

SIP Trunk

Looking for a reliable SIP solution? Answer the call with FirstLight

We've all experienced dropped calls and video lag. It's no wonder that for some, complacency toward jitter, packet loss, and latency sets in, as VoIP users shrug and think poor sound and video is "just the way it is with conferencing."

It doesn't have to be that way. With FirstLight's SIP Trunk solutions, enterprise and SMB organizations get digital voice and video clarity delivered over a redundant fiber backbone.

The FirstLight Difference

What makes our SIP trunks and VoIP stand out is our modern fiber optic network. FirstLight operates its own 25,000-mile low latency network with redundant pathways. FirstLight doesn't simply offer the highest possible connection speed but maintains superior peering arrangements and dedicated bandwidth. FirstLight's Internet transit is backed by a combination of Tier 1 provider connections and numerous private peering connections throughout the Northeast, which reduces hop counts and improves the overall user experience. In fact, 50% of all Internet traffic on

FirstLight's IP network is directly connected to the ultimate destination, reducing latency and improving response time.

FirstLight SIP trunking is the perfect choice for organizations that want the affordability of SIP trunks without the voice problems common with "best effort" providers.

Enjoy high definition call quality while retaining all the features traditionally offered over business lines including local and long-distance calling, Emergency 911 service and Caller ID on your SIP-ready equipment.

What is a SIP Trunk?

Session Initiation Protocol (SIP) is the standard platform for Unified Communications (UC) solutions across a network. A SIP trunk is a single point of entry for voice and video communication installed over an organization's existing Internet connection. It eliminates the need to work with a traditional phone company and reduces charges for incoming lines and associated costs. Direct Inward Dialing phone numbers are less expensive when purchased with a SIP Trunk.

SIP Trunks:

- Allow users to keep their existing phone numbers
- Work with most modern phones
- Provide the opportunity to "cut the cord" with analog lines



The FirstLight Advantage:

- **Voice quality** is ensured with SIP trunks delivered over FirstLight's fiber backbone, which offers extremely low latency, low jitter and minimal packet loss.
- With **decades of voice, Internet, and video experience**, the team at FirstLight stands ready to support customers with even the most complex SIP deployments. We've been in the VoIP and digital communications business since the technology first emerged, and we have experienced technicians who understand the complexities and nuances of VoIP for your specific needs.
- **No dropped calls, no busy signals when dialing** – FirstLight's well-engineered network design with no oversubscriptions is economical and provides reliable dedicated services for every customer.
- For organizations that want to **host their SIP server** or IP PBX in a Data Center or cloud, FirstLight can build SIP trunks directly from our core network into your equipment or your cloud deployment to provide a one-stop shop solution.
- **SIP trunks are a great alternative** for organizations that still have numerous analog lines that rack up monthly costs per line for low-tech quality that is quickly outdated.
- **FirstLight's SLAs** outline what you can expect from a leading provider of VoIP related solutions – FirstLight's Cloud Communications and redundant VoIP related services provides 99.999% availability – a commitment to quality, service, and dependability.
- **SIP Trunks are easily scalable** – adding lines or services is quick and easy.
- FirstLight's SIP channels are **built with G.711 CODEC** compression algorithms to maximize audio quality and provide the best user experience.
- FirstLight provides an **easy and flexible migration path** with an Ethernet interface, and an option for PRI handoffs.
- Our **regional ring architecture** eliminates the need to route traffic solely to major Internet traffic hubs like Boston and New York.

Looking for the right SIP provider for your organization? Call on the experts at FirstLight. 1-800-461-4863