Euro-Asia Network Solution

Business links between Europe and Asia are expanding by the day, and with it, the flow of data is increasing exponentially. Multinational companies, telecom corporations and their clients require rapid, reliable, efficient and flexible data transport solutions to meet the ever-growing demand for timely, trouble-free information exchange and to enhance operation efficiency.

Euro-Asia Network Solution (ENS) is a superior solution offering exceptional reliability and secure connectivity between all major POPs in Europe, China, Asia and Hong Kong. Based on state-of-the-art fibre optic network technology, ENS significantly enhances businesses' efficiency between Europe and Asia. Its extraordinarily high availability ensures business links are available when needed most.

中国电信
CHINA TELECOM
中国电信（欧洲）有限公司
China Telecom (Europe) Ltd.
Member of China Telecom Global
www.chinatelecomglobal.com

The Unique China Telecom ENS

- As owner, builder and operator of the Euro-Asia Network, China Telecom is in an unrivalled position to offer the highest quality ENS solution available, with a scalable backbone network, end-to-end management and performance monitoring.

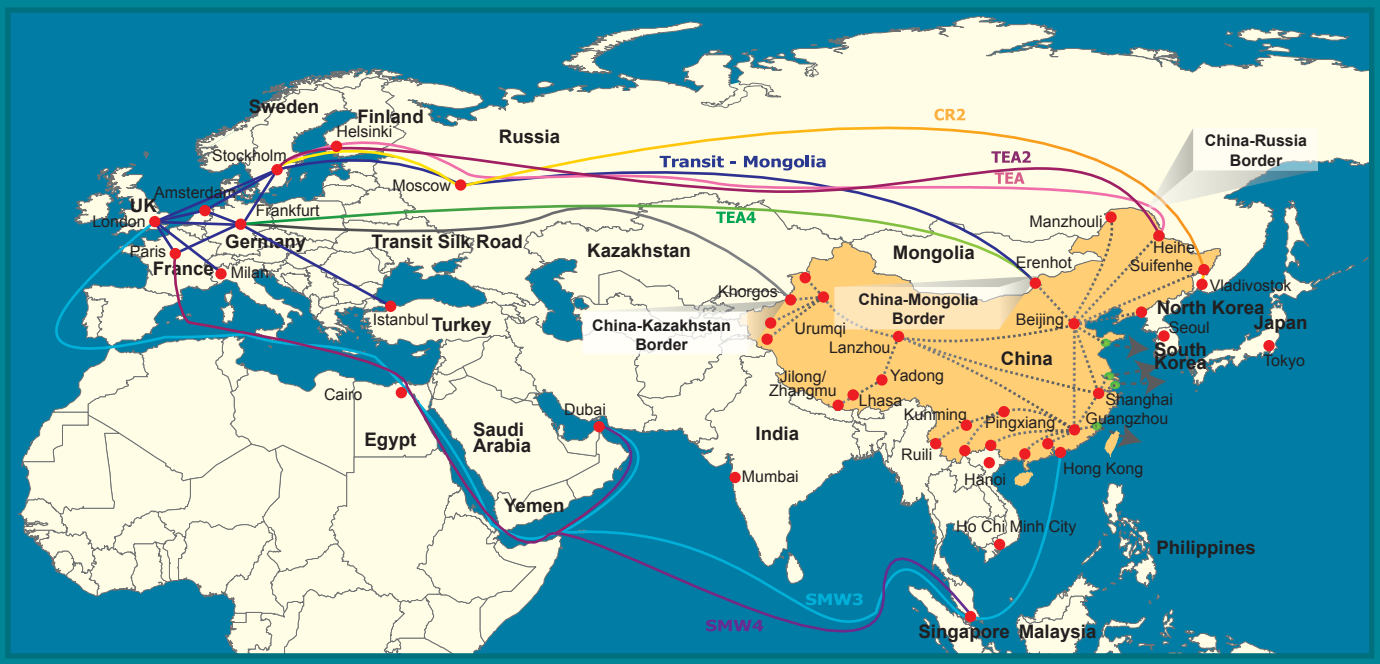
- The service quality, speed, accuracy and reliability of China Telecom's ENS are second to none, and our diverse and scalable data solutions fulfil every communication need without hesitation.

- The most resilient link available between China and Europe. Six ultra-reliable fibre optic terrestrial cable routes and interconnected POPs offer unparalleled connection redundancy. In the unlikely event of cable failure, we ensure continued services with ad hoc restoration and submarine cable resources as concrete backup.

- Able to meet the various data demands of modern network users. China Telecom's ENS can transport any combination of voice, data, video and IP application simultaneously. Our terrestrial cable network provides high-volume routing to all major cities in the EMEA region and Asia.

- China Telecom's ENS is the best solution for mission-critical applications of multinational customers and global carriers. ENS offers all the advantages of terrestrial fibre optic cabling with ultra-low Round-Trip Delays (RTDs).

China Telecom has 6 independent terrestrial cables and 2 independent submarine cables routing from Asia to Europe.



China Telecom – The Total China Solution

Owning the largest communication network in China and with an ever-expanding global network, China Telecom is in an unbeatable position to provide businesses with the most cost-effective communication solutions. With an "Information Silk Road" stretching across China, the EMEA region, Asia-Pacific and encompassing the entire globe, China Telecom adeptly provides the Total China Solution to meet all your business communication needs.

Key Features and Benefits

- Unparalleled service reliability with a high degree of route diversity, ring-structured cable and self-healing protection mechanism applied
- Highest possible level of network security and enhanced manageability
- Additional submarine backup cabling to circumvent outages caused by unforeseen events
- Highly scalable bandwidth, from E1 to STM-64, grows as businesses grow
- Supports L2 connectivity for both EoSDH and VPLS technologies
- DWDM optical fibre system gives extraordinary digital bandwidth of up to 800Gbps
- Extremely low latency supports time-sensitive applications and short connection lead time
- We work with strategic partners across Europe to ensure network redundancy, offering diversified and fully protected end-to-end network solutions

Route	Protection	HK-FRK (Test Latency)	HK-STO (Test Latency)	HK-LDN (Test Latency)	Availability
TMP	Protected	171	151	177	99.90%
TEA	Protected	200	175	201	99.90%
TEA2	Unprotected	194	169/192	195	99.50%
TEA4	Unprotected	171	-	-	99.50%
CR2	Protected	210	185	211	99.90%
Transit Silk Road	Unprotected	170	-	-	99.50%
SMW4	Unprotected	212	-	220	99.50%
SMW3	Unprotected	240	-	233	99.50%

Technical Description

- Exclusive usage rights between POPs or point-to-point capacity leasing services
- SDH: 2Mbps, 45Mbps, 155Mbps, 622Mbps, 2.5Gbps
- Wavelength: 10Gbps
- EoSDH: Bandwidth scales from 2M to 10G

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