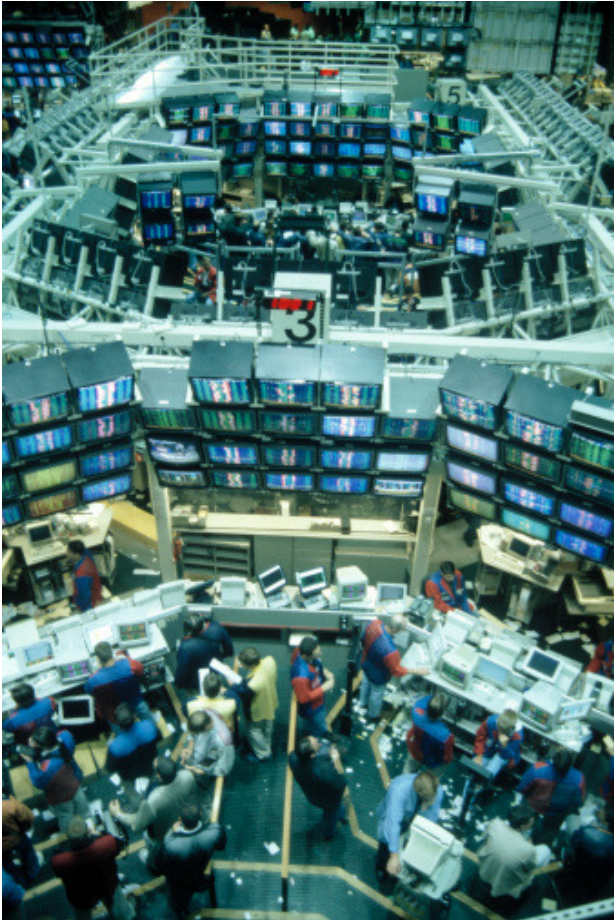


Connect the Leading Global Financial Centres by Ultra Low Latency Network

China Telecom Global Ltd.
21 March 2013

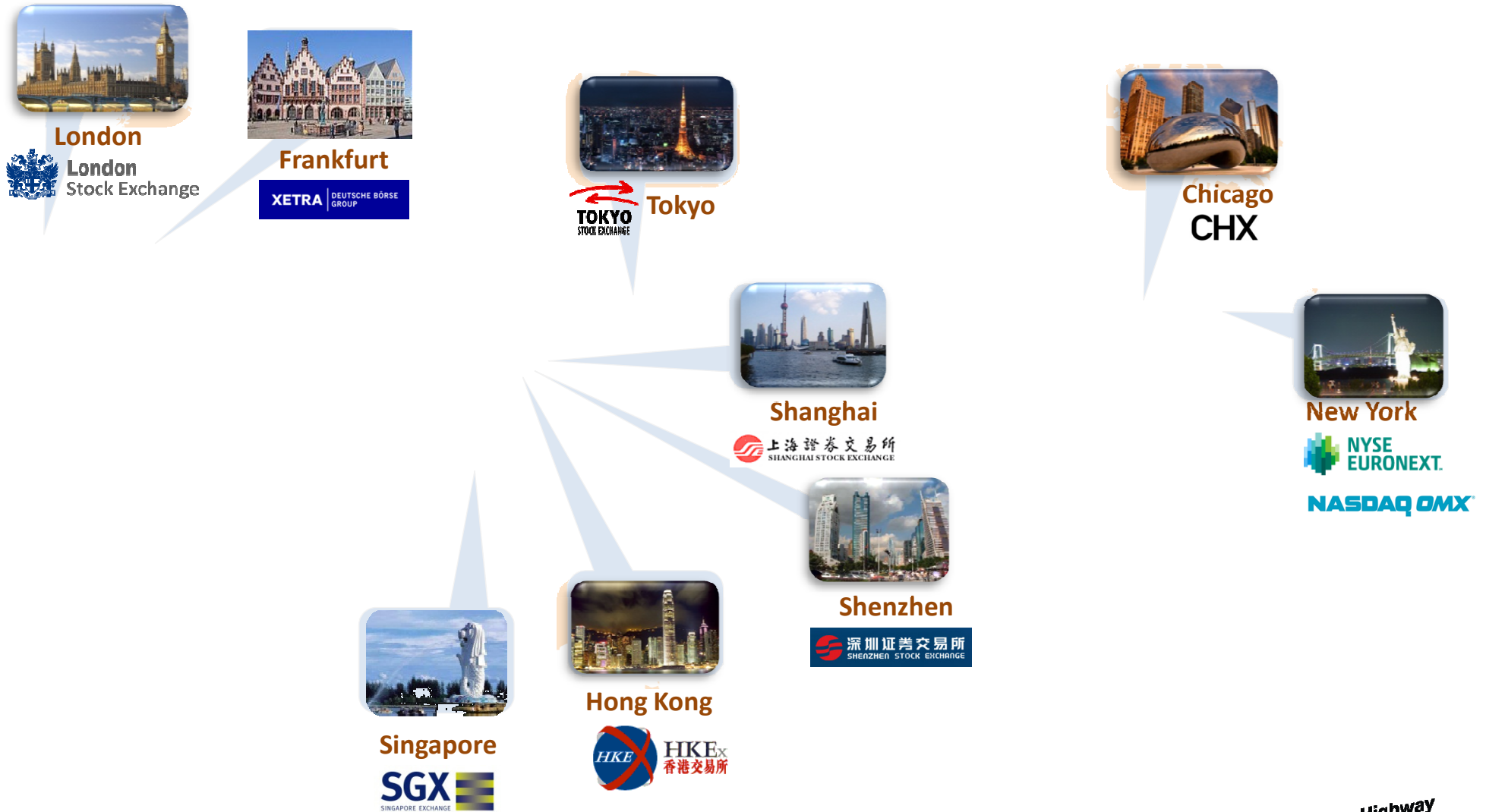
Your Super Highway
to **9 Premier**
Financial Markets

