



CTE Global Internet Services



中国电信（欧洲）有限公司
China Telecom (Europe) Ltd.

www.chinatelecomeurope.com

Global Internet Services

China's economy is vast. It has the world's second largest GDP (close to the US at number one), and the world's largest by purchasing power parity. It also has the world's largest banking sector assets, the world's largest manufacturing base, and the world's fastest growing consumer market. There are more than 800 million internet users in China.

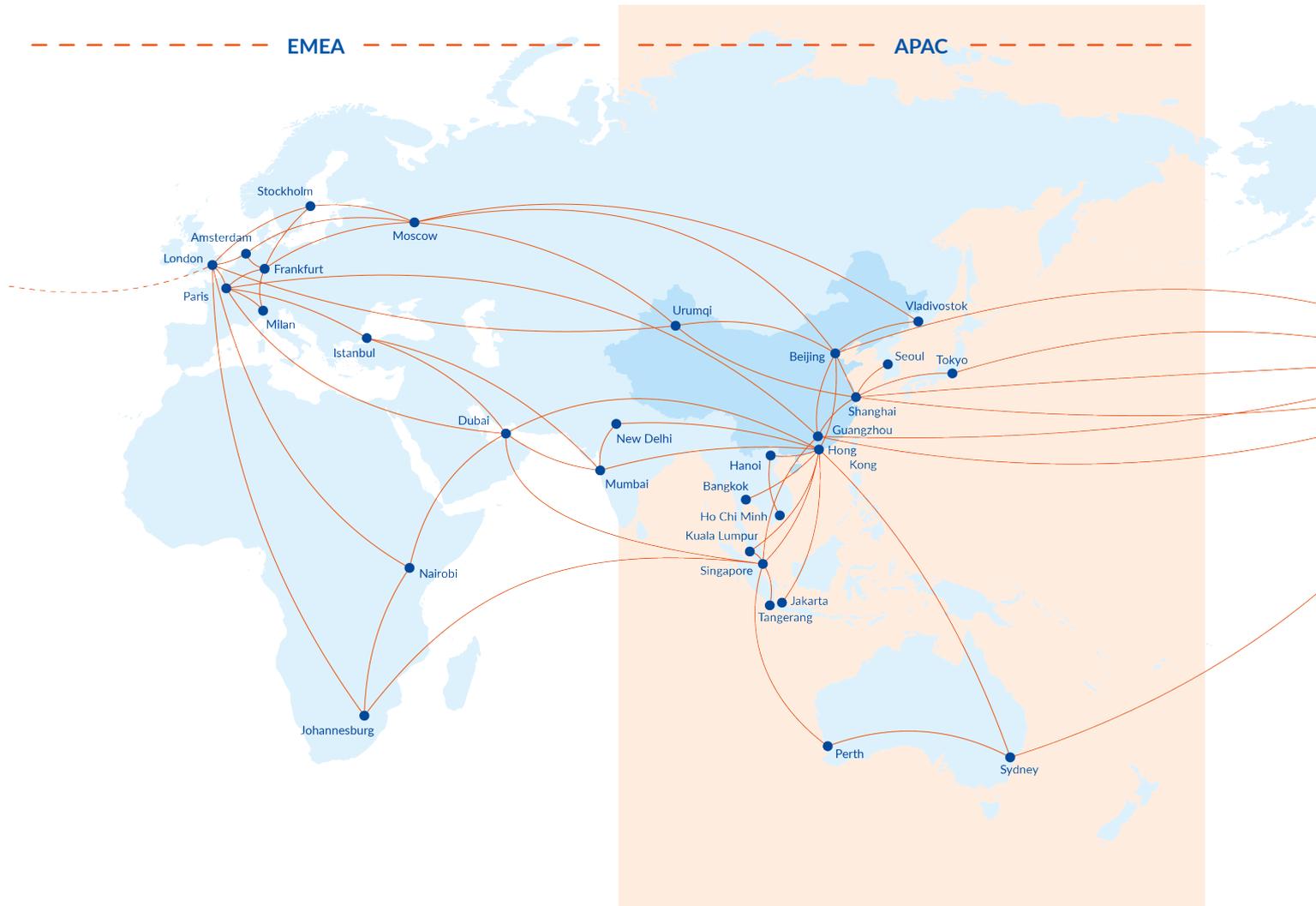
But internet communication between global enterprises and mainland China can be challenging. China Telecom offers a variety of business grade Internet Services to connect with this huge market.

Our four service options

- 1 ChinaNet Paid-peering provides worldwide telecom operators with one-hop access to China's vast internet resources. That includes 2.3 million websites managed by ChinaNet – this equates to more than 70% of China's total internet content.

ChinaNet also services millions of users with high-speed video, online trading, real-time chat, search engines and information services. Over 150 million people subscribe to ChinaNet's cable broadband – over half the broadband access market in China. A further 300 million-plus people subscribe to ChinaNet's 3G/4G mobile internet services.

- 2 China Access gives regional or local ISPs and ICPs cost-effective access to Chinese internet resources. Powered by the extensive interconnection with other telecom operators in China, China Access offers customers a cost-effective internet resources solution. By connecting to ChinaNet (AS4134), customers are able to access Chinese content and millions of internet users in China.



