



CHINA TELECOM

CONNECTING THE WORLD



World's largest fixed line operator with over **155 Million** access lines in service;



World's largest broadband operator with **100 Million** subscribers;



World's largest CDMA mobile operator, more than **185 Million** subscribers, including **103 Million** 3G Subscribers;



World's largest optical fiber network-**83000 kilometers** long;



Operating revenues reached **RMB 321,584 Million** with an increase of **13.6%** in 2013;

(Source: 2013 Annual Report of China Telecom Corporation Limited)



Awarded "Overall Best Managed Company in Asia" for 5 years since 2010



Ranked 139th in Forbes Global 2000 (2013)



Ranked 154th in Fortune Global 500 (2014)

"Overall Best Managed Company in Asia" for 5 years in a row



"Best Managed Company in Asia"

EuroMoney, yearly of 2010, 2011, 2012, 2013, 2014



"Best Managed Company in Asia Telecom Sector"

Finance Asia, yearly of 2010, 2011, 2012, 2013, 2014



"Most Honored Companies"

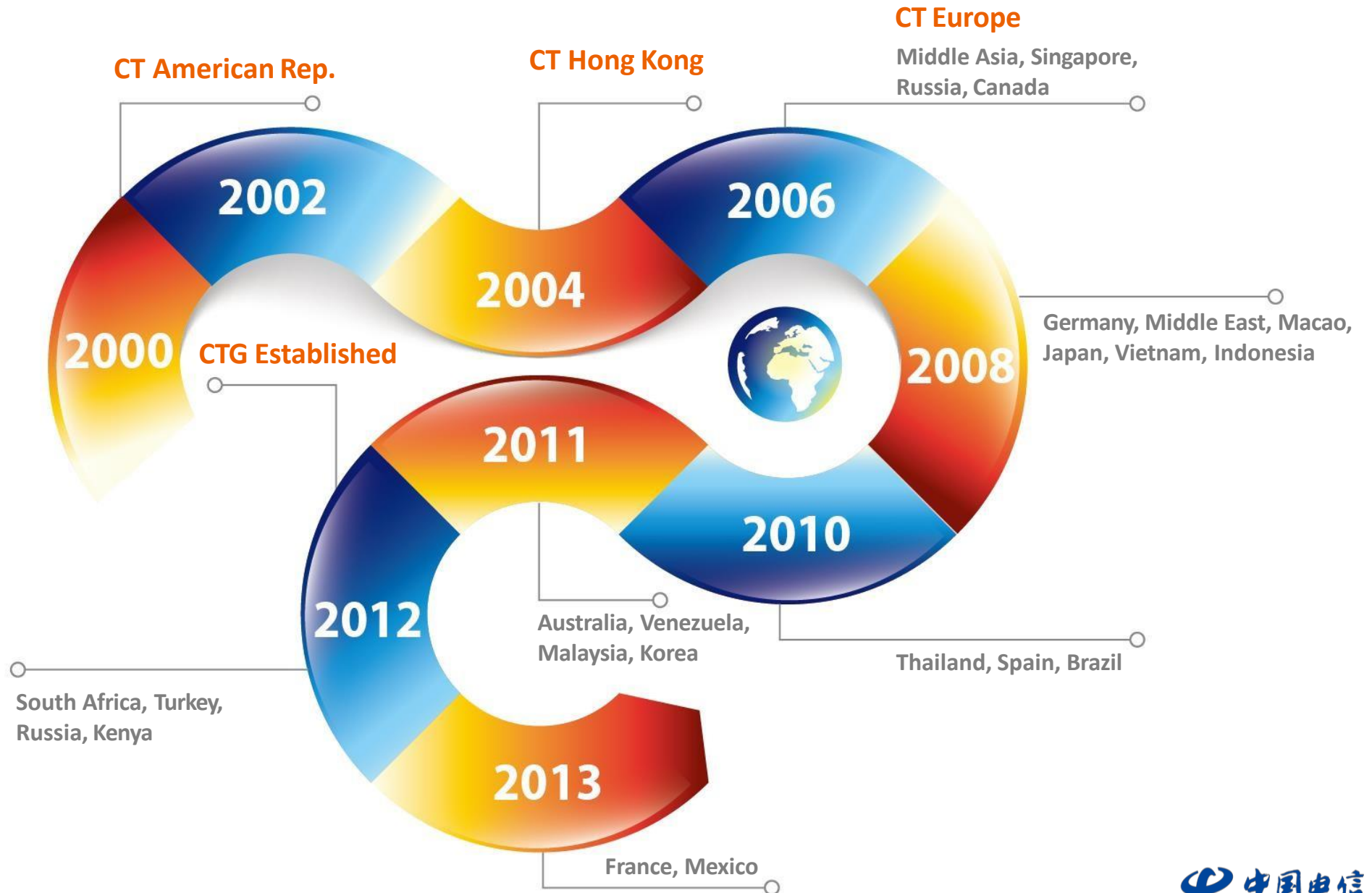
Institutional Investor, 2011, 2012



"The Best of Asia"

Corporate Governance, 2010, 2011, 2012, 2013

Overseas Development Roadmap



Subsidiaries and Rep Offices



China Telecom international operation has presences in **26 countries** and **regions** around the world.