Every millisecond counts



- Time is money & every millisecond counts!
- Network latency demands and expectations are higher & higher to gain competitive advantages!
- Require ultra-fast, stable, scalable network to connect the world's 9 largest financial hubs

9 Premier Financial Markets



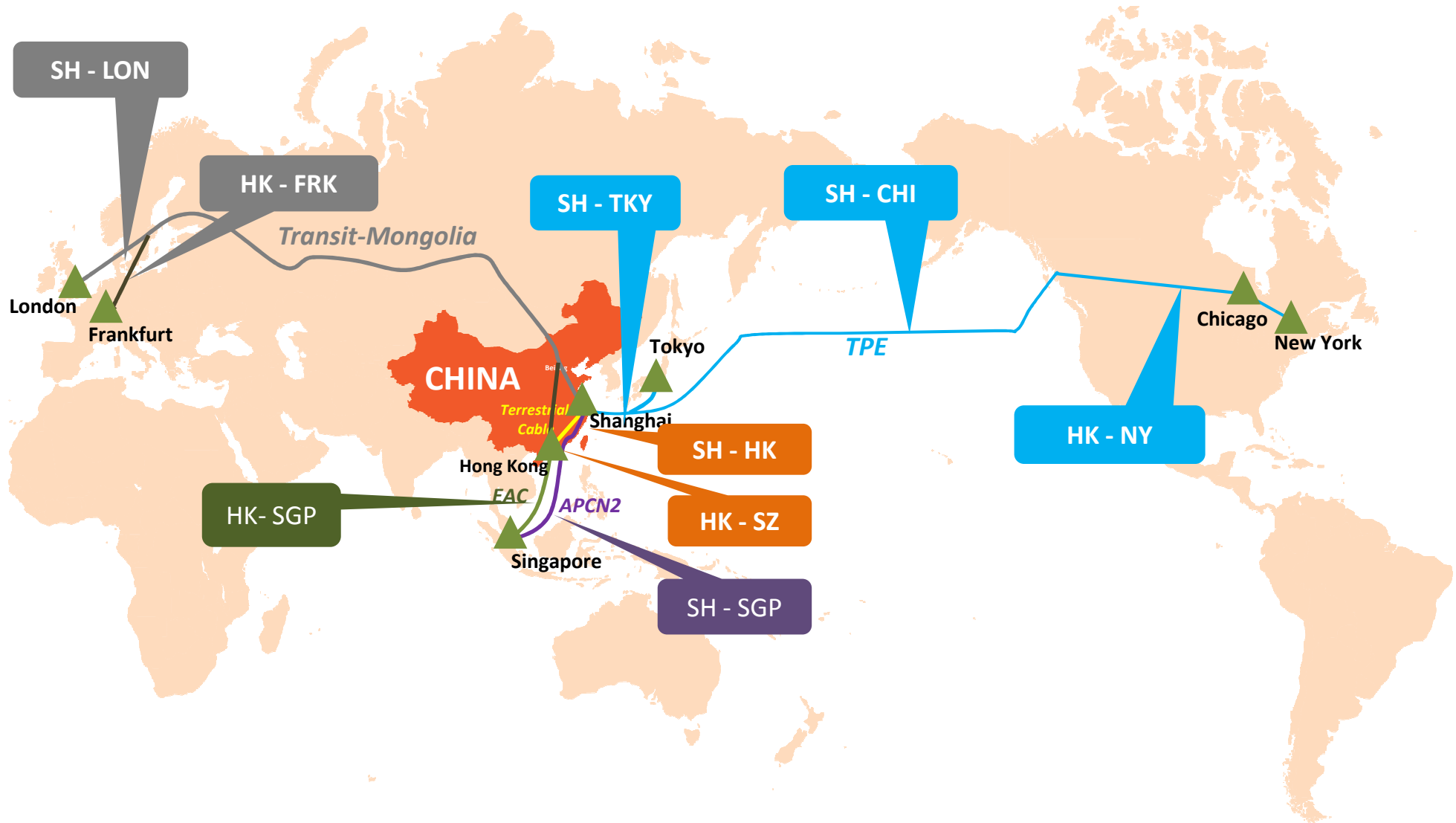
1

How to Connect Global Financial Markets

2

How to serve End-users in China via Internet

Connecting 9 Financial Centres



* Internal network round-trip latency between two CT POPS

• Ultra-Low Latency between Financial Markets

- Ensuring low latency of market data and order execution to maximize profits and minimize risk
- Establishing redundant direct connections to increasingly fragmenting sources of liquidity and market information
- Scaling to meet the requirements of explosion of electronic trading volumes

Connection	Latency (ms)
Hong Kong – Shenzhen	3 ms
Hong Kong – London	180ms
Hong Kong – New York	200ms
Hong Kong – Singapore	30ms
Shanghai – Chicago	158ms
Shanghai – Frankfurt	168ms
Shanghai – Singapore	54ms
Shanghai – Hong Kong	28ms
Shanghai – Tokyo	28ms

* PoP-to-PoP network round-trip latency

Contact Person

- For Details route path consultation, please kindly contact:

Mr. Robert Yeung

Associate Director, Enterprise Solutions

– Mobile: +852 94901066

– Email: robertyeung@chinatelecomglobal.com

Outstanding Performance Guarantee



Guarantee by SLA Service Agreement



Service Availability: 99.9% or above



MTTR: ≤ 4 hours



Scalable from 2Mbps to 10Gbps, Dedicated



Resilience Options Available



Global One-stop Service



Connecting the World

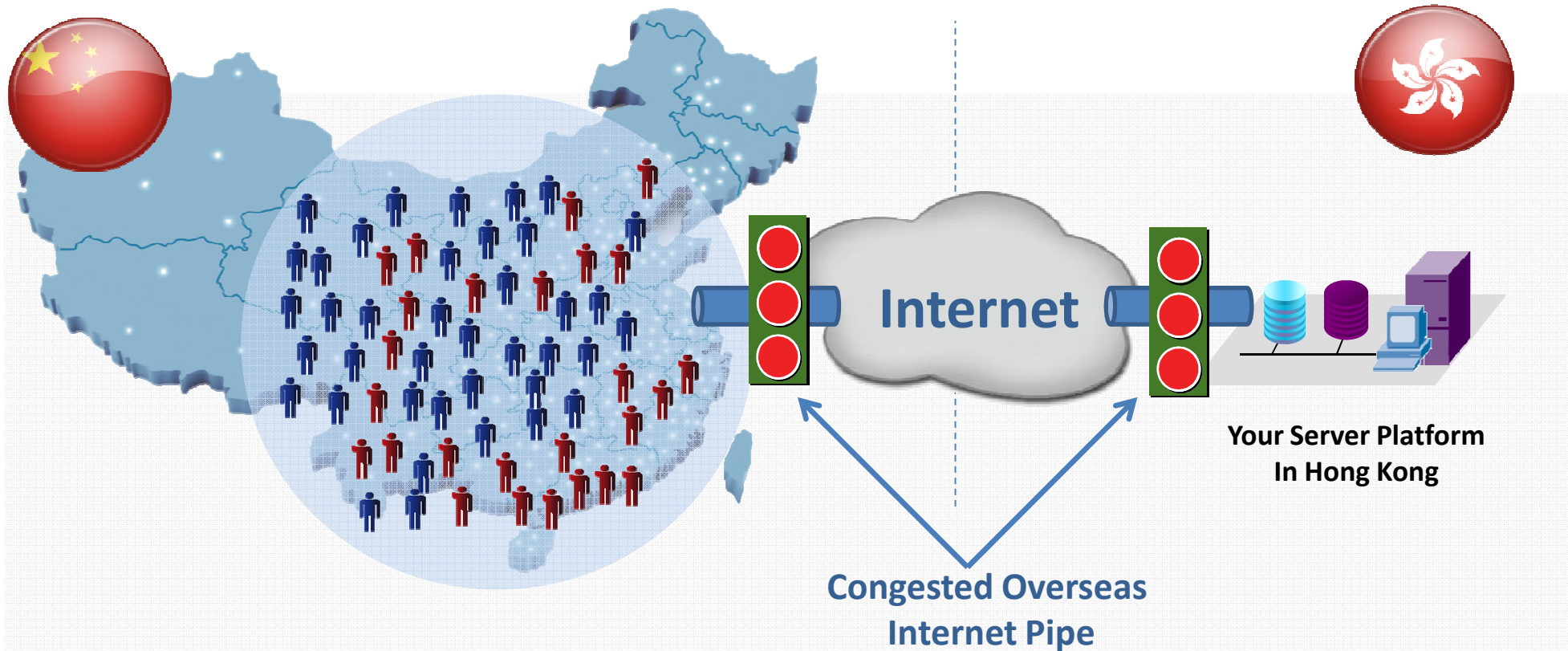
How to serve End-users in China via Internet ?

Satisfy the Online Information Needs
from all over China

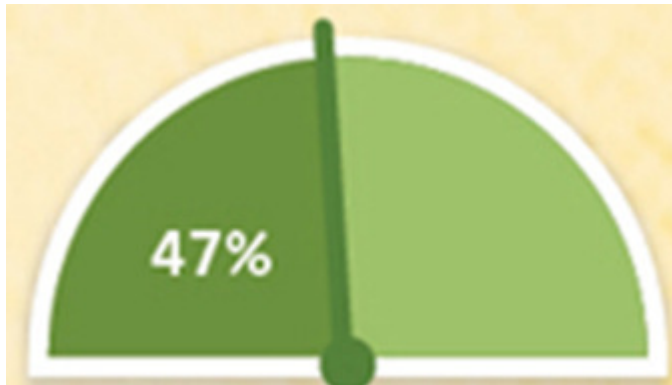


Congested Internet Overseas Connection

Slow Internet Response when serving end-users in China via Internet



Problem of Serving End-users in China via Internet



47% of users expect a web page to load in 2 seconds or less



40% abandon a website that takes more than 3 seconds to load

Slow Online Internet Experience means:

- Loss of Business Opportunities
- Loss of Company Quality Brand Image
- Drop of Customer Satisfaction
- Increased Support Costs

Superior GIA to Enhance Internet Performance

- We are now serving over 70% of China's Internet users



* Our ChinaNet /GIA has the largest number of Internet users in the world

China Telecom Global – Four “ONEs”

