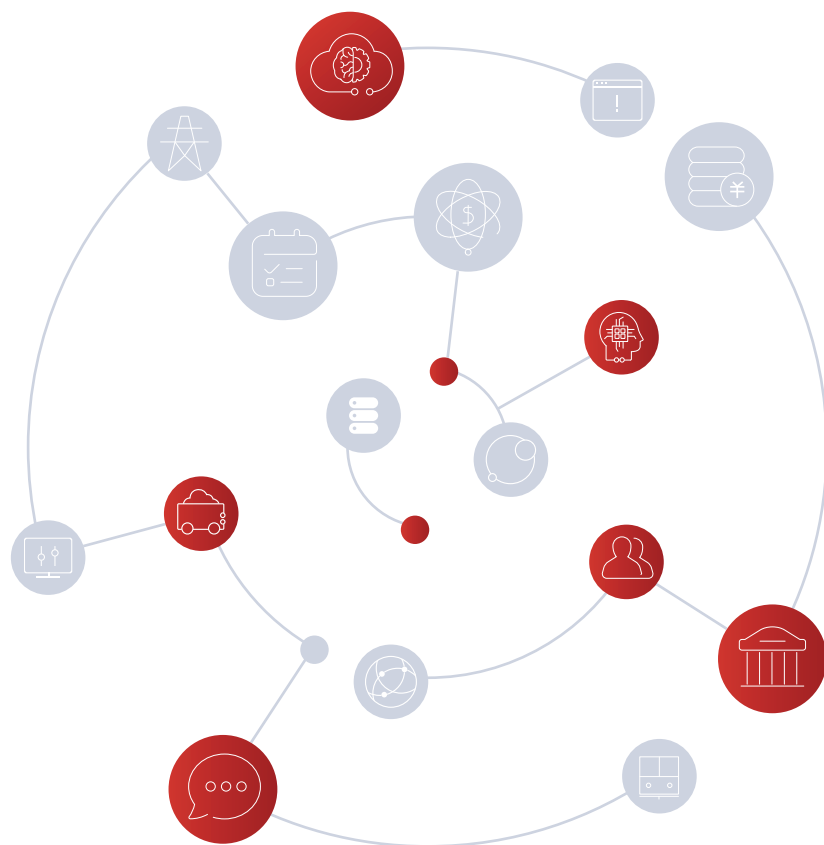


Huawei Cloud Stack Solution

Huawei Cloud Stack

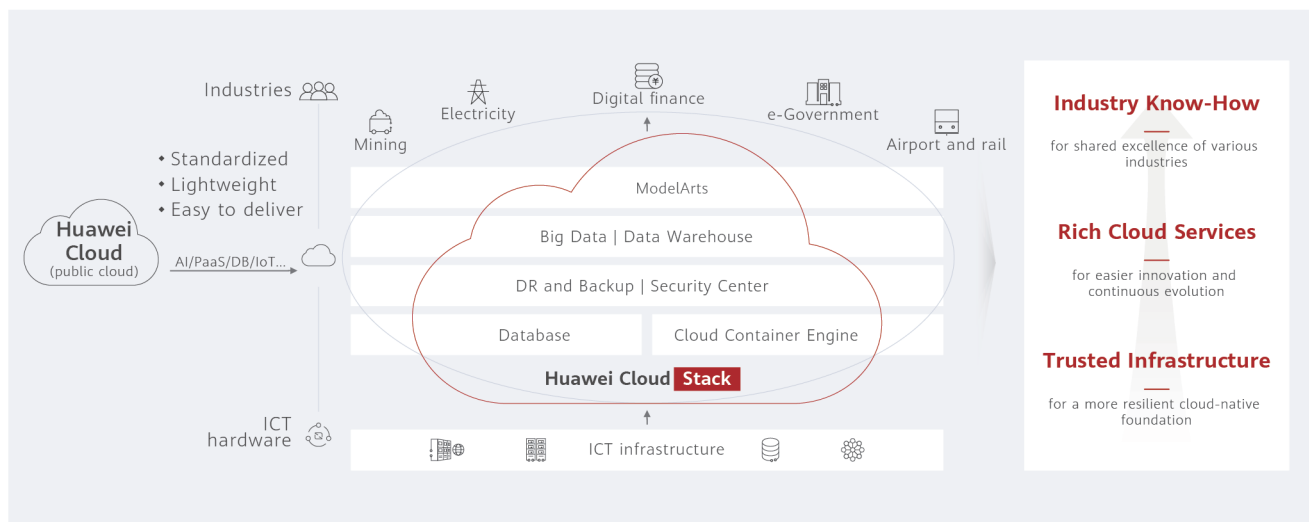
Brand-new Hybrid Cloud Solution

















Accelerating Intelligent Transformation
of Governments and Enterprises

Huawei Cloud Stack: Ideal Platform for Intelligent Upgrade

Deployed on-premises, Huawei Cloud Stack enables enterprises to establish a secure, reliable, and efficient hybrid cloud with continuous service innovation. It also serves as a single, unified cloud for enterprise that can help with the shift from cloud migration to a dive into cloud, where they can unleash digital power.



Huawei Cloud Stack 8.2.1 Cloud Services

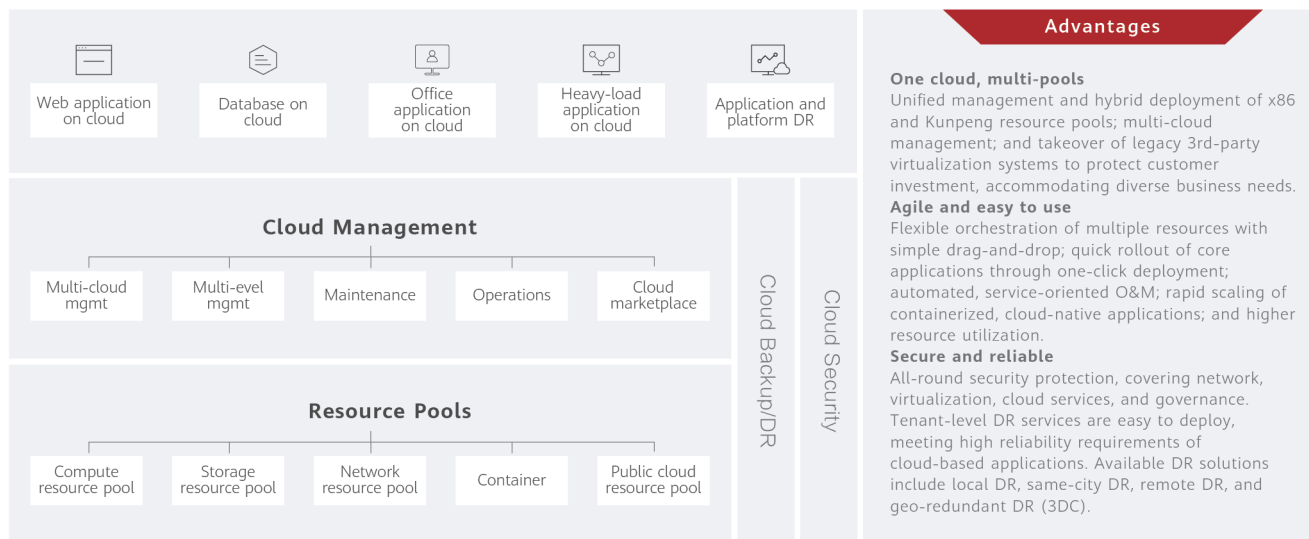
 CityCore	 New Digital CORE for finance	 Integrated finance mgmt.	 AI computing center	 Industrial Internet for mining	 Digital factory	 Intelligent E&P				
 SecMaster	 Edge-cloud synergy	 Industrial Internet	 Data governance	 App integration & governance	 Distributed database	 All-scenario DR				
Big data		AI *		Application Integration		IoT *	Security		Enterprise application	
MRS Logical/Offline/Real-time Data Lake		City Core	Industrial AI Cortex	Connect	Factory *	IoTDA	HSS	WAF	Workspace *	
DWS	DataArts Studio	ModelArts	EI Gallery	AOM *	APM	IoT Edge	CFW	KMS		
GES *	TICS *	Pangu Models	...	DCS	...	IIoT	Anti-DDoS	...		
Compute		Network			Container		Database		DR and Backup	
ECS	IMS	EVS	VPC	ELB	L2BR	CCE	RDS	CSHA	VBS	
BMS	...	OBS	EIP	VPN	CC	SWR	DRS	CSBS	VHA	
AS		SFS	DC	DNS	...	MCP *	GaussDB	CSDR		
Management										
IAM										
AutoOps										
Service Builder										
OCC										
VDC										
...										

