



ProCloud>SIP Trunking Overview

TAKE YOUR BUSINESS
COMMUNICATIONS TO THE CLOUD
WITH PROTELESIS

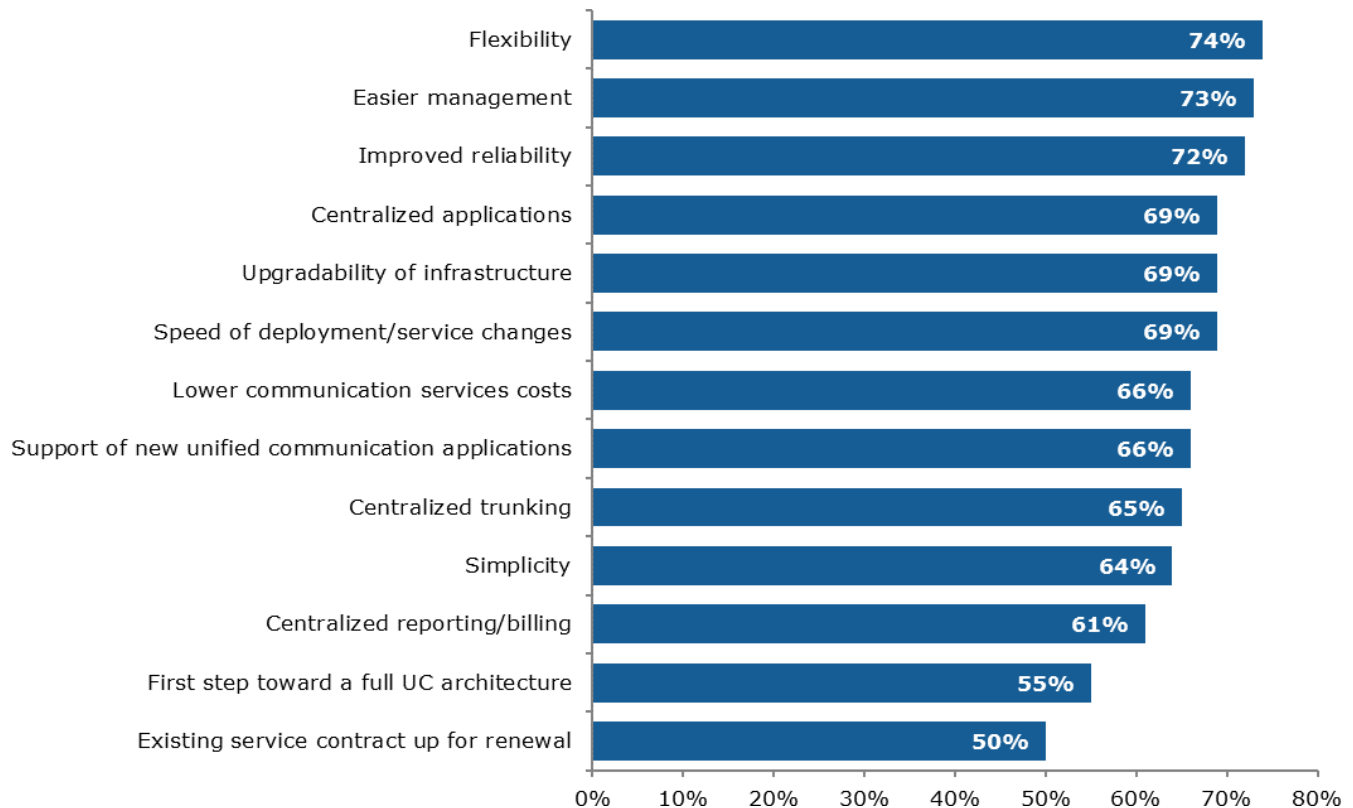


What is SIP

SIP Trunking refers to the use of VoIP to connect your premise-based phone system to the Internet. A broadband or Internet connection replaces traditional, plain-old-telephone (POTs) or Primary Rate Interface (PRI) lines, allowing your organization to communicate more efficiently with better scalability. SIP Trunking may be utilized with virtually any PBX system, including modern IP based phone systems or older styled analog systems. The older systems may require an integrated access device (IAD) to bridge the SIP connection to your PBX. Either way, SIP Trunking will bridge your company to the modern communications cloud, helping connect all office and mobile users together.

Why Should You Use SIP Trunking?