Headquarters
 Point of Presences

Point of Presences		
1. Australia	1. Kazakhstan	1. Spain
2. Brazil	2. Kenya	2. Thailand
3. Canada	3. Malaysia	3. Turkey
4. France	4. Mexico	4. United Arab Emirates
5. Germany	5. Russia	5. US
6. India	6. Singapore	6. UK
7. Indonesia	7. South Africa	7. Venezuela
8. Japan	8. South Korea	8. Vietnam

Overseas Pops



 POP

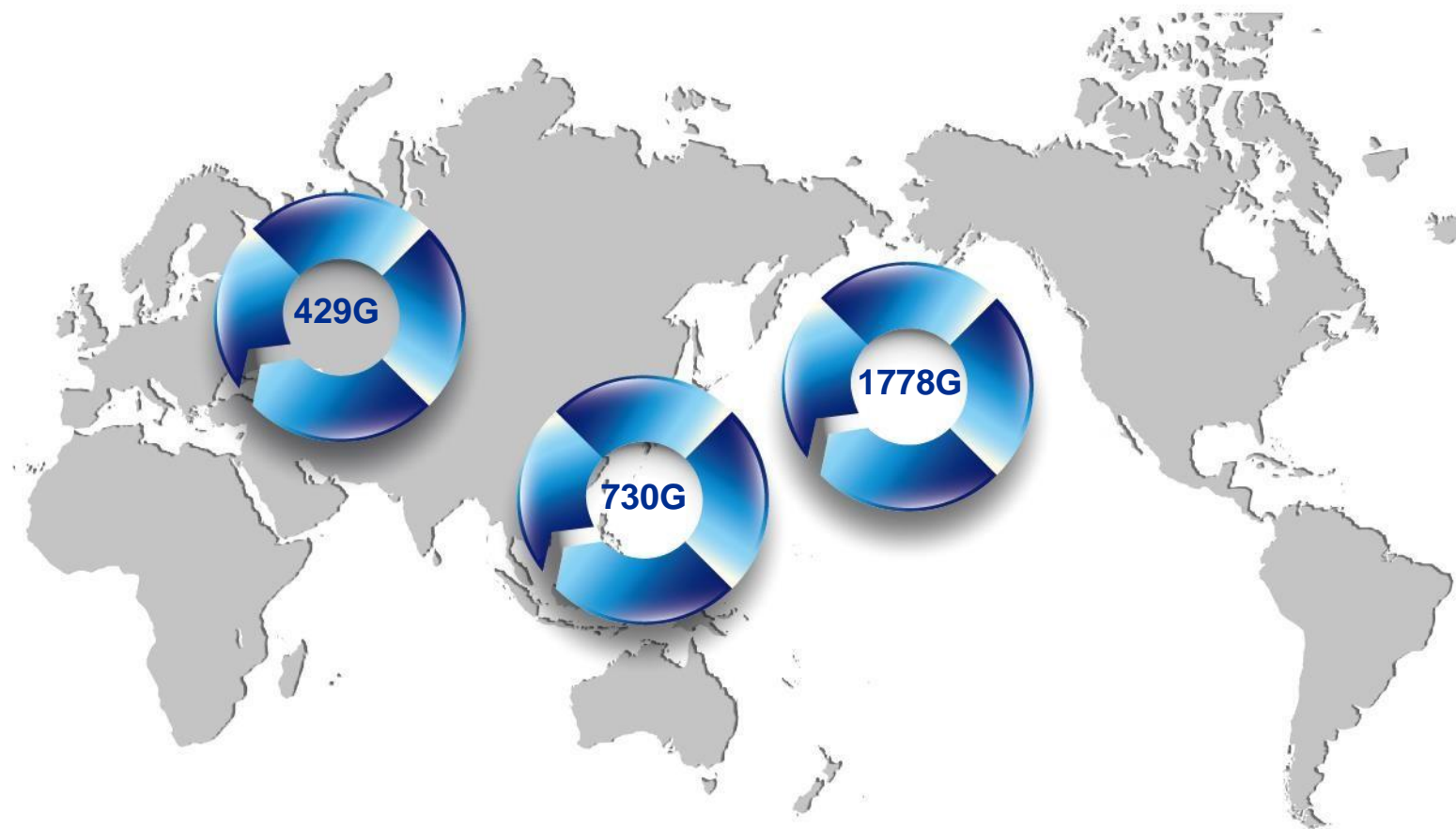
 POP UNDER CONSTRUCTION



Over **61** POPs around the world



Own over **300** backbone nodes in China with an operating capacity of **4000Gbps**