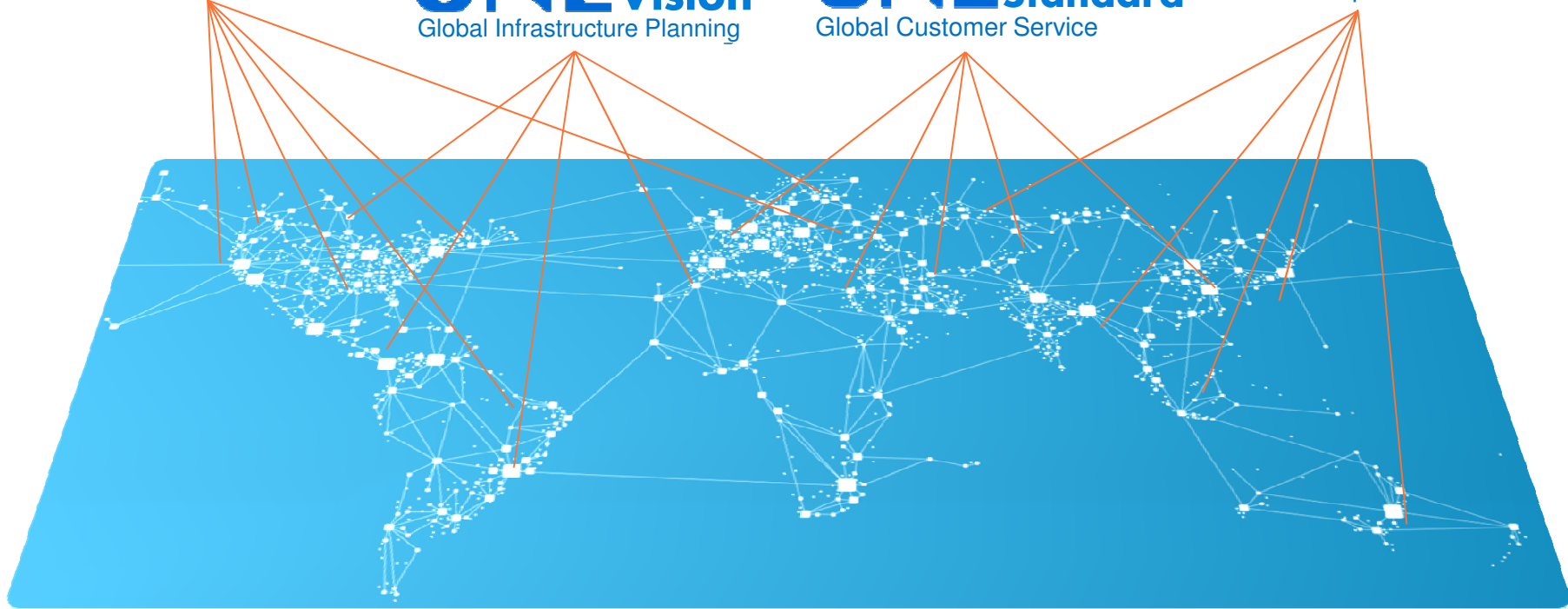


ONETeam
Global Account Management

ONEVision
Global Infrastructure Planning

ONEStandard
Global Customer Service

ONEProcess
Global Operation



Our Global Presence



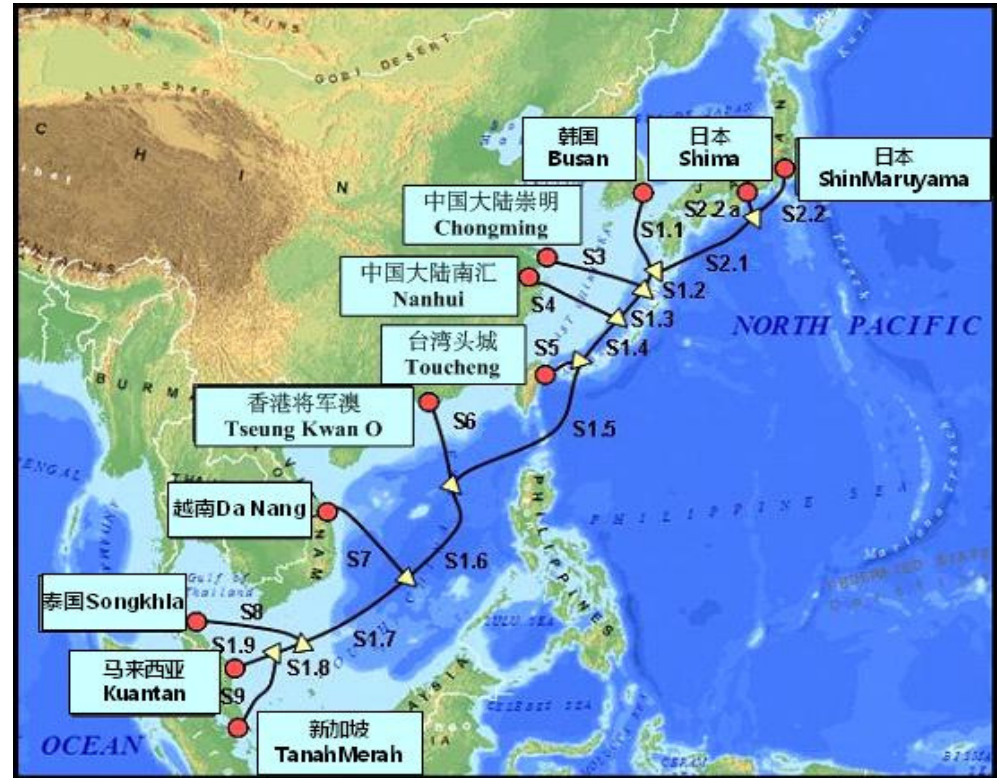
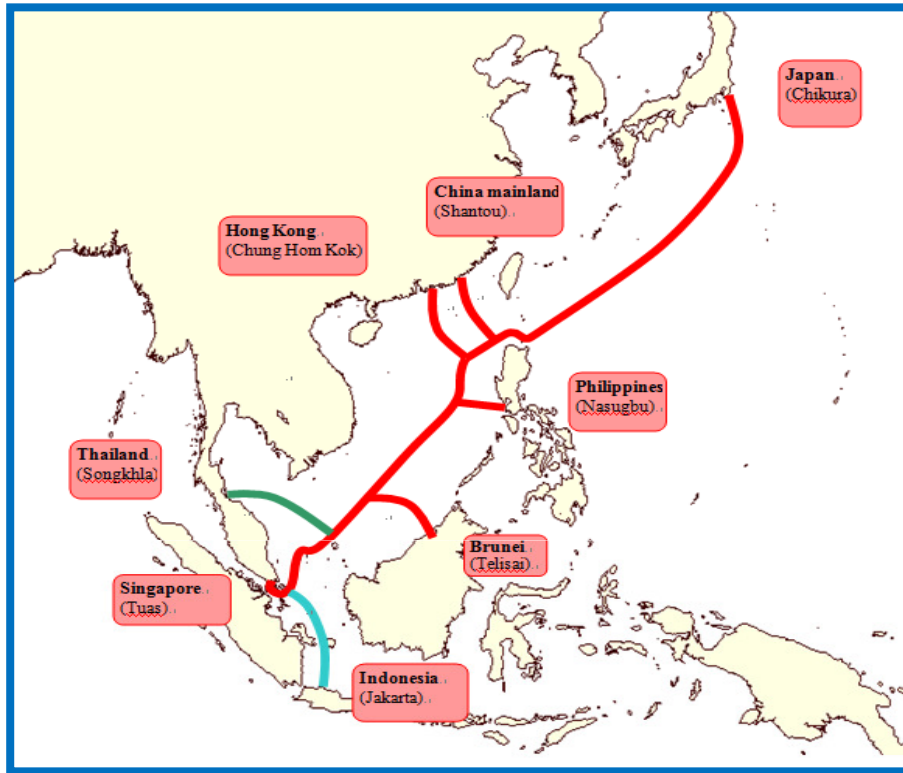
Your Super Highway
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Financial Markets

Our Global Network & Capabilities

- Network Covers **72** Countries and Regions
- Has **40+** Submarine and Land Cables of Total **1.4Tbps** Capacity
- Build **32** International Nodes
- Collaborate with **110+** Carriers & ICT Vendors
- Own **300** Core Nodes & **4Tbps** Capacity in China



