates and a localized delivery system support scaled operations. The platform is compatible with various cooperation models such as energy management contracting, supports both cloud-based and on-premises deployment, and can be extended to pan-energy efficiency applications including parks and industrial source-grid-load-storage scenarios.</p>

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12	 Intelligent Cloud-Network	<p>Guided by the core concept of “cloud-network integration with intrinsic intelligence”, the Cloud-Network Resource Management Platform serves as the core system of the cloud-network integration framework. With the primary goals of “horizontally integrating cloud and network, and vertically bridging applications to the network”, the platform establishes real-time perception and scheduling capabilities for network-wide, full-profession resources. It creates a unified capability and data foundation, supporting enterprise intrinsic intelligence applications and business development through cloud-network resource data operations and value operations, helping accelerate the journey of cloud-network towards the era of high-level autonomous intelligence. This platform system has been widely applied in telecommunications operator and government and enterprise markets, effectively meeting customer demands for integrated resource management and intelligent operations.</p>