



China Telecom Global SIP Trunk

Introduction

*-- Geographic and Special Numbering
around the world through a SIP Trunk
global connection*

EXPLORING
SUCCESS
TOGETHER





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Who Are We?



China Telecom Americas Corporation (CTA)

- China Telecom (Americas) Corporation (CTA) provides customized, cost-effective and integrated network and communication solutions to its diverse base of customers. As a leading facility-resale carrier with unique access to providers in Asia and the Americas, we offer a wide range of services such as direct internet access, internet transit, data services, data center, ICT services, mobile voice, professional services and industry solutions.
 - CTA is headquartered in Herndon, Virginia, with offices in Chicago, Dallas, Los Angeles, New York, Panama City, San Jose, Sao Paulo and Toronto. Enterprises throughout the Americas trust CTA's one-stop, turnkey solutions to meet the challenges of today's complex business environment.
- | | | |
|---|--|--|
| — Established in 2001 | — 2 Network Operations Centers in LA & HK | — 100+ Customers in the Fortune 500 |
| — Headquartered in Herndon, VA | — 22 Points of Presence (PoPs) in North America | — 100+ Carrier Partnerships |
| — 250+ Employees in US, Canada & LATAM | — 12 Points of Presence (PoPs) in South America | — 21 Channel Master Partnerships |
| — 7 Regional Sales & Support Offices | | |



Our Solutions

Service Description



SERVICE OVERVIEW



Simple

Our Global SIP Trunk service put at your fingertips DIDs and Special Numbers all around the world through a single SIP Trunk global connection.



Flexible

It provides your company the reliable accessing infrastructure to the new wide set of functionalities VoIP offers in a global and nimble way so that you get the most of it.



Global Coverage

DIDs and ITFS available over 100 countries for Incoming calls and a continuously growing coverage for Full PSTN Replacement (Incoming and Out coming calls), based on partnership with most global tier 1 carriers and local operators, and a large number of interconnections all around the world.

*Local restrictions may apply

Our Solutions



Service Description

SERVICE FEATURES



Global single
point of contact



Inbound and outbound calls
(Full PSTN replacement)



Full regulation compliance
(Lawful Interception, emergency
calls and portability*)