Investment in New Submarine Cables – SJC & APG



● Southeast Asia Japan Cable (SJC)

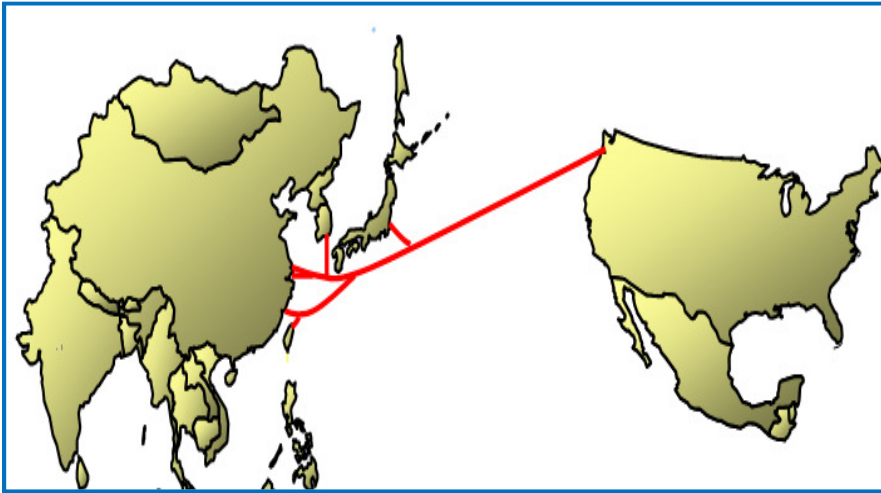
- CT takes the Hong Kong CLS and Shantou CLS
- **RFS:** Year 2013
- **Coverage:** Hong Kong, China, Philippines, Japan, Singapore, Brunei, Thailand, Indonesia

● Asia Pacific Gateway (APG)

- Shanghai Chongming Cable Landing Station
- **RFS:** Year 2014
- **Coverage:** China, HK, Taiwan, Korea, Japan, Vietnam, Thailand, Malaysia, Singapore

