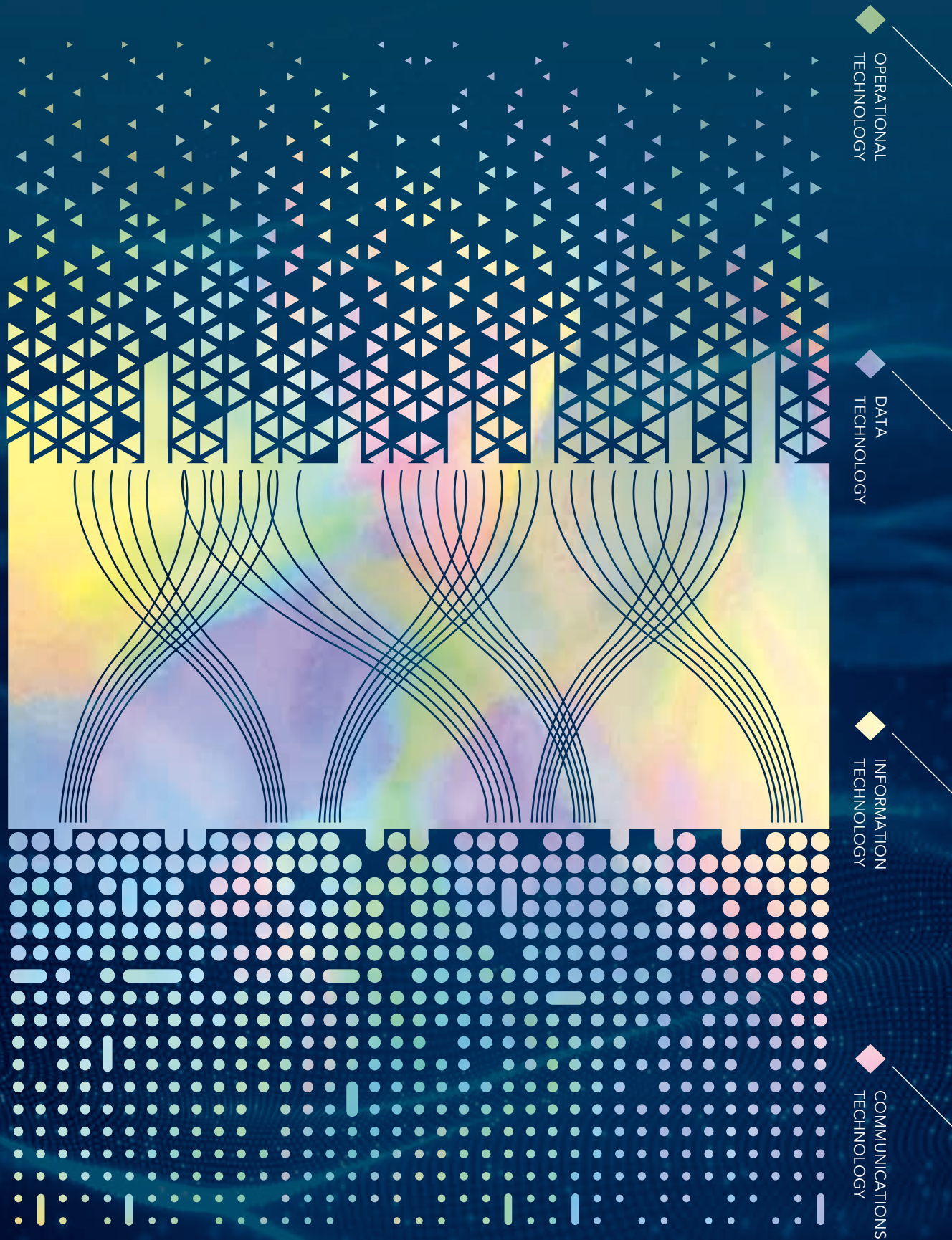


DEVELOPMENT OF SOCIAL DIGITALIZATION,
CYBERIZATION, AND INTELLIGENTIZATION
IS EXPEDITING



GUARD OF SMART OPERATION

SERVICE PROVIDER OF DATA PRODUCTION

PROVIDER OF SMART PRODUCTS
AND PLATFORMS

BUILDER OF DIGITAL INFRASTRUCTURE

COVER STORY

The development and popularization of the new generation information technology have promoted the deep integration of the digital economy and the real economy, and the acceleration of the digital transformation of society has brought important development opportunities. The Company adheres to the strategic position as a "New Generation Integrated Smart Service Provider", plays the part in "4 Roles", and provides integrated comprehensive smart solutions to our customers, thus creating greater value for the country, society, industries, and customers.

