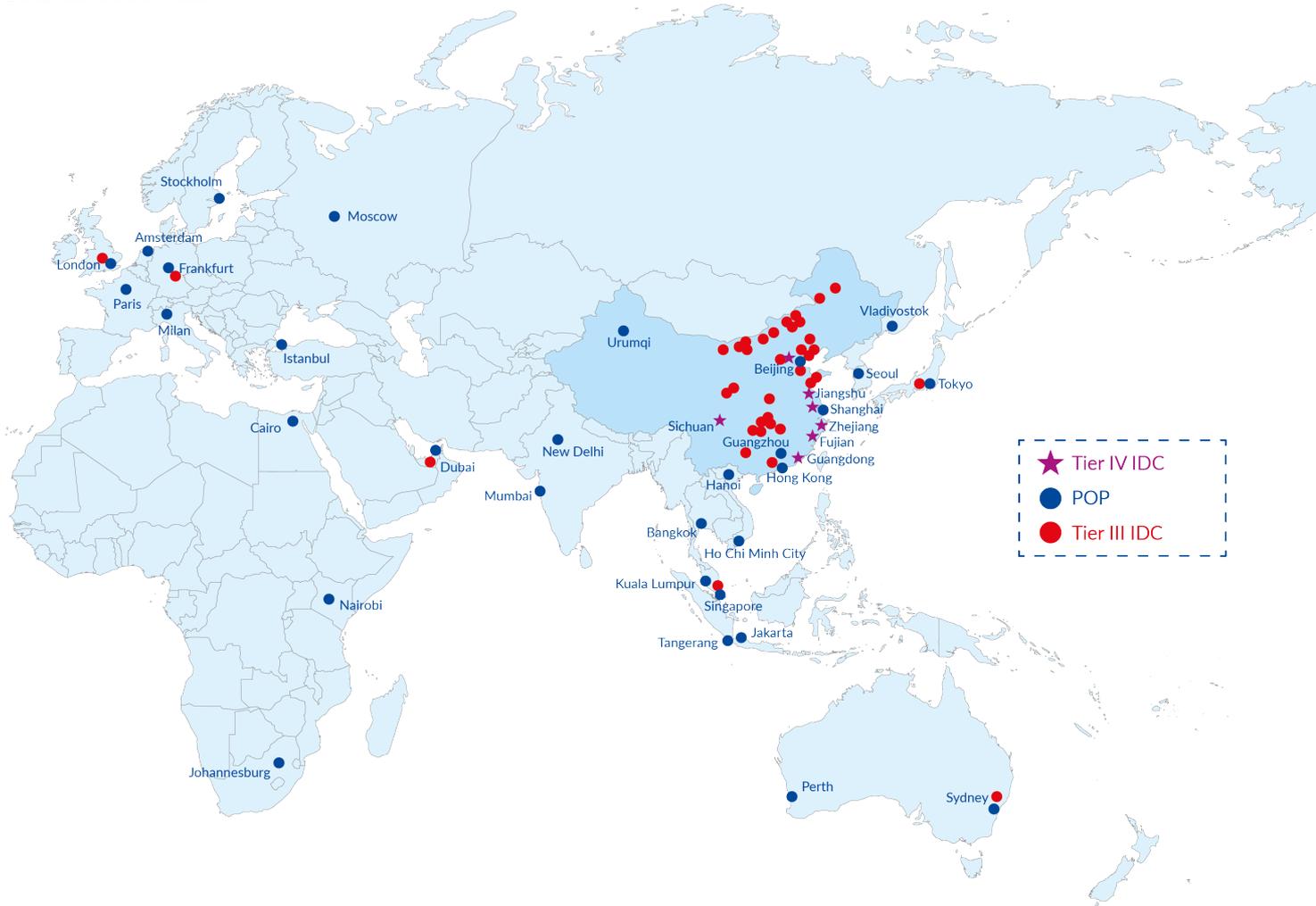


CTE Data Centre Services



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

Data Centre Services



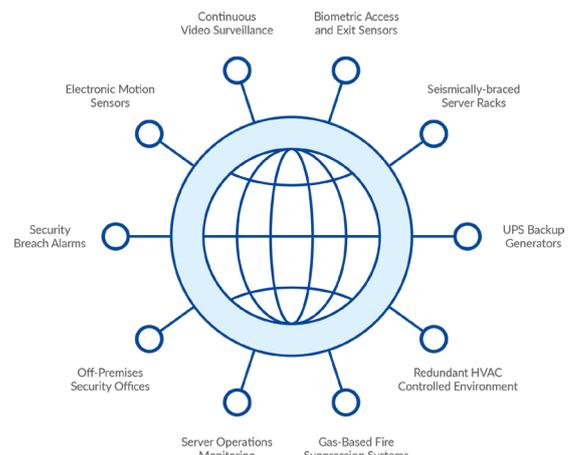
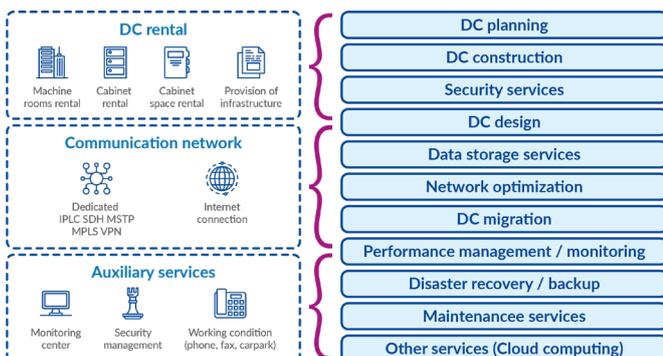
Many companies don't want the hassle or expense of running their own data centres, which are costly, complex and time-consuming to build and manage.