*Services available vary slightly by region, consult sales for details

HUAWEI CLOUD Stack Enables Intelligent Transformation of Governments and Enterprises

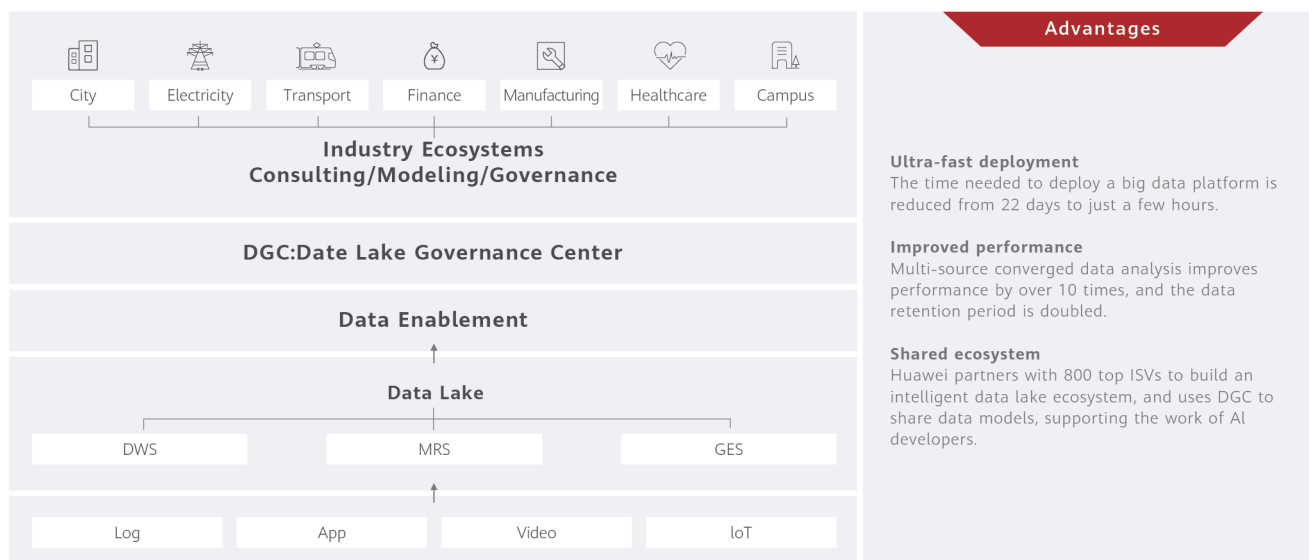
Cloud-based Infrastructure

HUAWEI CLOUD Stack can meet the performance needs of running enterprises' highly sophisticated core application systems on the cloud. It offers best-in-class IaaS services and containers for various types of applications, such as office resources, heavy-load applications, active-active applications, and web applications, accelerating TTM and improving O&M efficiency for customers.



