

MCommunicate

Flexible SIP Trunks



What are SIP Trunks?

SIP Trunks, or SIP (Session Initiation Protocol) for short, route calls over the internet and are an alternative to traditional telephony like copper (PSTN) or ISDN lines. ISDN lines are large capacity lines with a maximum capability of 30 concurrent calls at any one time.

Phone call capacity is defined by channels, one call is one channel. SIP Trunks are infinitely scalable with no limit to the number of channels you may have. When you need to increase your voice capacity SIP can scale incredibly fast and easily, unlike PSTN and ISDN.

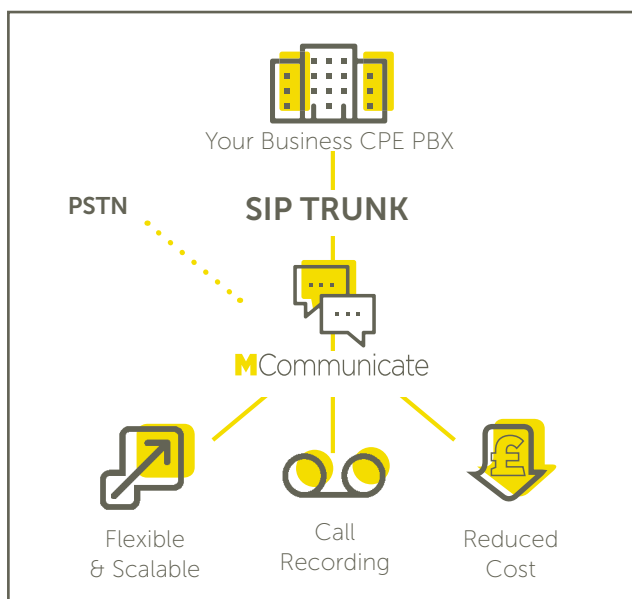
SIP Trunks are an ideal alternative to legacy telephony like ISDN, which will be turned off in 2025.

How does telephony work?

Calls are directed to a PBX that routes the call to the correct end user. A PBX (Private Branch Exchange) is a private telephone network that allows users to make and receive calls both internally and externally, routing your calls to their intended audience. Older telephony systems utilise a PBX housed in the business office, (also referred to as CPE PBX - Customer Premises Equipment)

Traditional telephony vs. SIP Trunk telephony

Traditional telephony works by using a copper wire network (telephone lines) which is known as PSTN and ISDN. SIP Trunks connect your existing onsite PBX to the internet instead of the PSTN.



Features and benefits of SIP Trunks

- **Reduces costs**
Cheaper calls and no line rental. Up to 60% savings compared to ISDN
- **Enables hosted Call Recording functionality**
- **Business Continuity**
Built-in resilience, calls can be routed to anywhere in the world
- **Scalable & flexible**
 - Keeps up with spikes in call demand or user increase
 - No limits to quantity of numbers or channels
 - Grows and flexes with your business needs
 - No limit on concurrent outbound calls
- **Fast deployment**
A matter of minutes
- **Pay as you go**
Per minute rates or minute bundles
- **Retain your existing number**
- **Geographic & Non-Geographic numbers**
- **Incredibly robust**
99.95% service availability
- **Unrivalled UK Support 24/7**
- **End to end quality of service assured**
when we manage both your voice and data networks
- **International SIP Trunks available**
- **Voice, data & video**
combined in a single connection

SIP Gateways for ISDN

The ISDN turn off in 2025 doesn't necessarily mean you need to relegate your existing ISDN solution to history. In some cases companies are reluctant to ditch existing solutions, particularly if they are part of a wider network or a complex solution.

SIP Gateways are an alternative that connect your ISDN to SIP Trunks meaning you can continue to use your existing telephony system with the added benefits that SIP Trunks bring until you're ready to take the leap to a Hosted Telephony Solution.