

SIP Trunking

Grow your SIP services with seamless end-to-end SIP Trunking services

Overview

Epsilon's SIP Trunking gives you efficiency, scalability and the connectivity you need to expand into new markets. Through our SIP Trunk, you have on-demand access to local and regional Service Providers to serve increasing demand for SIP from your customers as a PSTN replacement service.

With a single contract from Epsilon, you can provide trusted SIP services globally. When you choose Epsilon, you can rely on us to manage all the technical and commercial relationships so you don't have to.

We provide you with seamless global SIP interconnections that build the foundation for your growth into new markets.

Features

- Centralised & Mediated Billing Information
- Local Call Handling
- Global End-to-end Service Level Agreements
- Single Relationship with Epsilon
- Fast Track Access to SIP Trunk Providers
- A Hub & Spoke Service Connection Architecture
- Supports Multiple Service Layers

Benefits



Expand Customer Reach

Our existing global footprint and access to SIP Trunk enable you to expand your reach and grow in new markets



Deliver Greater Efficiency

We make it simple and easy for you to leverage on-demand access to local and regional Service Providers to efficiently deploy services outside your local market



Infyn by Epsilon, our on-demand connectivity platform, gives you direct access to manage voice services using our SIP Trunking services anywhere, anytime. It enables you to provide new service globally and adapt to changing demands.

- Service available with pricing to order for delivery within seconds
- On-demand visibility of number inventory
- API available to support integration with your services and management tools



Capture New Revenue

Our existing infrastructure is ready to serve your business needs. We enable you to capture new revenue streams and quickly go-to-market with our SIP services



Seamless Quality and Experience

Our Intelligent Networking technology guarantees maximum country-to-country QoS and QoE to give you seamless SIP interconnections



Accelerate Business Growth

We enable you to find new partners around the globe and roll out international networks



A Competitive Edge

We give you all the tools you need to compete for larger global contracts outside your geographical reach

Why Choose Us?

Extensive International Network

We have global relationships with carriers and Service Providers in over 150 countries

A Flexible Approach

Our 'pay-as-you-go' model gives you the flexibility to grow at your own pace and scale up or down services to meet new demands

Single & Reliable Partner

Through a single relationship with us, you can quickly and efficiently deploy SIP services and reduce the time and resources you need to enter new markets around the globe

An OPEX-driven Model

We enable you to connect globally and rapidly add new SIP services with little or no CAPEX investment

Deliver Complete Solutions

We enable you to combine data centre infrastructure, global connectivity and Voice services to meet the needs of your customers

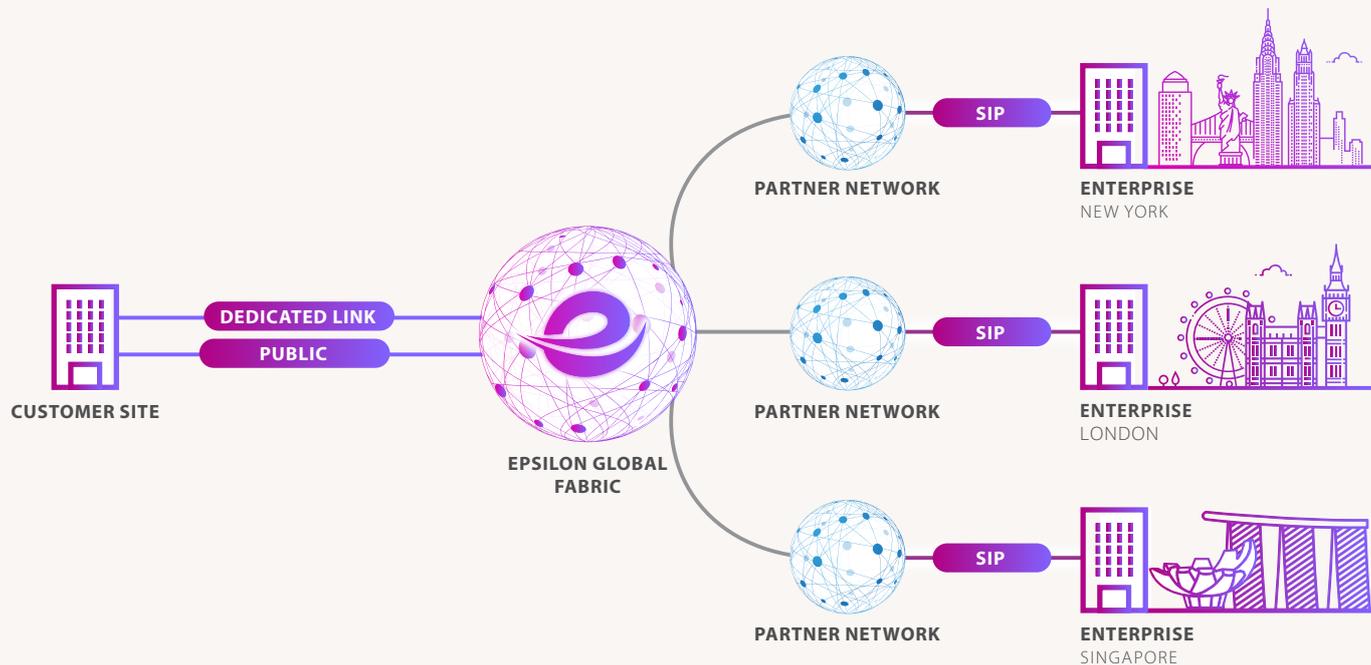
An Expert Partner

We can help you expand globally and enter new markets by leveraging over a decade of experience in networking

“SIP trunking enables us to connect together local and regional Service Providers from all around the world to provide a seamless service experience enabling our customers to address new ways of working and capture new and sustainable revenue streams. As the global market and adoption of SIP grows, we are there to provide the agile and scalable connectivity it needs, every step of the way.”



Alison White
Head of Voice Business
Epsilon



Technical Specifications

SIP Features	<ul style="list-style-type: none"> • Interconnect B2B User Agent Call Model (NAT, Topology Hiding, Security) • RFC 3264 SIP Offer/Answer • RFC 3261 SIP Messages and Header • Support (Interconnect Feature set) • Call Admission Control (call rate, call limit, BW) at system and customer level • Codec Negotiation • Media Control (Relay, By-pass) • PRACK, Forking, Session Refresh Procedure Support • SIP OPTIONS Ping • Reason Header Support (Release cause) • FQDN Resolution for Remote IP Peer (Local) • Load Balancing and CAC policies across customer remote endpoints • Lawful intercept • Inbound • Outbound
Media & Security Handling	<ul style="list-style-type: none"> • RTP/RTCP Media Relay • Media NAT (address and port translation, topology hiding) • DoS/DDOS attack blocking at H/W • Access Control List • Media BW CAC at Customer, System, Port Level • Multiple IP Address Support

Billing Module	<ul style="list-style-type: none"> • SDRs (Session Detailed Records) • Mediation • Billing and Rating • Invoicing
Customer Service Portal	<ul style="list-style-type: none"> • Maintenance Operations • Role Based Access Control for shared access/partitioning • Graphical User Interface for Configuration • Dashboard View • Customer level reporting

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