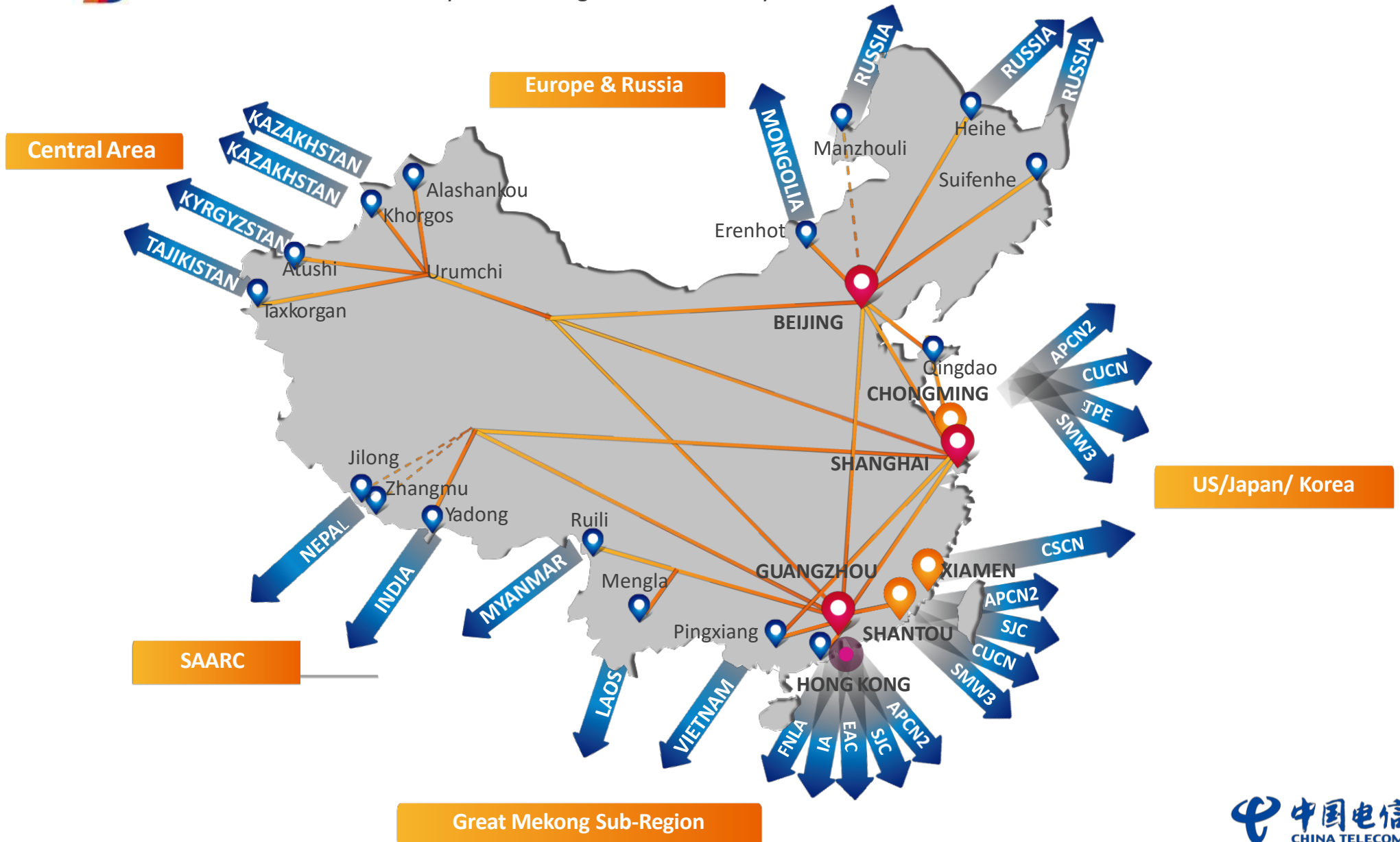


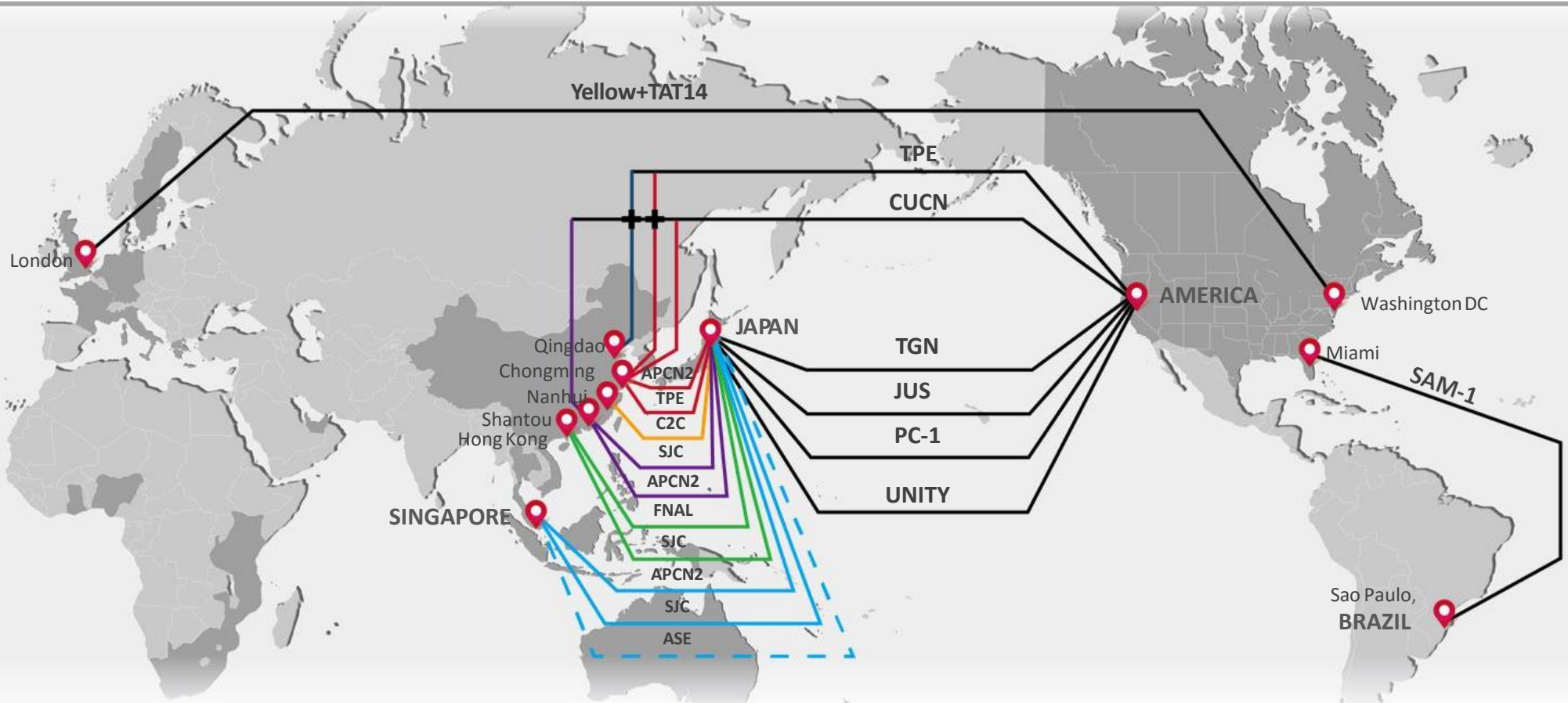
61 overseas POP nodes in **29** countries



Our global network consists of over **33** Submarine cables and high speed terrestrial links with a total international transmission capacity of **7T**, covering **72** countries and regions

Various cross-border cable systems offer global connectivity