Global
service desk



Several access modes:
VPN MPLS, public IP or IPsec

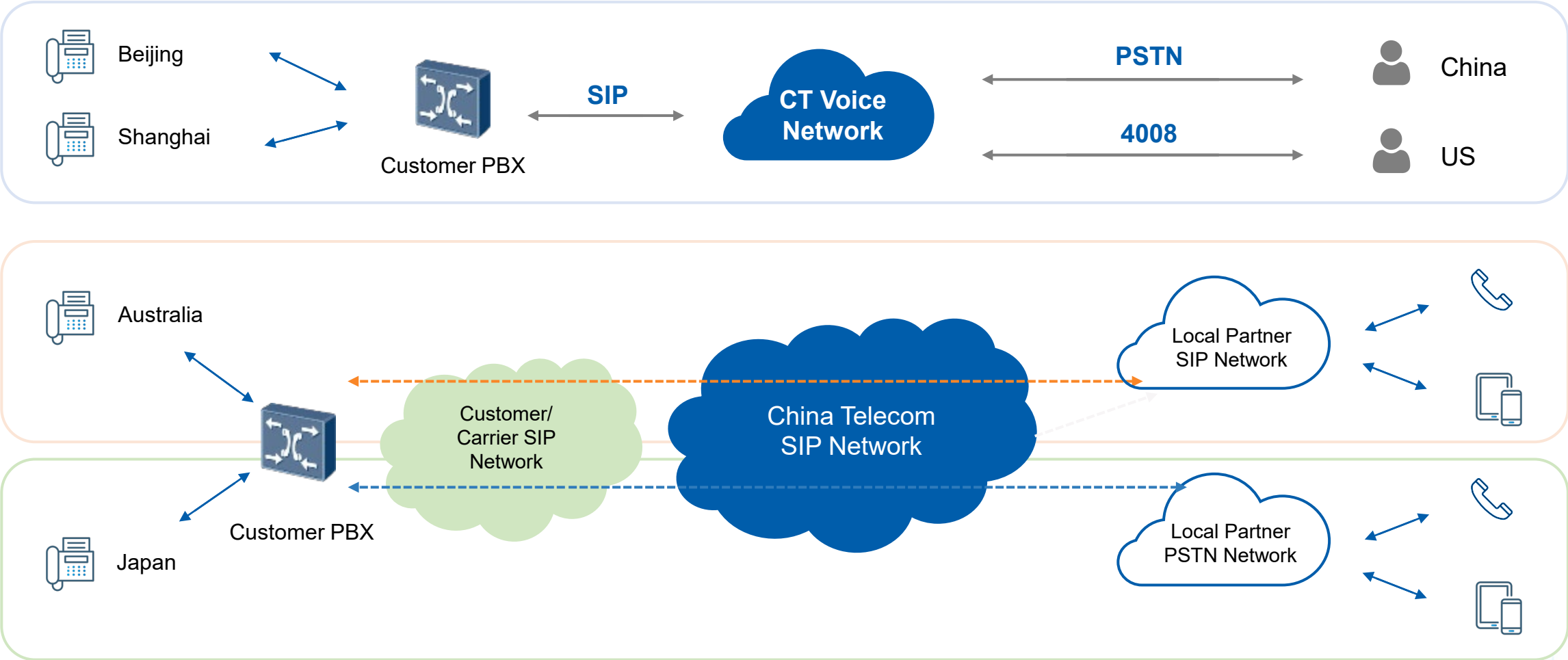


Local and
geographical redundancy



Our Solutions

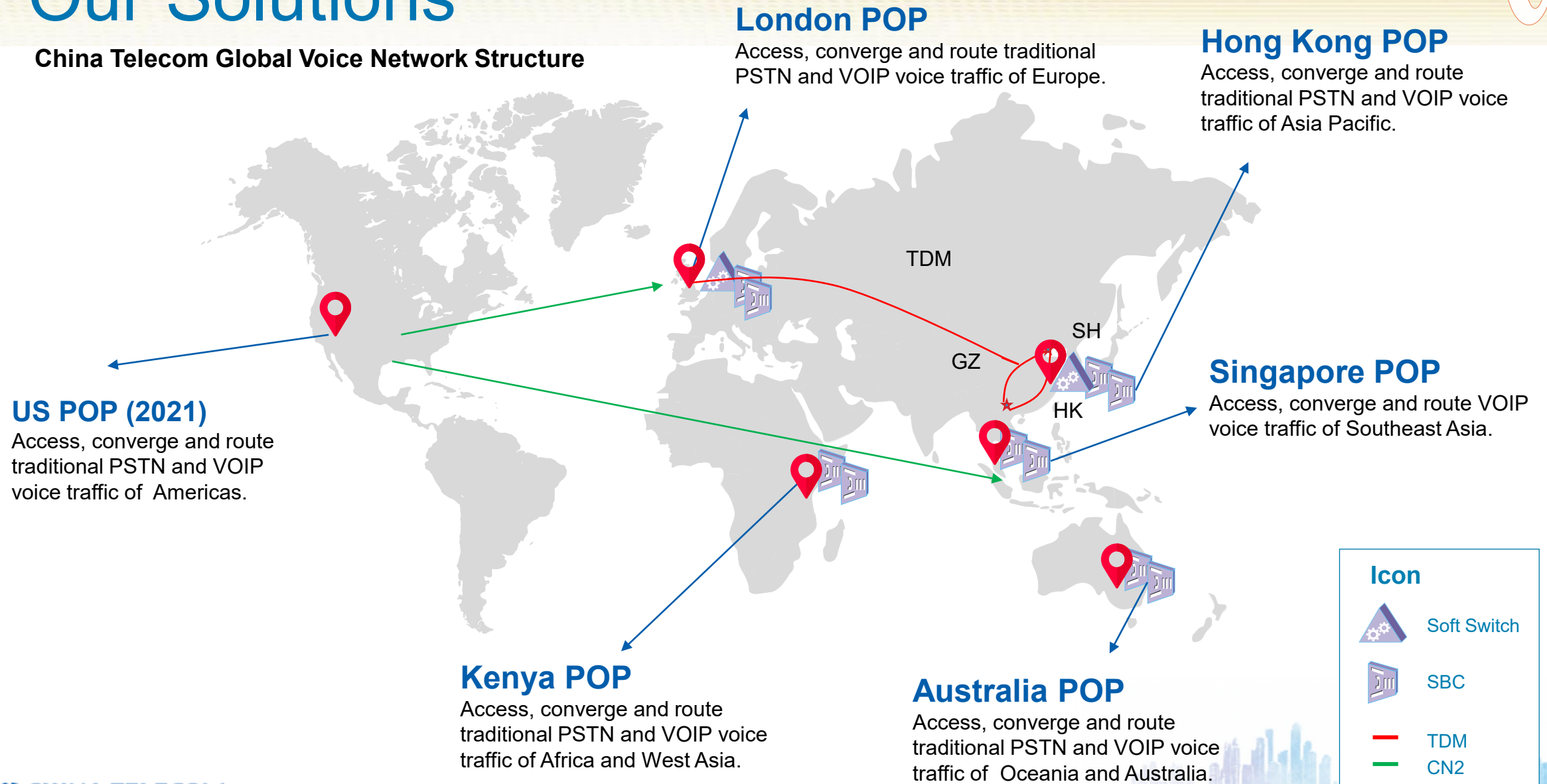
Service Architecture





Our Solutions