China Telecom's Internet Data Centres span the globe, providing secure hosting and high availability. Our additional managed services, such as website hosting and disaster recovery services, make our team an extension of yours.

We provide all the tools, expertise and service excellence necessary for a successful off-site IT infrastructure build. Our facilities are designed and built according to industry best practices for high-performance computing environments. They are protected by the most up-to-date network, storage and physical security technologies.

Our data centre and colocation services include:

- Website hosting and virtual hosting
- Internet access
- Cage and rack space for colocation
- IP address space
- Data recovery and disaster protection
- Network management outsourcing
- Security systems including firewall management, anti-virus scans, intrusion detection and Distributed Denial of Service (DDOS) protection
- Systems integration



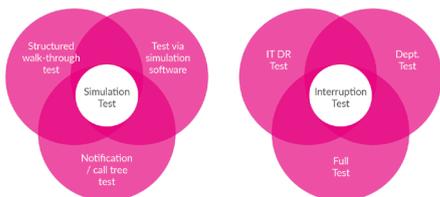
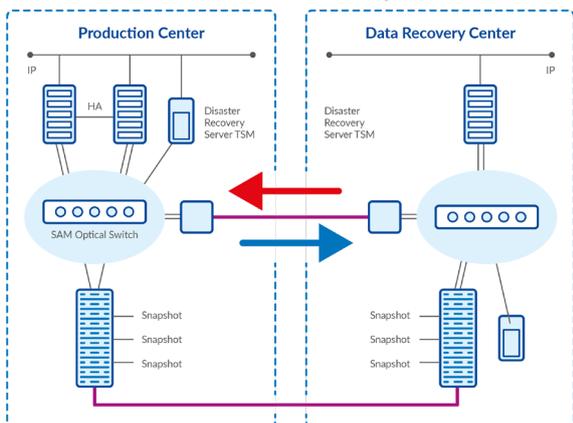
China Telecom can take care of all your IDC needs, from facility lease to overall construction, operation and maintenance services.

China Telecom provides best-in-class secure IDC operations.



China Telecom's global disaster recovery service helps you manage and minimize risks.

High Capacity Bandwidth for Data Synchronization
 1. Hong Kong – China as dual backup center (Primary + DR)
 2. High Capacity Data Synchronization between cross-border data centers for highly reliable business continuity



With over 600 IDCs in our global network, we have a proven track record of providing a first-class one-stop service. To find out more about how we can free you from the pressures of setting up your own in-house data centre, please call us on +44 (0)20 7537 7156 or email us at:

emea.marketing@chinatelecomglobal.com

With China Telecom Europe's Colocation Services you get:

- **Global reach**
Fully diversified network connections that connect every continent in the world
- **99.99% facility uptime**
Backed by comprehensive service level agreements (SLAs), 24/7/365 technical support and dedicated NOC-based engineering personnel
- **High performance**
Up to 100Gbps high speed internet access, and low-latency private line service available. Our high-performance Tier IV facilities are designed with high density power and cooling infrastructures to support the latest generation of servers
- **Full redundancy**
N+1 redundancy for UPS, generators, power distribution, cooling security and network resilience systems
- **Facility safety**
All facilities are protected by 24/7 environmental control monitoring and alerts, dry pipe fire suppression systems and global disaster recovery solutions. State-of-the-art security measures, including 24/7 CCTV monitoring and bio-authentication security systems, are in place at all China Telecom data centres
- **Scalable packages**
Our flexible, highly customisable data centre architectures allow us to deliver the exact service solution you need to meet your specific business requirements

Industry certifications and best practices
 China Telecom remains committed to the highest level of technical excellence and dedicated service. In addition to our five-star global IDCs, we adhere to the industry's best practices, and our data centre engineers hold internationally-recognised certifications such as Cisco Certified International Experts (CCIE) and Cisco Certified Network Professionals (CCNP). China Telecom Europe holds ISO27001 (Information Security Management System) and ISO9000 (two-part quality management system) certification compliance

Green energy consumption
 As part of our commitment to environmental protection, China Telecom has established comprehensive energy efficiency and other green operational policies at all our data centre facilities

IDC Services in China

China Telecom has over 600 Internet Data Centres across mainland China, from Beijing to Shenzhen and from Shanghai to Guangzhou. Our products and services include:

- Exclusive VIP area cage hosting
- High power density hosting areas
- Multi-carrier network access
- Office seats, business recovery seats and NOC centre
- Managed operation and maintenance services

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

Contact us
today

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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