Latency figures via TPE

Shanghai - Chicago	158ms
Hong Kong - New York	200ms

Qingdao	Shantou
Chongming	HongKong
Nanhui	Singapore

SJC Completion in Q2 2013



Southeast Asia Japan Cable(SJC) Cable Length:8,900km

Landing Points

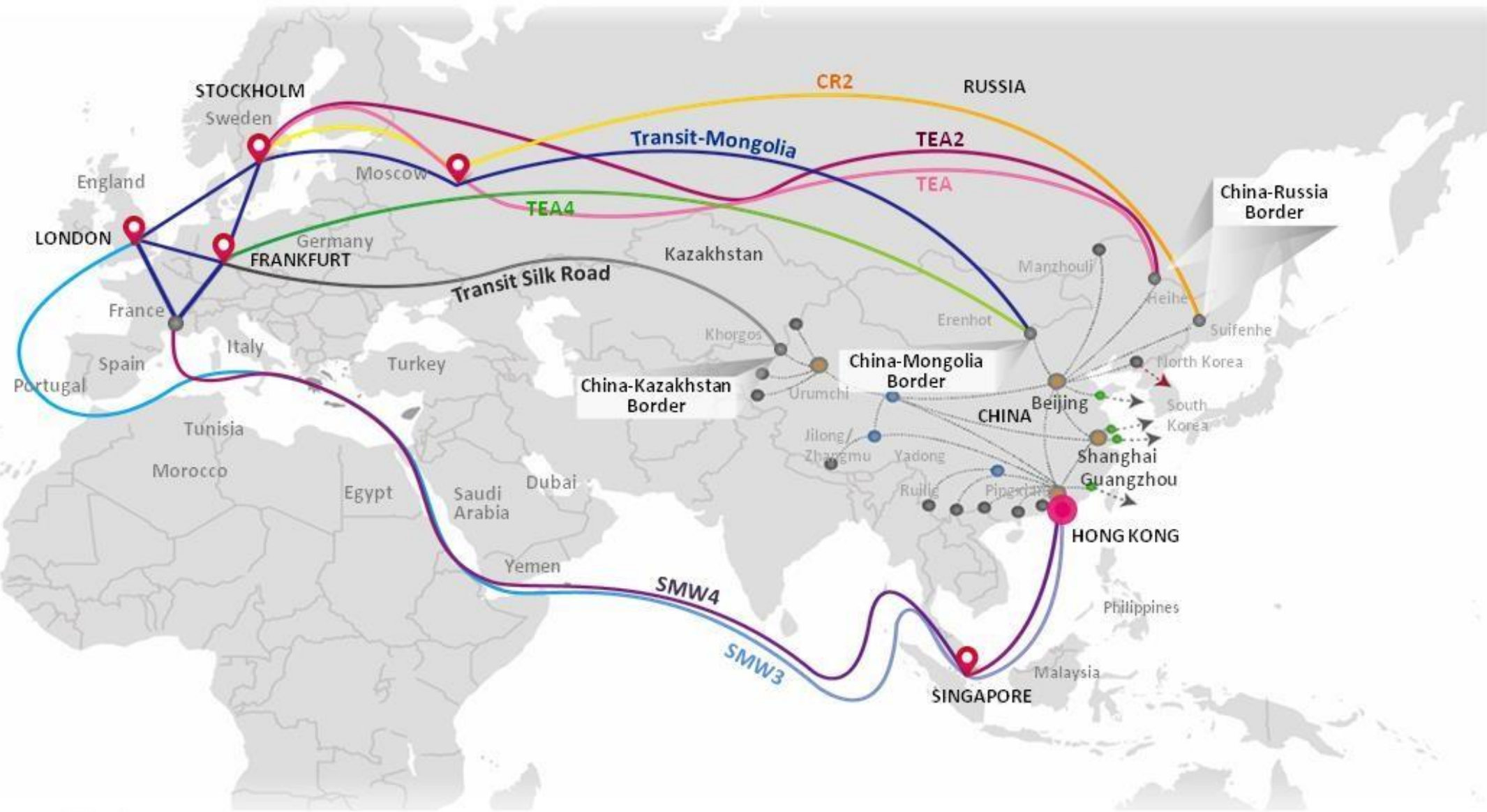
Shantou, China
 Chung Hom Kok, Hong Kong
 Chikura, Japan
 Nasugbu, Philippines
 Songkhla, Thailand
 Telisai, Brunei
 Tuas, Singapore