Here are the key reasons why enterprises end up choosing SIP Trunking over competing legacy and cloud based solutions:



ProCloud>SIP Trunking

As a successful business, you're constantly searching for the next big thing. Whether you're a small business looking for the flexibility and cost savings of VoIP, or a mid-sized company looking for business continuity and flexible calling plan options, we'll help you save up to 40% over your traditional telephone services.

Session Initiation Protocol (SIP) is becoming the common signaling standard for your real-time communications that utilize VoIP (Voiceover Internet Protocol). SIP enables you to seamlessly connect with your existing premise-based phone systems using our carrier class voice network.

We'll provide you with as many SIP Trunk groups as you need, with an unlimited number of pre-paid or metered call paths.

ProCloud> SIP Trunking Benefits

CONTROL:

As a customer, you'll be able to make changes to the platform as you need them, including scalability, API integration, an intuitive UI, and our future-proofed platform.

ADVANCED CALL ROUTING:

Enables customers with advanced routing capabilities including call forwarding, and call status (away, busy, unreachable, etc.).

MULTI-OFFICE TRUNKING AND BUSINESS CONTINUITY:

Aggregate your SIP Trunks to improve business continuity between offices and leverage the savings that comes with pooling and centralizing your communication needs at the enterprise level. We'll even provide you with improved disaster recovery options so you can sleep soundly in the event of a shutdown or natural disaster.

ProCloud>SIP Trunking vs Traditional PRI

TRADITIONAL PRI CIRCUITS

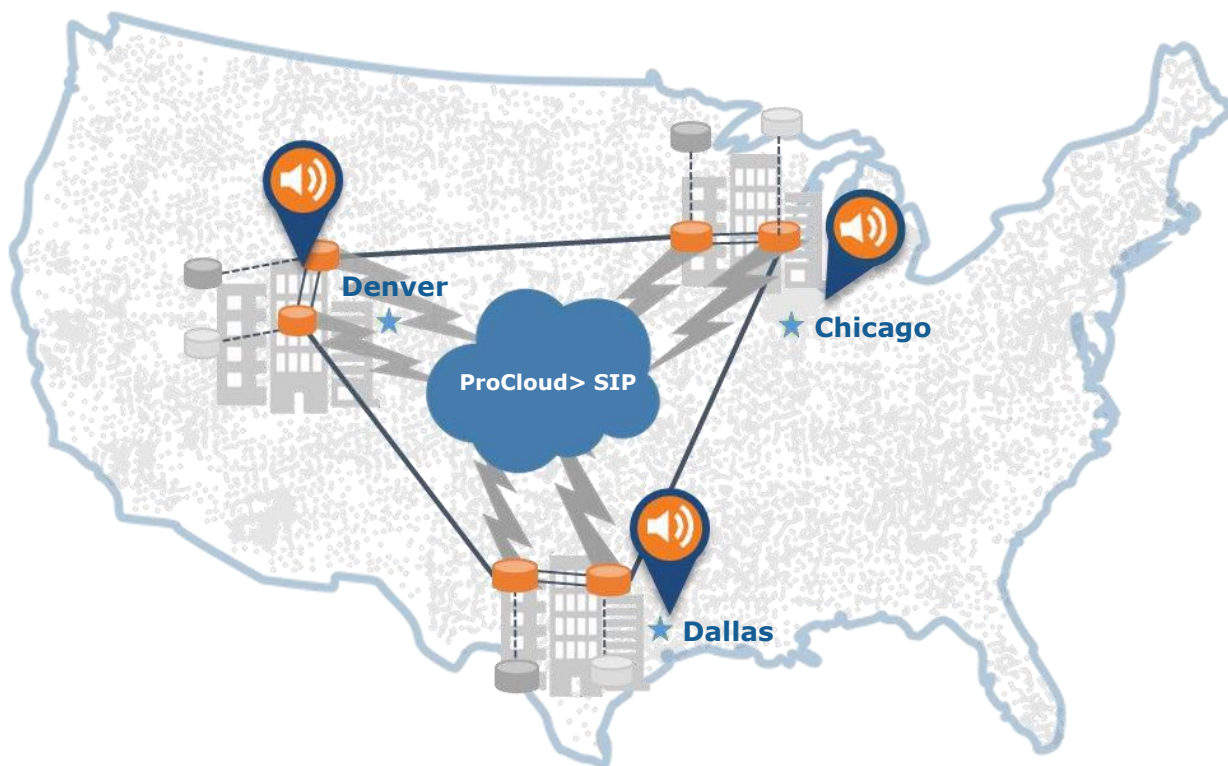
- Expensive Separate Facilities
- Voice Only
- Fees galore
- Rigid 23 channels, not scalable
- DIDs tied to Rate Centers
- Centralized Solution adverse
- No Flexibility - Bus Continuity of DR
- Delivery 4-8 weeks