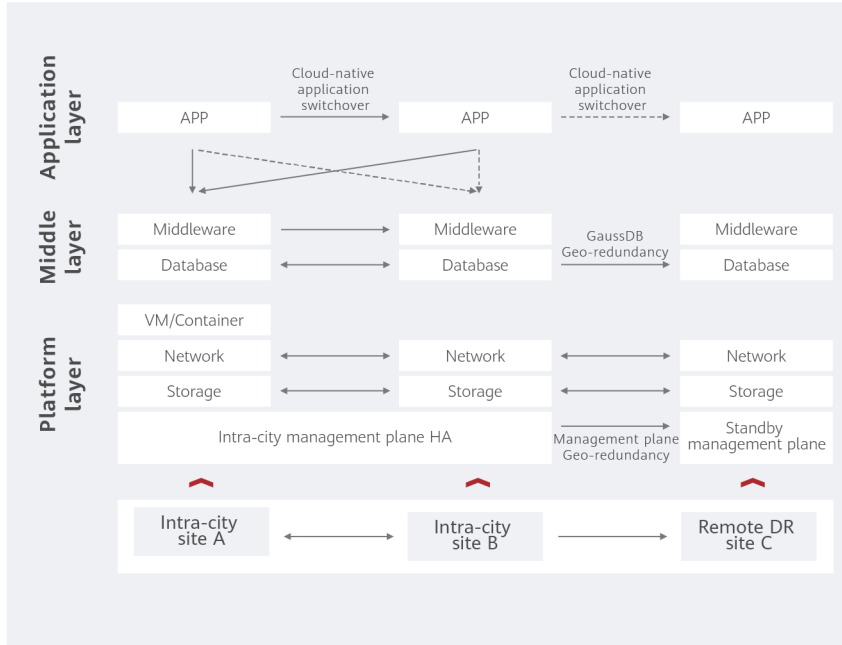
Intelligent Data Lake

HUAWEI CLOUD Stack provides a wide array of cloud services used for big data analytics, such as MRS, DWS, GES, and DGC. With these services, HUAWEI CLOUD Stack helps governments, financial organizations, telecom carriers, and large enterprises extract value from massive amounts of data to run data-driven businesses.



All-Scenario DR

Huawei Cloud Stack provides an all-region, all-scenario, and per-tenant DR solution. The solution leverages software/hardware synergy to deliver robust disaster recovery (DR) capabilities. It eliminates the need to reconstruct your applications, which massively slashes costs. It can also be used to develop active-active cloud-native applications for full-stack, fully automated switchover. Plus, the solution provides geo-redundant DR, so you can meet even the most extreme DR requirements. This DR solution ensures zero data loss and service recovery within minutes.



Advantages

Cloud-based DR, no application changes

Software/hardware synergy and platform-level DR services reduce DR reconstruction costs by multiple times.

Active-active instances, automated switchover

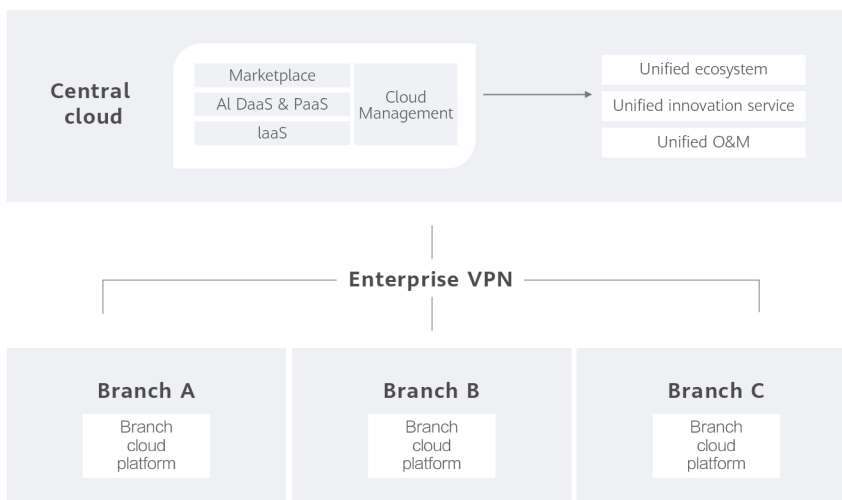
Active-active cloud-native applications, automated full-stack switchover without manual intervention.

Disaster recovery as a service

Self-service with a web console, one-click DR switchover
Zero RPO and RTO in minutes.

Industry Cloud

HUAWEI CLOUD Stack helps governments and enterprises digitize and thereby activate core industry assets accumulated over the years using cutting-edge technologies, including cloud computing, big data, AI, and service-oriented architecture (SOA), transforming them into digital services that can be made accessible to external users. This helps improve IT efficiency, accelerate ecosystem growth, and fuel innovation.



Advantages

Unified cloud

A distributed cloud covers multi-branch, multi-site, multi-DC, and multi-edge scenarios, O&M.