Path

RTD

Singapore-Hong Kong	31ms
Singapore-Shantou	38ms
Singapore-Japan	67ms
Shantou-Japan	42ms
Japan-Hong Kong	46ms

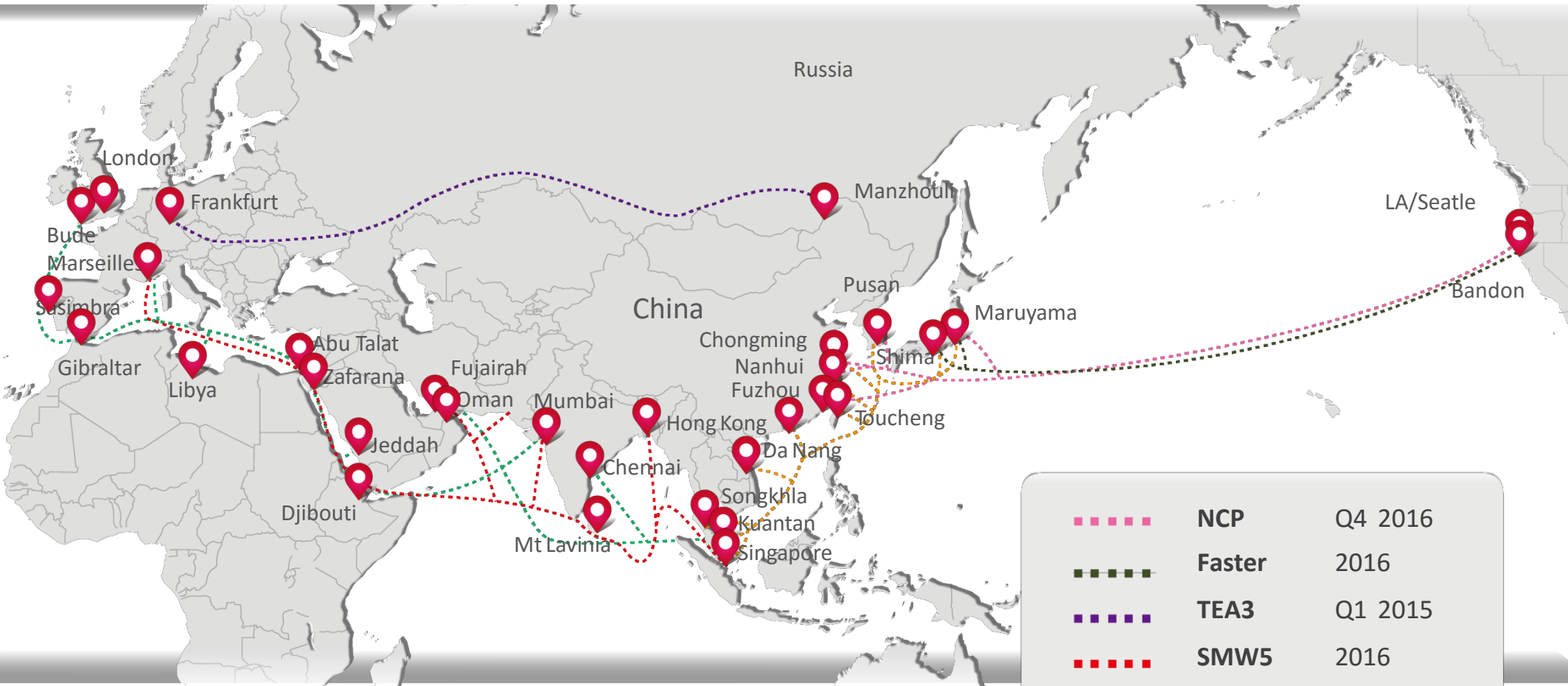
Europe-Asia Network Solution



CTG: Cable Network Coverage is Further Expanded in Mekong Area



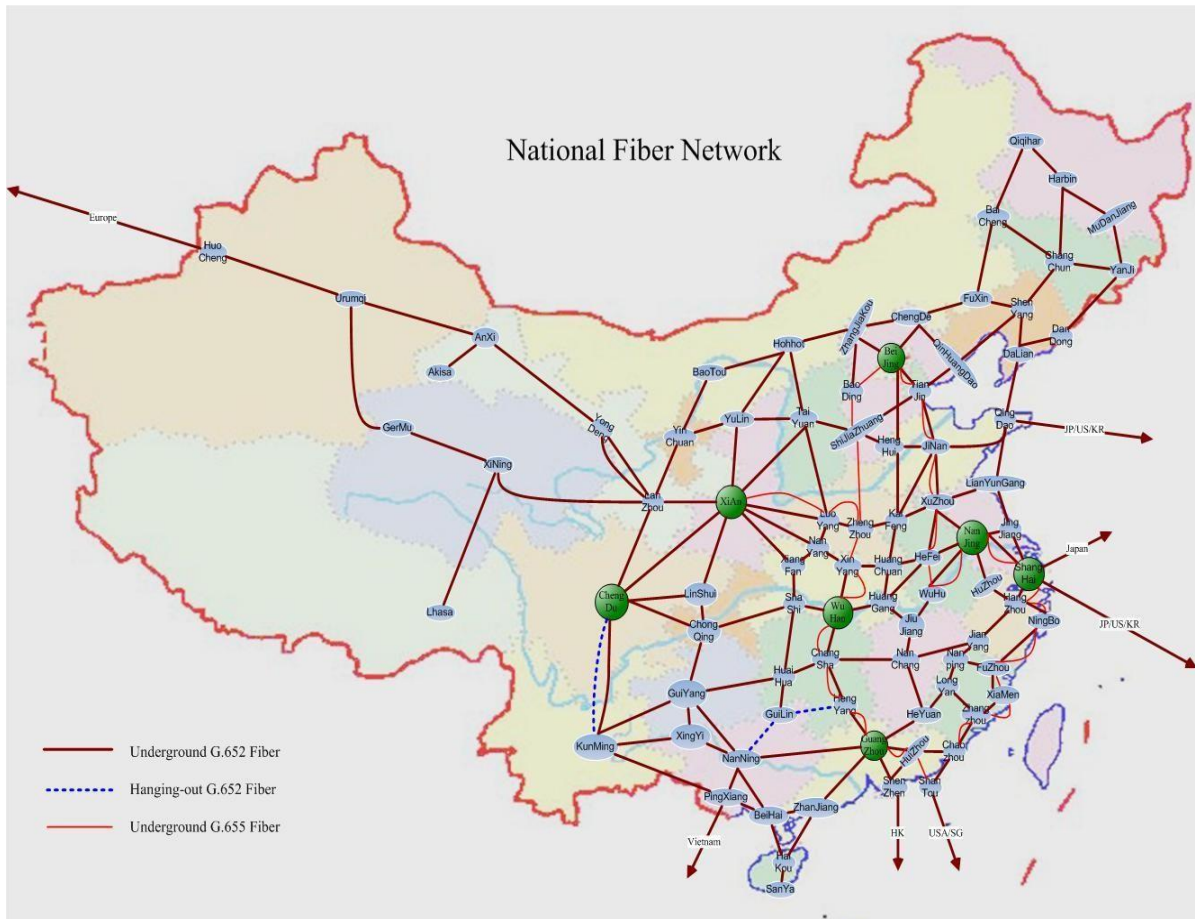
Roadmap of Cable Development



■ ■ ■ ■ ■	NCP	Q4 2016
■ ■ ■ ■ ■	Faster	2016
■ ■ ■ ■ ■	TEA3	Q1 2015
■ ■ ■ ■ ■	SMW5	2016
■ ■ ■ ■ ■	BBG+EIG	Q1 2015
■ ■ ■ ■ ■	APG	Q2 2015

Our Products & Services





Fiber

- Over 83,000 Km fiber cable length, reaching every corner of China
- G.652 / G.655 fiber type
- Mesh topology



DWDM system

- 40G DWDM system has been constructed in 2009 to meet the requirement of IP network
- Mesh topology





SDH system

- (1+1) MSP, MSSP ring etc. in backbone

China Telecom has the largest local access capability throughout China, covering all 31 provinces. We can increase total quality experience as direct owner & operator of China's telecom infrastructure.