SIP TRUNKING VALUES

- Convergence - Voice & IP same circuit
- Efficient use of Bandwidth
- Scalable - burst by channel
- DIDs virtual, point to an IP address
- 96% Coverage for U.S.
- Powers Centralized UC
- Typical 30-40% Savings
- T.38 Fax
- Industry leading security & encryption
- Metered Service
- Bundles with unlimited usage
- Flexible DR & Business Continuity
- Redundant trunking with geographic diversity
- SPEED TO INSTALL - MSA to TG 10 bus Days

ProCloud> SIP Trunking Infrastructure

- Accessible Over-the-Top via public internet
- Direct/private reachability to over 15 million US commercial addresses through NNI network
- Highly available switching facilities located in Denver, Dallas & Chicago, with:
 - 10Gbps dedicated waves
 - Redundant core routers
 - Diverse, fully-meshed backbone with 7-13 milliseconds latency between switching facilities
 - Diverse 10Gbps Internet connections
 - Diverse NNI providers



Key



Voice Aggregation Data Centers



ProCloud> SIP Router



NNI Provider 1 Router



Circuit NNI Provider 2 Router



ProCloud> SIP NNI Footprint



ProCloud> SIP Switching Facility

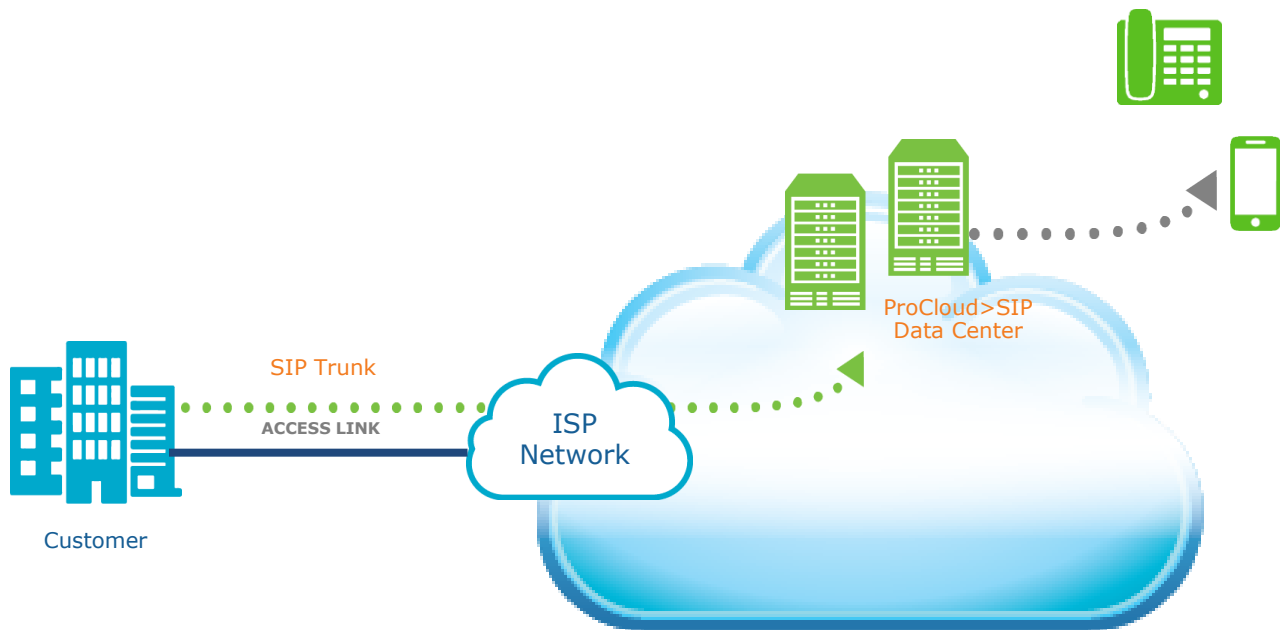
10Gbps Internet Circuit

10Gbps Backbone

10Gbps NNI Circuit

ProCloud> SIP Trunking Infrastructure

If your site is unreachable by ProCloud>SIP Infrastructure, pre-determined routing can send calls from DIDs and toll-free numbers to PSTN numbers or mobile phones.



Add Layers of Failover with Multiple Media Gateway/ SBCs, Access Links and/or Multiple ISPs.

