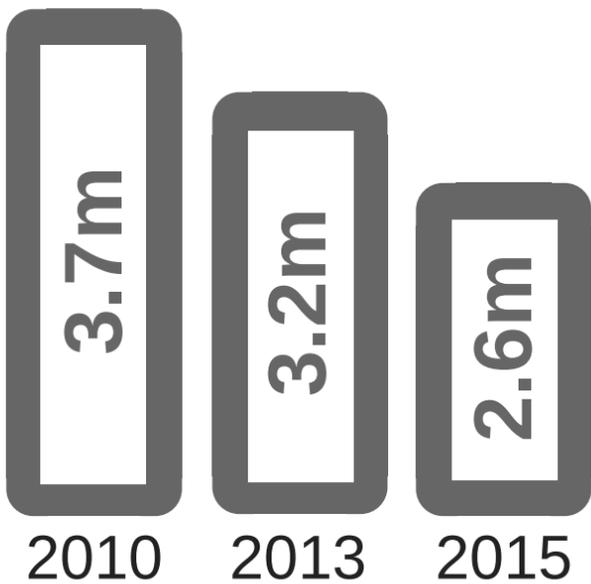# SIP vs. ISDN

What's a SIP trunk?

A SIP trunk is a VoIP service that connects your phone system (PBX) to the PSTN (telephone network) using the Internet.
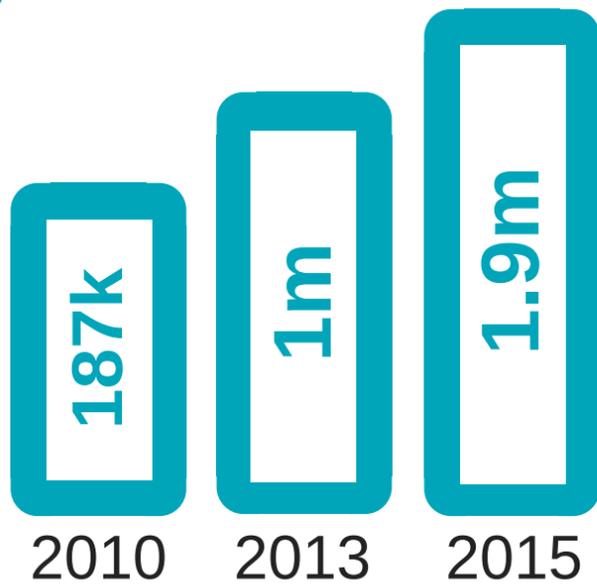
What's an ISDN line?

Integrated Services Digital Network (ISDN) describes a set of standards that support voice and data transmission over the traditional copper line network.

The fall of ISDN

VS

The rise of SIP

3.7m	3.2m	2.6m
2010	2013	2015

187k	1m	1.9m
2010	2013	2015

Source: Cavellgroup & Statista (UK)

BT have defined **2025** as the target date to close down the **ISDN network** and transfer all user onto the **IP network**

ISDN Provider

truSIP™

ISDN Provider	truSIP
Expensive hardware	Cost-effective
Maintenance cost	Self-Servicing portal
Limited to 30 channels	Limited to bandwidth
Geo numbers only	Business Continuity
Limited features	Feature rich

VS

Which one is more cost-effective?

SIP does not require any installation and maintenance costs but also offers cheaper line rental, call charges and FREE internal calls

Which one is more scalable?

ISDN is limited to up to 30 channels per line whilst SIP allows you to have as many trunks as your bandwidth can support

Which one is more reliable?

SIP offers a total Business Continuity & Disaster Recovery solution as part of the service whilst ISDN requires an extra redundant circuit

Which one is more flexibable?

ISDN offers geographically-dependent numbers and limited amount of DDi's. SIP offers as many numbers as you want with no restrictions

0207
0121
0161

Which one is more adaptable?

SIP is compatible with most PBX, only take 48hrs to be up and running whilst ISDN takes 6 weeks to install and requires expensive hardware

Which one is more capable?

SIP being a newer technology offers more features than ISDN such as Remote working, Call Recording, Statistics, Reporting and Unified Comms solutions to further streamline business communications

Learn more

Want to find out more about our SIP trunks?

Contact the truSIP team on 0333 360 6060 or info@trusip.com to find out more.