-  ChinaNet hosts over **70%** of Chinese content and more than **100 Million** broadband subscribers.
-  China Telecom is one of the most influential Network in the world and its backbone network consists of **4000G domestic** and **2900G international** bandwidth.

Global Low Latency Transmission Solutions



Shanghai - Chicago 156ms

Hong Kong - Frankfurt 170ms

Hong Kong - Singapore 31ms

Shanghai - Tokyo 31ms

Hong Kong - New York 200ms

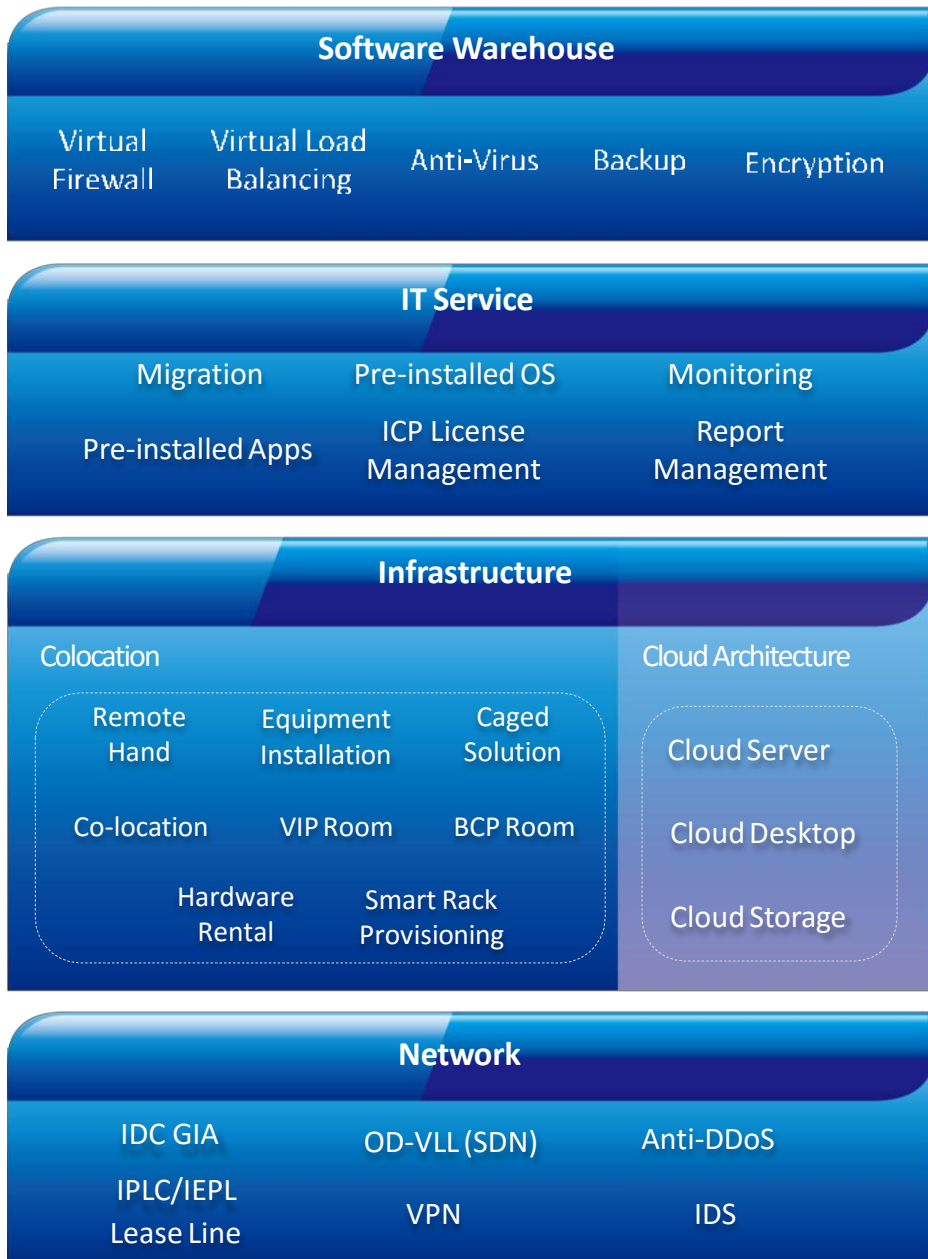
Shanghai - London 166ms

Shanghai - Singapore 54ms

Shanghai - Hong Kong 27ms

Shenzhen - Hong Kong 2ms

Cloud Computing



Cloud Server Architecture



Cloud Global Coverage


With rich experiences in data centers operation, China Telecom has :

- more than **300** IDCs in mainland China
- own **6** overseas IDCs
- over **15** IDC partners in more than **50** countries.

CT has 80% of market share in mainland China.