As the largest telecommunications infrastructure service provider in China with over 60 years of service experience and comprehensive service capabilities, we are committed to building world-class network and we provide high-quality services of digital infrastructure construction for society, government and industries to meet the higher demand of the customers in the new technology era featuring informatization, digitalization and intelligentization.

BUILDER OF DIGITAL INFRASTRUCTURE COMMUNICATIONS TECHNOLOGY



- ◆ WORLD-CLASS
- ◆ THE LARGEST IN CHINA
- ◆ MORE THAN 60 YEARS

LEADING POSITION

- ◆ DESIGN
- ◆ CONSTRUCTION
- ◆ SUPERVISION

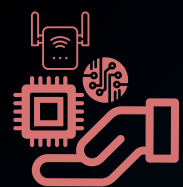
TELECOMMUNICATIONS INFRASTRUCTURE SERVICES

- ◆ 4G/5G NETWORK
- ◆ BROADBAND NETWORK
- ◆ DATA CENTER
- ◆ CLOUD
- ◆ IoT

INFORMATION INFRASTRUCTURE

- ◆ SECURITY SERVICES
- ◆ SECURITY PRODUCTS
- ◆ SECURITY SYSTEM INTEGRATION

NETWORK SECURITY



PROVIDER OF SMART PRODUCTS AND PLATFORMS INFORMATION TECHNOLOGY



SERVICE PROVIDER OF DATA PRODUCTION DATA TECHNOLOGY

INNOVATIVE CAPABILITIES PLATFORMS

CCS
INNOVATION
MIDDLE
PLATFORM

CCS IoT
PLATFORM

NETWORK
SECURITY
PLATFORM

SMART
CITY

SMART
PARK

SMART
GOVERNMENT
SERVICES

SMART
TOWN

SMART
HIGHWAY

SMART
AIRPORT

SMART
EMERGENCY
MANAGEMENT

SMART
PROCURATORIAL
SERVICES

SMART
JUSTICE



SMART
SPORT

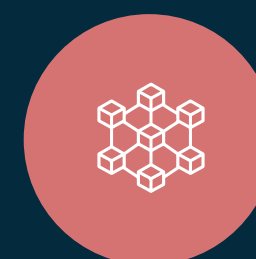
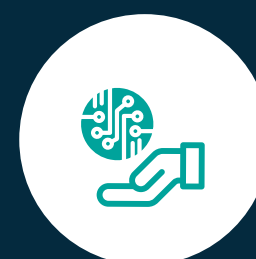
SMART
CAMPUS

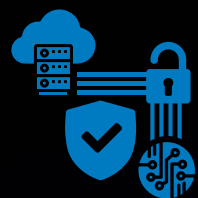
SMART
WATER
CONSERVANCY

SMART
EDUCATION

SMART
CUSTOMER
SERVICE

Based on its innovative capabilities platforms centered on cloud, IoT, and network security service, the Group elevates the information technology and software service capabilities and continues the iterative upgrade of its industrial smart solutions by leveraging its "Synergistic + Dispersed" research and development mechanism and strengthening of ecosystem alliances, which enhances its internal coordination of resources and the cooperation with its strategic partners.



