



China**Direct**<sup>TM</sup> Wholesale Voice

*YOUR CONNECTION TO ASIA STARTS HERE*

## International Voice Termination Service from China Telecom Americas

With all the innovation in telecommunications over the past decades, voice networks have become more sophisticated, interconnecting with both fixed and mobile operators, service providers and carriers operating in different regions of the world. Demand for high-quality, secure voice and fax services remains strong. China Telecom Americas and its parent company, China Telecom, understand that quality international termination is required by today's demanding consumer and business customer. CT Americas' wholesale voice service, called International Voice Termination, enables you to meet your customers' needs for cost-effective, seamless quality calls.

## Service

### Service Specifications

Our international switching solution enables the wholesale voice network to interconnect seamlessly with existing PSTN networks as well as VoIP networks by supporting rich signaling protocols including SS7. Quality of Service technologies permit high quality voice to be carried over a packet network.

- **Interconnect Specifications**

Switching points for voice services are currently located in Los Angeles and New York. Virtual PoPs are also available at many other locations.

- **Physical Interface**

China Telecom Americas' technical voice platform is based on Lucent and Cisco technology. Interconnection to the China Telecom network is based on 1.5Mbit/s system.

- **Signaling**

China Telecom Americas supports the following services: Speech, 3.1 kHz audio, 64 kbit/s (C7, SS7, ISDN).

- **Transmission**

China Telecom Americas uses optical cable system.



### Variety of Services

China Telecom Americas offers a variety of services to help you meet your clients' needs. We offer International 800 Toll Free Service (ITFS 800) originating in China and other Asian countries as well as A - Z Termination and DID service. China Telecom Americas has two types of Termination Connection at two separate locations:

- TDM Connections in Los Angeles (One Wilshire Building MMR Cage-43) and New York (60 Hudson First Floor, Cage-5)
- VoIP Connections (SIP and H323)

### Premium-Quality, Competitive Wholesale Voice

China Telecom Americas' Wholesale Voice Service provides Tier 1 Carriers, Calling Card Providers and Long Distance Carriers, with premium-quality routes at rates that allow you to compete in the challenging voice arena, with the high quality you expect from China Telecom. Voice Termination is provided in more than 200 countries, including the United States, Mexico, the United Kingdom, as well as the Asia-Pacific Region. The service employs reliable technology, expert monitoring and billing options that make the service powerful and flexible for all types of clients.

### China Telecom's Own Network

China Telecom Americas' Wholesale Voice service is based on China Telecom's wholly-owned capacity network. This meshed network has built-in redundancy and offers superior reach and quality throughout Asia and the Americas. The network is built on Lucent and Cisco switches and gateways.

Our team manages the network on every level, which allows us to control costs without compromising quality. 24 x 7 proactive facilities management, switch partitioning, collocation and monitoring of our customer's services is performed by our own team equipped with state-of-the-art technology. International termination is provided worldwide via our own direct routes and by direct connectivity with leading international PTTs. We are continuously pioneering new technologies and service improvements and continually upgrade the infrastructure.

### China Telecom's Corporate Strength

China Telecom is the leading integrated communications company in China, and a global provider of communications services to consumers and businesses worldwide. Our history in the voice market is long and successful. As you choose a partner for wholesale voice services, we understand how important corporate strength is. China Telecom Americas and its parent have the know-how to manage international voice routing that will enhance your customer's experience as well as the financial strength you need. Our relationships with other PTTs are strong, so our interconnect agreements are sound. China Telecom Americas can offer termination to virtually any destination in Asia, so you can avoid having to negotiate termination agreements with individual operators in each country. China Telecom Americas is your single point of contact, so you can concentrate on helping your customers grow with you.

