Migrating from ISDN to SIP with Peach couldn't be easier...

ISDN has been a standard for so long that you might have concerns about moving away from a service that already gives you good call quality and flexibility.

Like all things in the world of technology, change is coming. As of 2020 all ISDN lines are being phased out by BT and are being replaced with SIP Trunks. We understand that many businesses may be hesitant about this move, so read on and take action sooner rather than later.

It may seem like a long way off to be worrying about this, but 2020 is only 2 years away! The reason for this change is to move all ISDN to an IP network.

With an estimated 3.2 million active ISDN lines in the UK, this change is going to have a massive effect to businesses across the country.

We've already installed 5000 SIP trunks across the country

MYTH BUSTING

Is it secure?

When SIP trunks are implemented correctly, fraud is not an issue. Connectivity will be more secure than previously. A properly configured SIP channel will allow you to handle your own connectivity via dedicated firewalls or a router with firewalls built in, which is managed by Peach Technologies.

Call quality won't be as good!

SIP Trunking uses private IP connections specifically designed to carry voice, and as such come with Quality-of-Service guarantees. SIP Trunks therefore can deliver the same or sometimes even better call quality than ISDN. We provide an expert SIP service that comes with a dedicated support team to help maintain SLAs and Quality-of-Service guarantees.

It will cost too much!

Upgrading to SIP will have the opposite effect, it will save you money in quite a significant manner. You'll save most noticeably when no longer paying ISDN line rental costs. Additionally, you'll have access to lower call rates or in some cases, free calls to UK destinations or mobiles. Typical savings can be 50% on line rentals and 25% on calls. Calls between connected sites are also free, even those that are international.

It's new and untrustworthy!

SIP has been around since the mid 1990's and SIP trunks have had a presence since 2007, the technology has been in use for some time. It is safe to say there is a substantial body of expertise in the marketplace today, and that the technology is well tested and up to date.

Migrating will be a hassle

Deploying SIP Trunks is an easier process than with ISDN, Peach puts a good plan in place before you start your project. Full onsite support is provided so you won't be left to cope with any issues yourself.

SIP will complicate everything?

The reason businesses like SIP so much is that it helps when it comes to rationalising and streamlining telephony. This is particularly useful for companies operating on a multi-site basis. And as BT are phasing out ISDN anyway, there really is no choice in the matter.

What you can expect from Peach when
MIGRATING FROM ISDN to SIP

1 Define Requirements

2 Define Improvements

3 Testing Plan

4 Kit Specifications

5 Give Peach a call 0800 988 2002

6 Install Configure Test

7 Porting

8 Canellation of ISDN

BUSINESS BENEFITS

Business Continuity

Keep your business running with minimal disruption. You can be prepared for any situation, put in place a disaster recovery plan and have us set up back-up facilities. You can re-route calls instantly in emergency situations.

Familiarity

If your business has multiple sites, SIP trunking can rationalise the number of PBX's you'll need to maintain and the maintenance costs; and you won't lose control of your telephone numbers. You get to keep your phone numbers no matter what.

ISDN

SIP

Cost

ISDN
- Requires dedicated installation costs
- Rental costs on average £15-£20 per channel
- Call costs on average can be up to 25% more expensive

SIP
- Can use existing, planned or dedicated connectivity at a much cheaper cost.
- Rental costs usually £5-£10 per channel
- Free calls between sites connected on network locally and internationally.
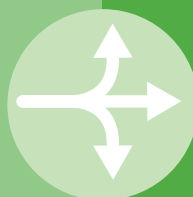
Scalability

ISDN
- ISDN2 has 2,4,6,8 channels ISDN30 has 8 to 30 channels
- ISDN30 requires sequential DDI ranges with a maximum of 5 different ranges
- Can only increase/decrease channels with Openreach planning. Once an ISDN30 has 30 channels, a new bearer is required for additional channels.