China Telecom Global Voice Network Structure

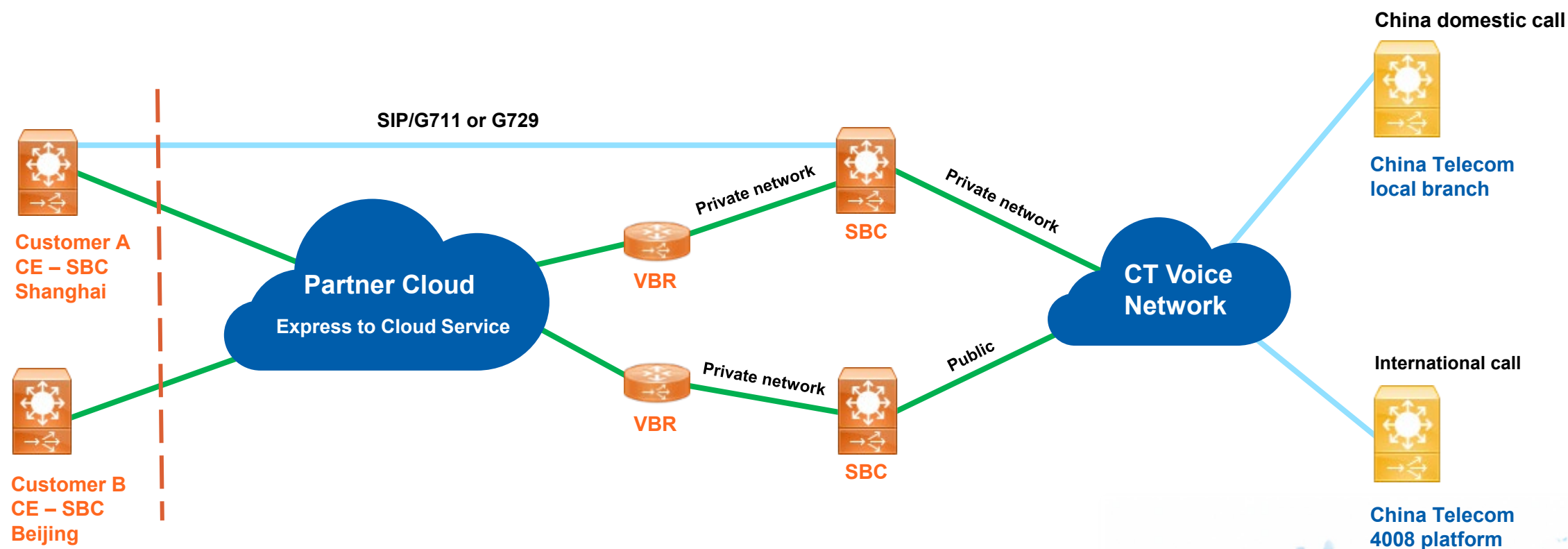


Our Solution

China SIP trunk and local PSTN numbers

Solution 1: Dedicated interconnection.

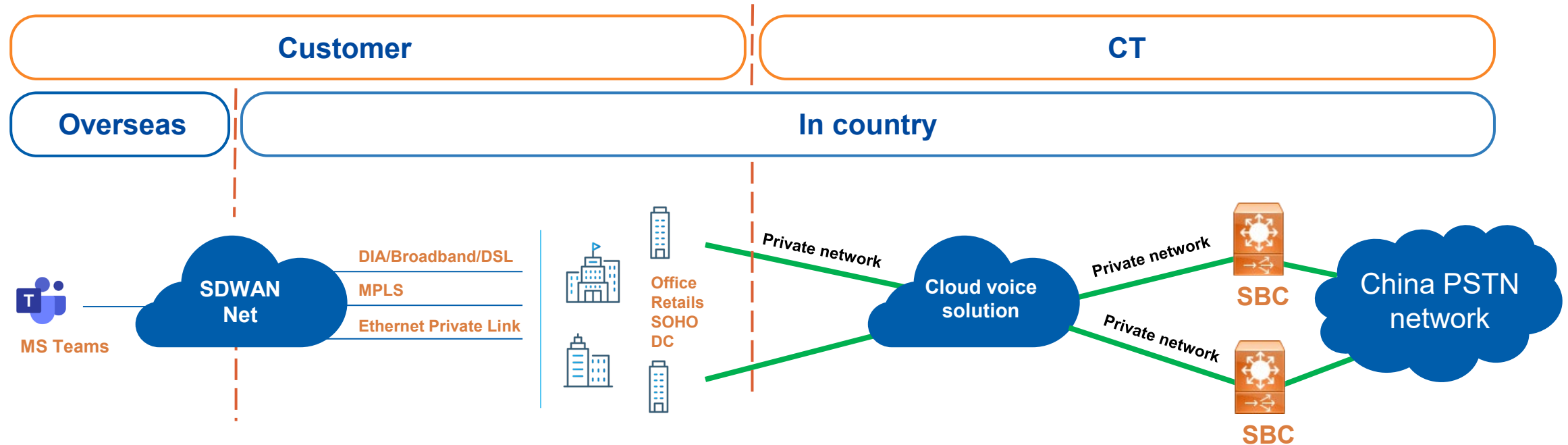
Solution 2: Internet connection via SIP.





