



China Direct™ | CN2

YOUR CONNECTION TO ASIA STARTS HERE

Next Generation Carrying Network CN2

Today, to stay competitive your organization must seize opportunities for growing its capabilities, including advanced communication services and network access. That is why China Telecom has built the Next Generation Carrying Network CN2. Based on Cisco and Juniper backbone technology, CN2 offers multiple classes of service for both voice and data to ensure carrier-grade service.

This flexible and reliable business class network is ideal for worldwide IPVPNs, mission-critical and information-intensive applications, including large data networking across varying access types (dedicated Internet access, network-to-network interconnection and international gateway services). The network provides a unified IP/MPLS platform for 3G and Next Generation Network (NGN) trunks and uses a QoS strategy for guaranteed reliable transmission.

CN2 can help your company expand your business all over the world and open doors to China's 820 million telephone users and 384 million Internet users (by end of 2009).

Benefits

- **Reliable** – built around a fully redundant and meshed network backbone
- **Scalable** – multiple access speeds and services (T1, DS-3, OC-3, Fast Ethernet, and Gigabit Ethernet)
- **Manageable** – 24x7 Multiple Network Operations Centers (NOCs)
- **Dependable** – Differentiated Service (DiffServ) and Quality of Service (QoS)
- **Traceable** – real-time monitoring and reporting

Features

Multiple Services

- MPLS VPN
- Dedicated IP Access
- NGN Trunk
- 3G Trunk
- Interconnection to ChinaNet
- International Connectivity

Managed Network

- QoS Management – 5 Classes of Service (CoS)
- VPN Service Management
- Customer Information Distribution

Secure Network

- Network Infrastructure Security
 - Network Security Boundary Protection
 - Equipment Level Protection
 - Configuration Operation Security Protection
- Router Security
- Bandwidth Resource Security



China Telecom Americas' IP network services are backed by industry-leading Service Level Agreements (SLAs) and are competitively priced, ensuring superior performance, solid reliability and excellent value. Our high capacity, fully-managed network lets you easily upgrade bandwidth requirements to quickly and cost-effectively increase performance as your business grows.



China Telecom
CHINANET/CN2
Global PoPs

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CN2's Points of Presence (PoPs) are located in Beijing, Frankfurt, Guangzhou, Hong Kong, London, Seoul, Shanghai, Singapore and Tokyo, and Los Angeles, New York, San Jose, Seattle, Miami, Toronto, Vietnam, Stockholm, Dubai and Washington, DC. Connecting with China Telecom's CHINANET (the second largest IP network in the world), CN2 reaches more subscribers in Asia than any other network, and provides direct connections to all major global ISPs, enabling superior global reach.