GLOBAL INTERNET SERVICE
FROM CHINA TELECOM AMERICAS

As the world's largest fixed-line and broadband service provider, you can rely on China Telecom as your best partner for Global Internet Service. With continuous infrastructure investments around the world and direct connections with major global ISPs, our customers can fully leverage ChinaNet, the world's largest Internet network reaching more subscribers in Asia than any other IP network and CN2, our entirely new, next generation carrier network built for the demands of globally distributed, Internet-based, mission-critical applications.

Adding to our global network assets is the continued expansion and enhancement of our North American backbone, making China Telecom Americas better able to provide leading IP-enabled applications and processes to our growing customer base in the Americas.

China Telecom Americas offers multiple Global Internet Service options including paid-peering, China Access, transit/transport and Dedicated Internet Access.

About China Telecom Americas

China Telecom Americas, a wholly-owned US-based subsidiary of China Telecom Corp. Ltd. (NYSE: CHA), is an international telecom provider for data, IP and voice wholesale services to multinational companies, organizations and international carriers requiring China domestic services and international access to China & throughout Asia-Pacific.

With headquarters in Herndon, Virginia and offices in Chicago, Los Angeles, New York, San Jose and subsidiaries in Toronto and São Paulo, China Telecom Americas continues to expand its strength and reach to serve our growing customer base with locally-based, one-stop-shop, turn-key solutions for everything from China domestic and international data circuits to IDC services, network management, equipment management, system integration and more.

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Overview

China Telecom is one of only a handful of elite carriers who have built entirely new IP networks in order to satisfy the complexities of globally distributed, Internet-based, mission-critical applications. With the launch of our next generation carrier network, CN2 (AS4809) customers can connect to ChinaNet (AS4134) the largest internet network in the world through multiple service options and access speeds to meet the demands of your business. Through our Global Internet Access (GIA) service, your company receives a dedicated path with the lowest latency routes on CN2, ensuring premium quality access to millions of Internet subscribers and the world's most extensive Chinese Internet Information Centers from countries outside China.

Network Benefits & Features

ChinaNet (AS4134) - the largest broadband market in the world.

- Owns 70% of all Chinese internet resources and maintains over 50% share of the Chinese broadband subscriber market.
- Multiple access options (IP, private line, ATM and Frame Relay).
- Multiple access speeds (DS-1, OC-3, OC-12, OC-48, all Ethernet & Gigabyte Ethernet)
- Private and public peering with global peering via partnerships with over 100 carriers.
- SLA backed service availability of 99.9%, less than 3% packet loss and round trip latency of less than 180ms between the U.S. and China.
- Multiple 24x7 Network Operations Centers (NOCs) offering bilingual service located in both China and the US.

CN2 (AS4809) - China Telecom's next generation global carrier network.

- Completely new IPv6-capable backbone built on Cisco and Juniper technology utilizing new softswitches, DiffServ and MPLS.
- Converged services offering communications from anywhere to any device (combined voice, data and video services)
- Multiple service options (MLPS / IP VPN, DIA, NGN Trunk, 3G Trunk, private leased line, etc.)
- Multiple access speeds (T1/E1, DS3, OC-3, FE, and GigE in North America).
- High-speed transit with ultra low latency (from Asia to America <230 ms and from Asia to Europe <260 ms).
- Network coverage includes 19 nodes in major overseas cities, Dual-POPs in 161 cities and Dual-PEs installed in 148 Single-POP cities.
- Network security ensured with AS-SET updates, DNS Registry and Anti-DDoS services.
- SLA backed Quality of Service (QoS) and five Classes of Service (CoS) enable prioritization of traffic for maximum performance and virtual routing.
- Multiple 24x7 Network Operations Centers (NOCs) offering bilingual service located in both China and the US.

China Telecom's Global IP Network

China Telecom has ownership in over 40 land and sea cables, over 40 POPs around the world and over 300 backbone nodes in China with an operating capacity of 4000Gbps. We also leverage partnerships with over 100 top-tier upstream carriers to extend connectivity across 72 countries.

EMEA
- London
- Frankfurt
- Paris
- Moscow
- Stockholm
- Istanbul
- Milan
- Dubai
- Johannesburg
- Nairobi

APAC
- Beijing
- Shanghai
- Guangzhou
- Hong kong
- Urumqi
- Tokyo
- Seoul
- Singapore
- Ho Noi
- Ho Chi Minh
- Bangkok
- Jakarta
- Tangerang
- Kuala Lumpur
- Sydney
- Perth
- New Delhi
- Mumbai

AMER
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