Our Solution

Integration with Microsoft Teams



China Solution offered:

- China PSTN numbers
- Domestic IPsec VPN
- Cloud Voice Solution/SIP Trunk
- ICT solution:
 - **DC Colocation**
 - **UCaaS – MS Teams**
 - **SD-WAN Solution**
 - **DIA**

Global solution offered:

MS Teams solution

- Office 365 licenses
- Teams Account

When MS team solution does not cover

- Global PSTN numbers
- PBX or Hosted PBX Solutions
- Cloud Voice Solution/SIP Trunk
- Integration with MS Teams



Value Proposition

Key Benefits

Enjoy VoIP benefits at a global scale



Cost Saving



Scalability, easily upgrade and down grade



Access to unified communications



Global single point of contact for interconnection, contracting, ordering, billing, management and troubleshooting.



Inbound DID availability



Full Regulation Compliant
Outbound DID (Legal Interception /
Emergency Call / Portability*)

Value Proposition



Typical Applications

Telephony Services and non-telephony services based on

PURE INBOUND DID:



Call Meeting



Conference Calling



Local DIDs at your customers countries

PSTN REPLACEMENT:



Corporate Telephony



Softphone/
UCC OTTs



Cloud communication Platform

SPECIAL NUMBER:



Contact Center



Customer Care



Global Help Desk



Billing Concepts

There are **three general billing** concepts, that are adapted to the customer application scenario.

Voice Channels

Trunk Set up One Charge and Monthly Charge for concurrent voice calls channels service management

Numbering

Numbering Set up One Charge and DDI Monthly Charge

Traffic

Off net calls set up and a rate per minute (depending on origin and destination) and the type of traffic (inbound, outbound, special numbers)

Billing Concept	Detail	Description	Type	Example
Trunk	Set up	Set up for Trunk	One Charge	xx\$
	Channels	Numbers of concurrent call	Monthly Charge	X\$/channel/month
DDIs	Set up	DDI set up	One Charge	x\$/DDI
	DDIs	DDI monthly charge	Monthly Charge	x\$/DDI/month
Voice Traffic	Call set up		By call	0.0x \$/call
	Inbound Traffic \$/minute		By minute	0.00x S/min
	Out bound Traffic \$/minute		By minute	0.0x \$/min
Extra Services	Block incoming calls			
	Potability	If available	By DDI	
Non Geo Number	ITFS (Toll Free)	Incoming Traffic		0.x \$/min
		Prices for fixed or mobile lines		0.0x \$/min





Why China Telecom

Your global VOIP Partner



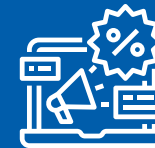
Global Coverage network

Direct access routes to over 100 countries.



Daily traffic quality monitoring

Ensure the quality of voice
CLI, NER, ASR



Exclusive offers from direct Partners

We will offer you premium quality-routing at competitive rates



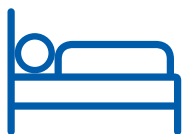
Excellent customer experiences

Flexible billing, creative solutions, 7x24 customer services and quick response to trouble tickets



Customer Case

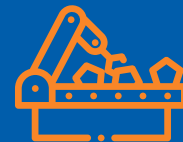
High quality, Reliable, Flexible and Creative



Travel Agency (accommodation)

A global accommodation agency for tourists. We provide them China customer services SIP platform together with 5 toll free numbers and local DID.

Keywords: Traffic balance, scheduled time slot solutions for overseas seats.



Manufacturing Company

A global manufacturing company. We provide them China SIP solutions with 2,500 DDI numbers in 15 Chinese cities.

Keywords: One stop shopping, MS teams integration

Takeaways



DIDs and Special Numbers

Over 100 countries for Incoming calls and a Full PSTN Replacement (Incoming and Outcoming calls) coverage continuously growing.



Full regulation compliance

High-Quality DIDs complying emergency call routing, lawful interception, and local number portability where it's defined by regulation.



Single Global Connection

Single SIP Trunk global connection accessing to a Reliable, High Performance network, with a POP distribution ensuring local and geographical redundancy.



Billing

Both centralized or local billing options to better fit customer needs.

Thank You.



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