Synergy

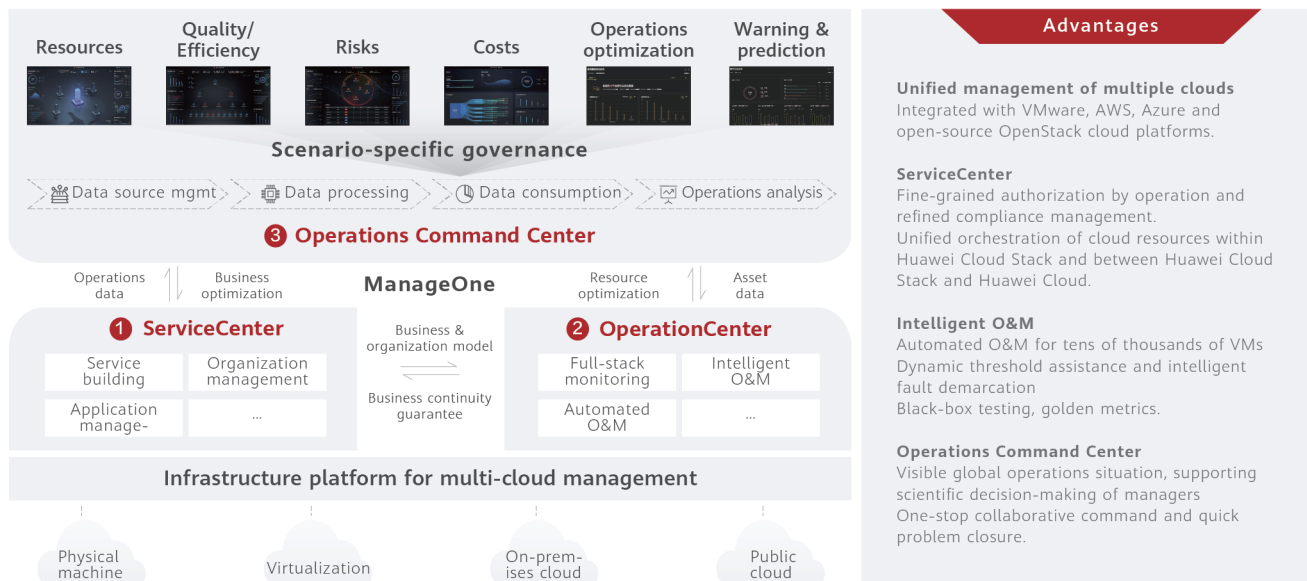
Resources, data, applications, and manage-Continuous innovation Cutting-edge technologies, such as big data, AI, container, microservice, and edge computing, are used to transform customers' core application systems and allow them to evolve continuously on the cloud.

Open ecosystem

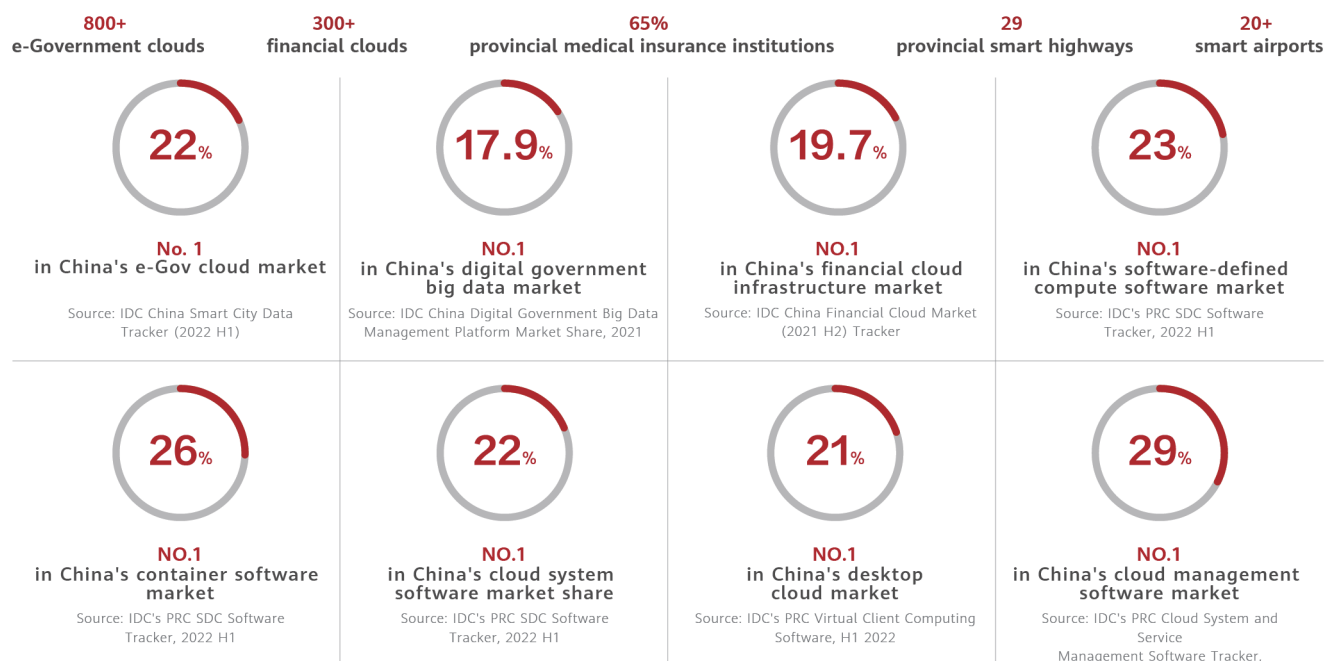
An open architecture helps aggregate eco-partners and ISVs from across industries and enable joint innovation.