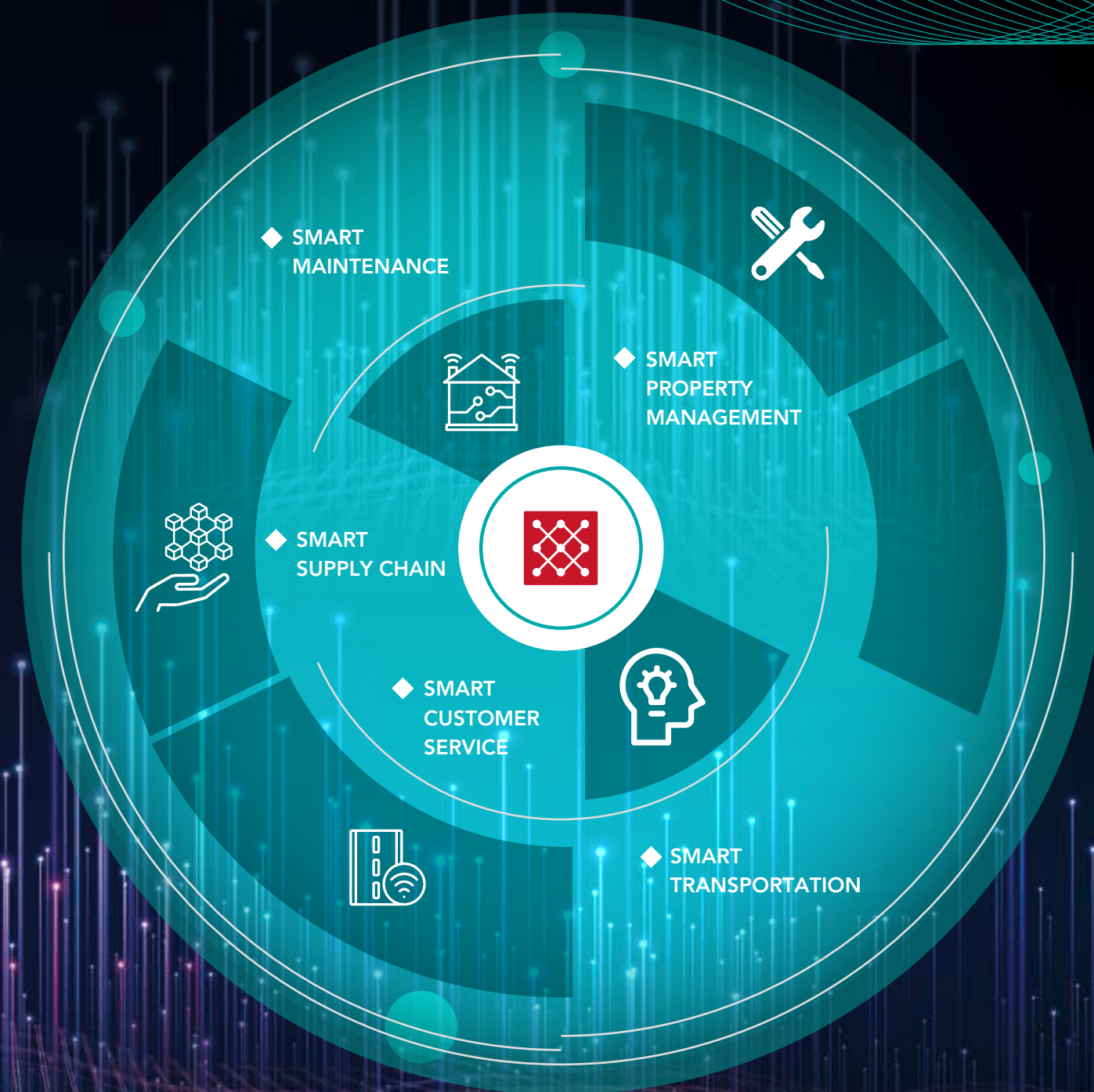


GUARD OF SMART OPERATION OPERATIONAL TECHNOLOGY

In light of the strong growth in demand for network operation and maintenance, and network security services in the era of Internet of Everything, we have the capabilities and resources to provide smart operation and emergency management support services to customers nationwide at provincial, city and county levels.



SMART
OPERATION



NEW OPPORTUNITIES

The development of the digital economy and smart society promotes the opportunities in digital transformation of industries, and the rapid development of New Infrastructure will also spark the new impetus for the continuous economic development. Leveraging the opportunities of its state-owned enterprises reform, the Group will continue to invest into research and development to enhance its service capabilities and quality, and emphasize on both its organic and external development, with a view to driving its sustainable development in future.

DIGITAL TRANSFORMATION

- ◆ DIGITAL UPGRADE OF TRADITIONAL INFRASTRUCTURE
- ◆ INTEGRATION OF NEW AND TRADITIONAL INFRASTRUCTURE
- ◆ DIGITAL TRANSFORMATION OF ENTERPRISES

NEW INFRASTRUCTURE

- ◆ 5G
- ◆ BIG DATA CENTERS
- ◆ INDUSTRIAL INTERNET

STATE-OWNED ENTERPRISE REFORM

- ◆ INTRODUCE STRATEGIC INVESTORS WITH SYNERGY AND COMPLEMENTARITY
- ◆ OPTIMIZE INCENTIVE MECHANISM AND GOVERNANCE STRUCTURE
- ◆ ACCELERATE TECHNOLOGICAL INNOVATION