- 3 Global Transit provides telecom operators with global internet service, backed up by SLA guarantees. Our internet service extends everywhere around the world via CN2 (China Telecom Next Generation Carrier Network AS 4809). There are more than 300 POPs worldwide.

CN2 offers the highest levels of resiliency and redundancy with low latency. By connecting to CN2, China Telecom provides global telecom operators with differentiated Internet transit services of scalable bandwidth, outstanding connectivity, flexible billing options and rich product features. With a raft of benefits such as light loading, multiple access options and a comprehensive web-based customer information portal, Global Transit is a great solution for telecom operators.

- 4 Global Internet Access (GIA) provides premium internet access between mainland China and other countries, backed up by SLA guarantees to regional/local ISP/ICP and enterprise customers. With a dedicated path and the lowest latency routes on CN2, GIA provides enterprises with premium quality access to the world's most extensive Chinese Internet Information Centres.

GIA provides a variety of access options, via China Telecom's CN2 through BGP-4 or static routing with various access speeds on bandwidth ranging from 1M to 100 Gbps, and internet access technologies including dedicated circuits access and optical access.

Tailored information and communication solutions

We also provide enterprises with information, connection and transmission, business application support and other value added services such as:

- Plus IDC Services: With access to the Data Centres of China Telecom and our global partners, you can achieve high speed access to both local and global Internet resources
- Plus Managed CPE services: Based on global ICT implementation capabilities, we offer you internet and network terminal equipment integration services
- Plus IP Sec services: With integration of the Global Internet Access Service and IP Sec platform, you can receive a more comprehensive and cost-effective VPN service
- Plus Anti DDoS prevention service: With professional black-hole and cleaning pipe for mitigation of DDoS attacks, we protect your daily business operation from DDoS attacks

Quality service guarantee

Global Internet Access provides 24/7 performance monitoring services, ensuring network flow and service quality. We also offer the highest SLA in the internet industry, powered by our high-quality internet backbone service.

- Network Availability 99.99%
- Service Availability > 99.9%
- Average Network Latency:
 - Hong Kong - Mainland China < 50 ms
 - Singapore - Mainland China < 80 ms
 - Asia (Intra-Asia) < 150 ms
 - Europe - Asia < 240 ms
 - Transatlantic < 90 ms
 - Transpacific < 130 ms



China Telecom are global leaders in internet services.

To find out how you can take advantage of our unparalleled internet communication capabilities, please call us on +44 (0)20 7537 7156 or email:

Contact us today to find out more

Call CTE on +44 020 7537 7156 or email us at emeamarketing@chinatelecomglobal.com

CTE Key facts

Extensive European-Asia Network
– transiting TMP, TEA, TEA2, TEA
4, CR2, TSR, SMW3, SMW4 and
SMW5 cable systems

World's largest 4G LTE FDD mobile
operator (323 million mobile
subscribers)

World's largest
broadband operator
(150 million subscribers)

Owns and operates China's largest
optical fibre network: over 83,000
km long, covering 70% of China's
territory and connecting all Chinese
cities

Owns and operates ChinaNet,
China's largest Internet network

Owns and operates China's largest
MPLS VPN network, based on our
next-generation, carrier-class, IPv6-
capable Internet backbone network

Primary service provider
in all 21 southern provinces
in China

Owns comprehensive trans-Pacific
cable systems, including China-U.S.,
Japan-U.S., SEA-ME-WE3 in APCN2,
SMW3, SMW5, FASTER, Flag, TAE,
etc.

International bilateral connectivity to
100+ countries

More than 670,000 professionals
employed around the world

Ranked #141 on Fortune's Global
500 in 2019



100% bespoke technology solutions

When you partner with us, everything we do is geared to the specific needs of your business. You get a tailored solution that delivers the performance, flexibility and capabilities you demand. We can help you:

- Get the connectivity solutions that you need to succeed.
- Provide you with ancillary technologies that complete the requirements you have to achieve your business goals.
- Discover our value-added services that help to future-proof your connectivity and ICT needs.

Who is CTE?

For companies who want to grow their businesses or establish a presence in China, or for Chinese enterprises that wish to expand overseas, CTE provides integrated telecoms and communications services.

CTE is a wholly owned subsidiary of China Telecom Global (CTG), the international arm of China Telecom. CTE's unrivalled knowledge of the Chinese market, and regional offices across Europe, make CTE an ideal partner for European and Asian businesses, including European multinational enterprises, Chinese enterprises in Europe, carriers, telecom service providers as well as Europe-based Chinese consumers.

CTE seamlessly connects your global business to the world's largest single marketplace. Our European-Asia Network has more terrestrial and submarine routes than any of our competitors, and domestically China Telecom owns the largest digital network in China. This results in superior lower latency, greater diversity and improved resilience when accessing business applications to and from China. CTE can bring all your international communications needs under one global contract, and give you the peace of mind that comes from knowing you're in the safe hands of industry experts.

Find out more by calling CTE on +44 (0) 20 7537 7156

Or email us at emea.marketing@chinatelecomglobal.com



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