Efficient Cloud Management

Huawei Cloud Stack provides cloud desktop services, including the FusionAccess solution deployed based on server virtualization and the Workspace solution deployed based on Huawei Cloud Stack. These services help government and enterprise customers build a unified cloud office platform integrating the production and office cloud architectures. Based on the cloud office platform, users can obtain cloud office resources, such as office desktops and applications on the cloud, anytime and anywhere. Administrators can use ManageOne to plan, manage, and maintain global IT resources in a unified manner, accelerating digital office transformation.



Huawei Cloud Stack is Deployed Globally with Extensive Practices



The Choice of 4,800+ Government and Enterprise Customers



Government

Cooperate with **10** provinces/cities to release City Intelligent Twins.
700+ e-Gov cloud projects
38 national ministry-level projects
40+ provincial/municipal ministries' projects

Beijing e-Gov Cloud | Shenzhen e-Gov Cloud | Shanghai e-Gov Cloud | Jiangsu Finance | Shanxi Finance | Beijing Human Resources and Social Security...



Finance

Covering **six major banks** in China
12 joint-stock commercial banks
Top 5 insurance institutions
300+ financial institutions

Industrial and Commercial Bank of China | Agricultural Bank of China | Bank of China Intelligent Upgrade of the Financial Industry | Postal Saving Bank of China | China Life



Mining

Supports construction of **20+** intelligent mining cloud platforms, helping reduce the number of personnel needed for mine production and operations, while also improving security and efficiency.

Shenmu Hongliulin Coal Mine of Shaanxi Coal and Chemical Industry Group | CHN Energy Shendong Coal Group | Jinneng Holding Group | Shanxi Coking Coal Group | Shandong Gold Group

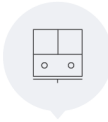


Electric power & oil & gas

14 provincial branches of **State Grid**
 Digital transformation support for **China National Energy Group**, China Huaneng Group, and **Three Gorges Group**

One cloud for **CNPC** and **Sinopec**
 AI-enabled digital platform for **PipeChina**

State Grid, PipeChina, China Energy, CNPC, Sinopec...



Transportation

20+ smart airports | **30+** urban rail clouds |
 Free flow of highways in **29** provinces

Shenzhen Airport, Hangzhou Airport, Zhengzhou Airport, Shenzhen Metro, Road Network Center of the Ministry of Transport...



Healthcare

65% provincial medical insurance information platforms
 Beijing Hospital and the National Telemedicine Center of the First Affiliated Hospital of Zhengzhou University
 Digital transformation of medical institutions is booming.

National Smart Medical Insurance Laboratory | Guangdong Provincial Medical Insurance Bureau | Gansu Medi Insurance Bureau | Beijing Hospital...

Beijing
e-Gov Cloud

Shanghai
e-Gov cloud

Shenzhen
e-Gov cloud

Chongqing
e-Gov Cloud

Official agency for ICT
SITA procurement of the SA gov.

Andalusia InnovaSur
e-Government Cloud

China
Meteorological
Administration

State Information
Center of China

State Administration
of Taxation

国家电网公司
STATE GRID
CORPORATION OF CHINA

ICBC 中国工商银行

中国银行
BANK OF CHINA

招商银行
CHINA MERCHANTS BANK

中国邮政
CHINA POST

Mahidol University
Faculty of Medicine
Siriraj Hospital

CTCORP

Totalplay

China National
Highways

深圳宝安国际机场
SHENZHEN BAOAN
INTERNATIONAL AIRPORT

中国人寿
CHINA LIFE

北京大兴国际机场
Beijing Daxing International Airport

中国石化
SINOPEC

中国石油

北京医院
BEIJING HOSPITAL

中国移动
China Mobile

China
unicom中国联通

中国电信
CHINA TELECOM

陕西煤业化工集团有限責任公司
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