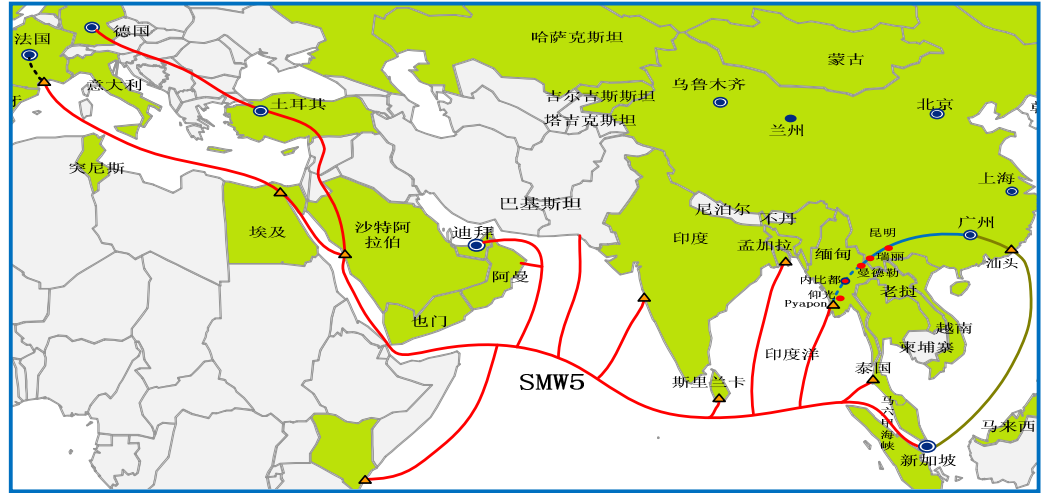
Investment in New Submarine Cables

--New Cross Pacific / SMW5



New Cross Pacific

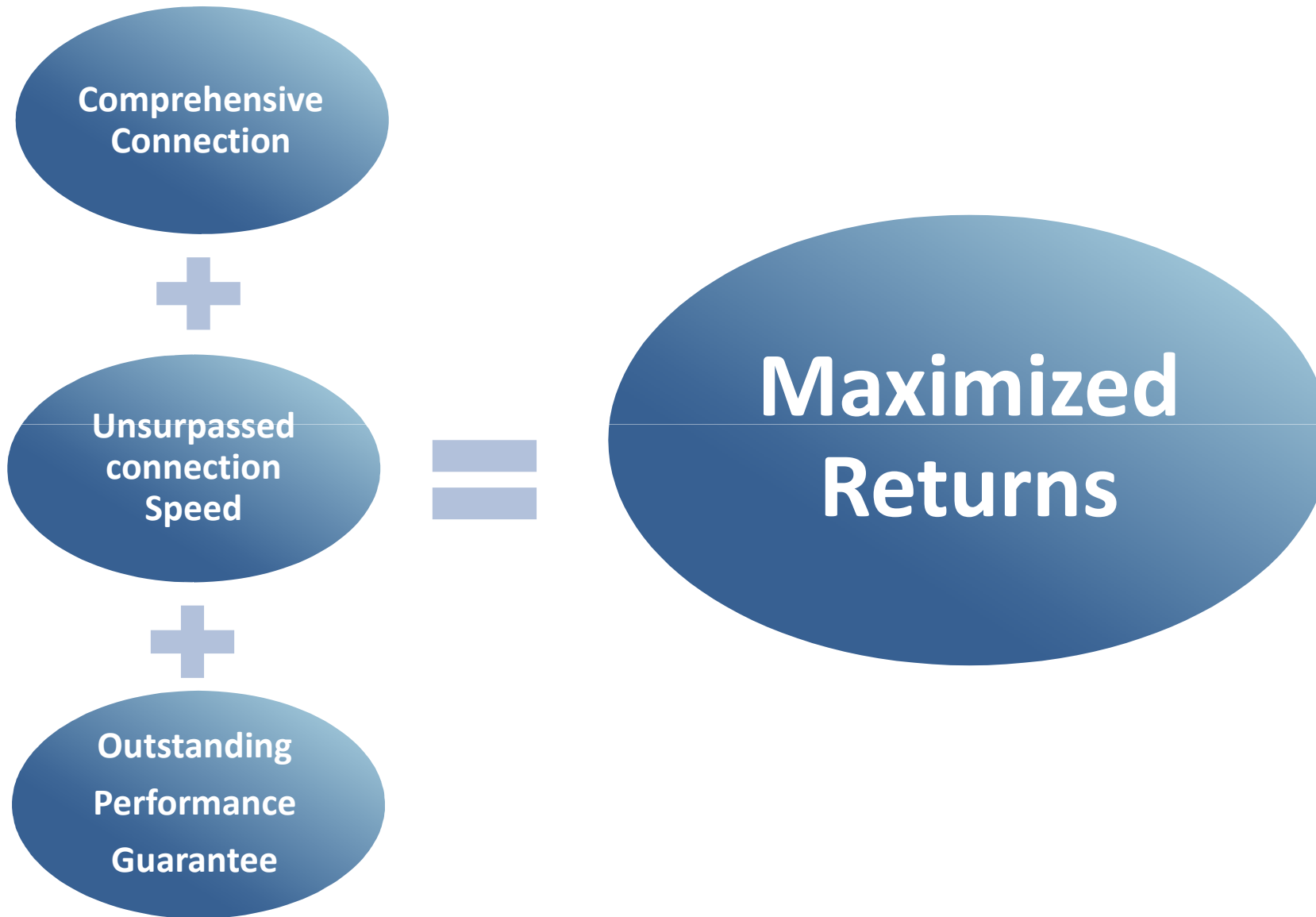
- **Cable Specification:**
-- 6 Fiber Pair trunk with 64×40G/100G Wavelength per Fiber Pair
- **No. of Consortium Parties:** 10
- **Coverage:** China, Korea, Japan, Taiwan, USA
- **RFS:** Year 2015



SMW5

- **Consortium Model:**
China Telecom being the Chairman in the Cable System Management Board
- **Cable Specification:**
5 FP trunk with 80×40G/100G Wavelength per FP
- **RFS:** Year 2015

Key Benefits to Your Business





Connecting the World

Your Super Highway
to **9 Premier**
Financial Markets

Thank You!