 5 stars standard

 Experienced staff with BCI Certification

 ISO27001 and ITIL





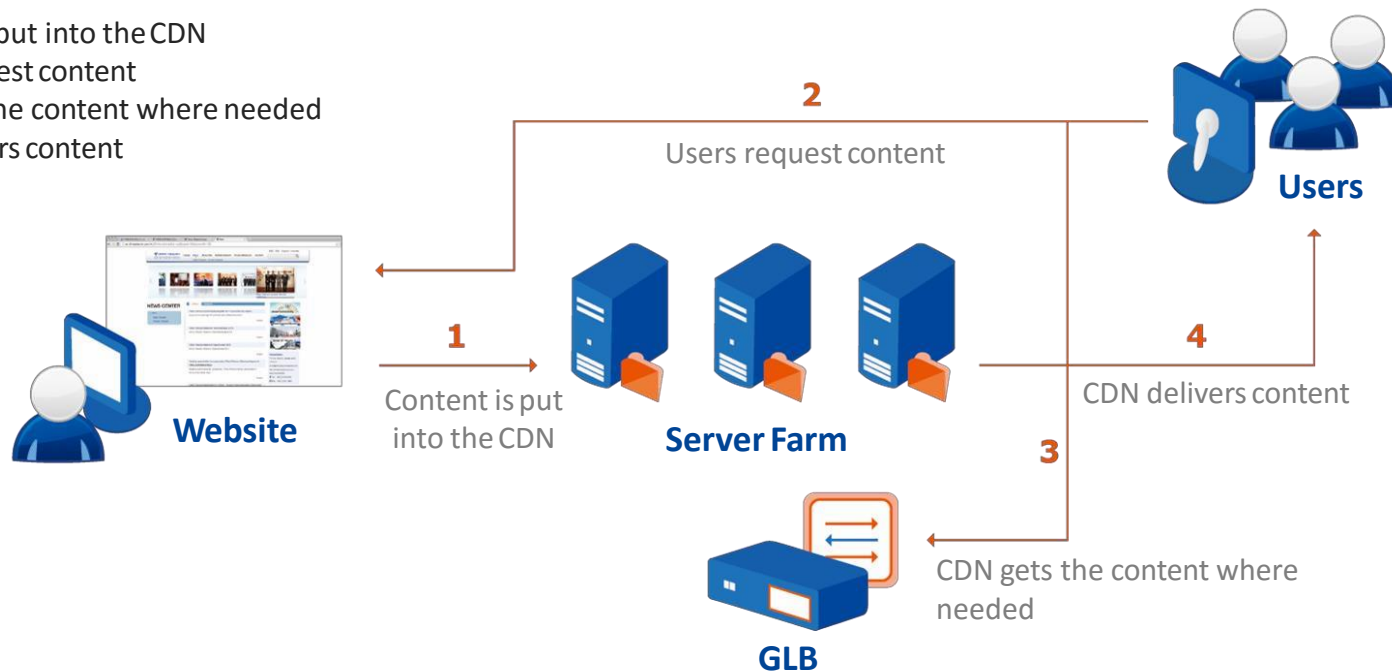
CTG CDN solution is your perfect choice in reaching and delivering your content within a second :

- **Speed up Your Success** : Scalability, ease of use and cost effective service to address dynamic online delivery.
- **Customized for Your Needs** : A variation of content delivery solutions to support your business objectives.
- **Streamlined Delivery** : An end-to-end support to provide simplified and straightforward solution in content delivery.
- **Premium Performance** : Fast and efficiently deliver your content libraries (Video/Music/Audio/Software Downloads, Live & On-demand Streaming, Online Games, UGC and Websites) to your end users.




How it works

Basic rationale:




- 1 Content is put into the CDN
- 2 Users request content
- 3 CDN gets the content where needed
- 4 CDN delivers content



World-class Customer Service Teams

-  Highly skilled and multi-lingual professionals
-  Customer-oriented to provide quality service
-  Specialize general enquiries and Fault reporting

4 languages supporting Cantonese, English, Mandarin and Japanese






-  24-hour hotline
-  Real-time monitoring with automatic follow-up action procedures
-  Provide multi-channels for regular feedback



For the third consecutive year CTG has won the Customer Relationship Excellence (CRE) Award by the Asia Pacific Customer Service Consortium (APCSC)

7*24 Support

**Global Customer Service Hotline:
(852) 3100 0000**

-  **Enhanced Network Performance** – A more optimized network for your enterprise in China and worldwide to corporate and business applications.
-  **“Speed to Market”** – Efficient project management and shorter installation (45 Business Days) for new installs, upgrades, and changes.
-  **Lower Cost of Ownership** – Competitive and lower monthly costs, scalable for future growth with incumbent and leading provider. Strategic sourcing for China and global locations. Global MSA (no individual contracts).
-  **Global Support and Account Mgmt** – Turnkey provider with market expertise, bi-lingual staff and resources with local account management.
-  **‘Strategic Partner’** – Leverage CT’s incumbent strength and market knowledge and team. Financial strength and stability with continued investments in China, Asia, and the global market.