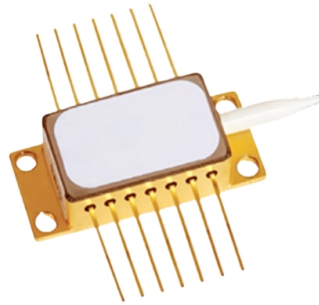


# Does a SIP access trunk also require a switch



## Overview

SIP trunking, by contrast, uses packet-switched architecture, where voice is broken into data packets that travel dynamically over shared IP routes. SIP trunks service SIP calls between the BTS 10200 and external SIP entities other than local SIP subscribers, such as voice-mail servers, remote call agents, and SIP proxies. The BTS 10200 can be configured to use User Datagram Protocol (UDP) or Transmission Control Protocol (TCP) transport for. For SIP to work, the PBX (or IP-PBX) must first connect to a SIP trunk provider over the internet. Then: Your IT team (or provider) configures the PBX with the SIP trunk credentials: typically a SIP username, password, and provider's server (SIP proxy) address. Many providers also require IP. SIP trunking is a voice over Internet Protocol (VoIP) technology and streaming media service based on the Session Initiation Protocol (SIP) by which Internet telephony service providers (ITSPs) deliver telephone services and unified communications to customers equipped with SIP-based private branch. At its core, SIP trunk architecture is the blueprint of how voice communication travels across an IP-based network, from the moment a user initiates a call to when the other side hangs up. It defines how signaling and media interact, how devices authenticate, and how each call finds its way through. SkySwitch can assist with creating the trunk and troubleshooting incoming registration to our switch. While it is the partner's responsibility to register the trunk on their PBX/Endpoint, we are happy to provide Best Effort Support guidance for certain PBXs such as, but not limited to, 3CX. Organizations switching to SIP trunks gain pay-per-use pricing, dynamic scaling, and integration with unified communications platforms.

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