SIP
- SIP can have 1-2,000 channels on one connection
- No limitations on DDI ranges
- SIP can expand/decrease instantly
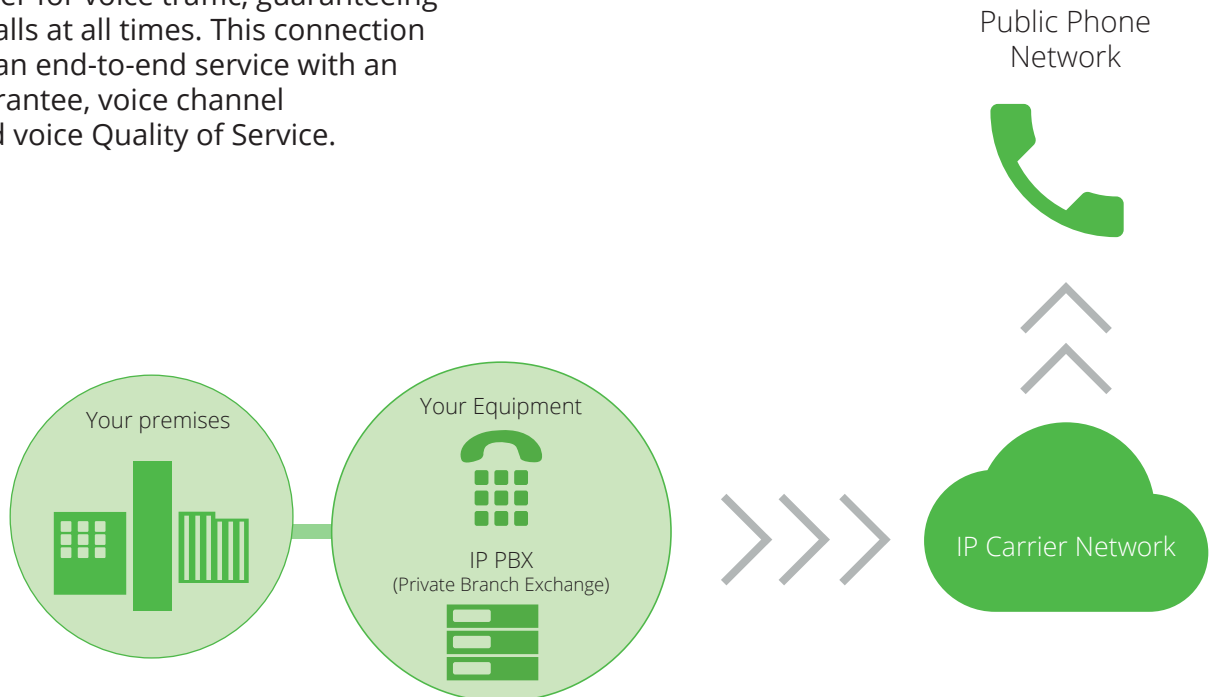
Flexibilty

ISDN
- Can only use local geographic pre-fix numbers from the local exchange
- Needs to be diverted by network provided and can only divert main bearer number
- Lead time for ISDN installs can be 2-8 weeks

SIP
- Use any geographic and international number
- Can be diverted instantly and can divert by DDI
- Can be delivered instantly, depending on current connectivity

How Does It Work?

All voice traffic is carried over an Assured Broadband connection or a Leased Line using SIP Trunks. This connection is specifically designed to cater for voice traffic, guaranteeing the quality of calls at all times. This connection is delivered as an end-to-end service with an availability guarantee, voice channel guarantees and voice Quality of Service.

Public Phone Network

Your premises

Your Equipment

IP PBX
(Private Branch Exchange)

IP Carrier Network

SIP = Session Initiation Protocol

"We were impressed with Peach's professionalism and ability to embracethe numerous revisions we went through in order to get the I.T. solution we wanted"

Managing Director Mildren Homes

Forum 5,
Solent Business Park,
Whiteley,
Hampshire,
PO15 7PA

info@peachtechnologies.co.uk

0800 988 2002
www.peachtechnologies.co.uk