

TRANSFORM YOUR VOICE

GLOBAL CROSSING CONVERGENCE EVOLUTION LEADER

IP technology is the basis for new, powerful voice applications that will drive a company's strategic evolution towards a truly converged strategy. A strategy that will result in much more than direct cost savings such as productivity improvements, ubiquitous availability and speed at which new applications can be implemented within the corporate network. The path towards convergence will vary greatly by company, which makes choosing the right technology partner more important than ever. You need a partner that understands the challenges associated with transitioning to a converged solution and that can provide the leadership, expertise and depth of product knowledge to ensure your success. Finally, you need a partner that will work with you to create a custom tailored migration path. That's why companies partner with Global Crossing. Global Crossing is an industry leader in IP technology. We were the first provider to deploy an MPLS-based IP Network. The first provider to decommission a TDM switch. And, the number one National VoIP Transport Provider.*

GLOBAL CROSSING CARRIER VOIP SERVICES™

Global Crossing's VoIP Service for carriers provides wholesale IP interconnection, transport and call completion of 1+, IDDD and 800 packet-based voice traffic, as well as local origination of traffic via DIDs, over Global Crossing's integrated IP and TDM platforms. In addition to providing carrier-class IP voice termination worldwide, Global Crossing VoIP Service customers can combine Global Crossing's state-of-the-art VoIP Service with Global Crossing's premier IP VPN service for on-net calling between 600 cities in 60 countries across 6 continents, providing customers the capability to offer a fully integrated voice and data solution. Global Crossing's VoIP Service features multiple transport methods including Global Crossing IP VPN, Global Crossing IP Transit, and the public Internet, while also offering CODEC flexibility.

GLOBAL CROSSING CARRIER VOIP SERVICES™ PORTFOLIO

The following offers may be provisioned over the same network, minimizing administration and network management, while providing a converged IP solution:

- > **Global Crossing VoIP Outbound™:** Interconnect with Global Crossing via IP for transport and call completion of packet-based voice traffic to over 240 countries worldwide for off-net TDM completion. VoIP Outbound service is available for customer interconnections in various regions of the world. Countries currently served include:
 - > **Global Crossing VoIP Local Service™:** Provides local originations, for DID (direct inward dial) and DDI (direct dial inward) numbers, which are then routed to customer locations through our VoIP network and passed to our customers via a SIP based IP or standard TDM signaling interconnection. DIDs can be obtained from Global Crossing or can be LNP'd from an existing carrier. Global Crossing offers Emergency Calling Services in the United States, (E911), and the United Kingdom, (999/112) that are fully compliant with all in country regulations. Global Crossing supports the delivery of Calling Party Name, CNAM, with any inbound DID call. This feature will provide calling name on inbound calls to customer locations within the United States who have the ability to see name displayed on their phone equipment. Customers can choose the ANI's that they want to enable this feature on.

Service Availability

Asia

Australia ■
 Hong Kong ■■
 Singapore ■

Europe

Austria ■■	Italy* ■■
Belgium ■■	Netherlands* ■■
Czech Republic ■	Norway* ■■
Denmark* ■■	Poland ■
Finland* ■■	Portugal ■■
France* ■■	Slovakia ■
Germany* ■■	Spain ■■
Greece ■	Sweden* ■■
Hungary ■	Switzerland* ■■
Ireland ■■	United Kingdom* ■■

Latin America

Argentina ■
 Brazil ■
 Chile ■

Note: Arrangements for DID/DDI services can be supported on a different VoIP platform in Argentina, Brazil, and Peru via Global Crossing LATAM subsidiary.

North America

Canada* ■■
 Mexico* ■■
 United States of America* ■■

■ VoIP Outbound ■ VoIP Local Service ■ VoIP Toll-Free

* National dialing available standard. *International call completions only.

- > **Global Crossing VoIP Toll Free Transport™:**
Calls originate over the Global Crossing network and are converted to IP for transport across Global Crossing's private VoIP platform for IP completion to the reseller's switch. The reseller translates the dialed toll free number to the destination phone number. Only available in North America.
- > **Global Crossing Carrier VoIP Enterprise Connect™:**
Enables you to expand your network reach in North America by having Global Crossing install both VoIP Outbound and VoIP Toll free Service directly to the enterprise end user, and provide you all billing and call detail records to integrate into the total network solution.

These services are designed to benefit NextGen Carriers, ESPs, ISPs, ASPs, CLECs, ILECs, RBOCs, Traditional IXCs and Pre-paid Calling Card Providers.

FEATURES & BENEFITS

- > Save by leveraging your VoIP network investment
 - Port and operational savings (no TDM ports required for traffic hand-off)
 - No need to purchase incremental VoIP to TDM conversion gear
 - Extended reach for domestic and international voice termination
- > Benefit from the ability to provide end-to-end IP connectivity to their end-users via **Global Crossing VoIP Community Peering.**
 - Remove "Islands of IP" for advanced IP applications
 - Eliminate usage based usage charges for calls to Global Crossing VoIP Local Service DID's
- > Assist your customers with their migration to converged IP service applications by integrating **Global Crossing VoIP Ready Access Services** to your solution set.
 - Utilize the same private IP access to Global Crossing's reservationless, on-demand, audio conferencing service.
 - Provide cost effective audio conferencing solutions that can accommodate your end users requirement for efficient multi-person communication tools.
- > Early market entry with VoIP product utilizing a private network
 - Leverage our carrier-class technology to deliver products and services to your end customer
 - Not "best effort" voice as many entrants have been
- > Equipment compatibility validated through pre qualification process prior to order submission
 - Reduces unnecessary access charges
 - Minimizes potential for revenue delay at point of turn-up
 - Ensures consistent revenue stream, reducing the possibility for any future service interruptions

- > Product architecture provides security, quality and scalability
 - Private IP backbone
 - Session Border Controller (firewall)
 - Toll quality
 - Expanding network connection points
- > Reduced latency
 - No end-user conversion from VoIP to TDM
 - Packet prioritization
 - Same quality as traditional TDM service
- > Termination of all voice traffic, TDM or VoIP, through a single provider
 - One contract and service center covers all voice, data and transport services
- > Experienced resources and technical support
 - Over 7 years of VoIP deployment expertise

NON-STOP, WORLDWIDE SUPPORT

Global Crossing's Network Operations Centers (NOCs) monitor and manage the Global Crossing network and switching systems 24/7, providing real-time problem diagnosis and resolution. Our multi-lingual Customer Care Centers deliver convenient, one-contact resolution for any network service issue. Add to this a single service provider with intimate knowledge of the carrier industry, and a dedicated account team and you'll realize that Global Crossing provides more than a high-quality network. We also provide consistent, high-quality global service.

GLOBAL CROSSING VOIP NETWORK

Global Crossing has built one of the worlds most extensive integrated voice networks, representing a key step in our ongoing commitment to deliver new and innovative services. By providing a dedicated connection and transporting calls across our secure, private backbone, voice traffic receives maximum protection. In fact, VoIP packets receive the highest priority on our IP backbone, which translates into reliable, carrier-quality service with minimized latency, packet loss and jitter as well as call quality that is even and predictable.

