



All-IP: The Great Switch Off Partner Pack

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The Great Switch Off

The Public Switched Telephone Network (PSTN) will reach the end of its life in December 2025. After this date, any services supported on Wholesale Line Rental (WLR), including **Single Analogue Lines, Multi-Lines, ISDN2 and ISDN30, will need to move to alternatives.** The big switch off will also impact LLU SMPF, SLU MPF, Narrowband Line Share and Classic Products.

FTTP Coverage Openreach Plan of Record:

12.1m to date (Nov 2023)

25m by end of 2026

30m by end of 2027

Did you know?

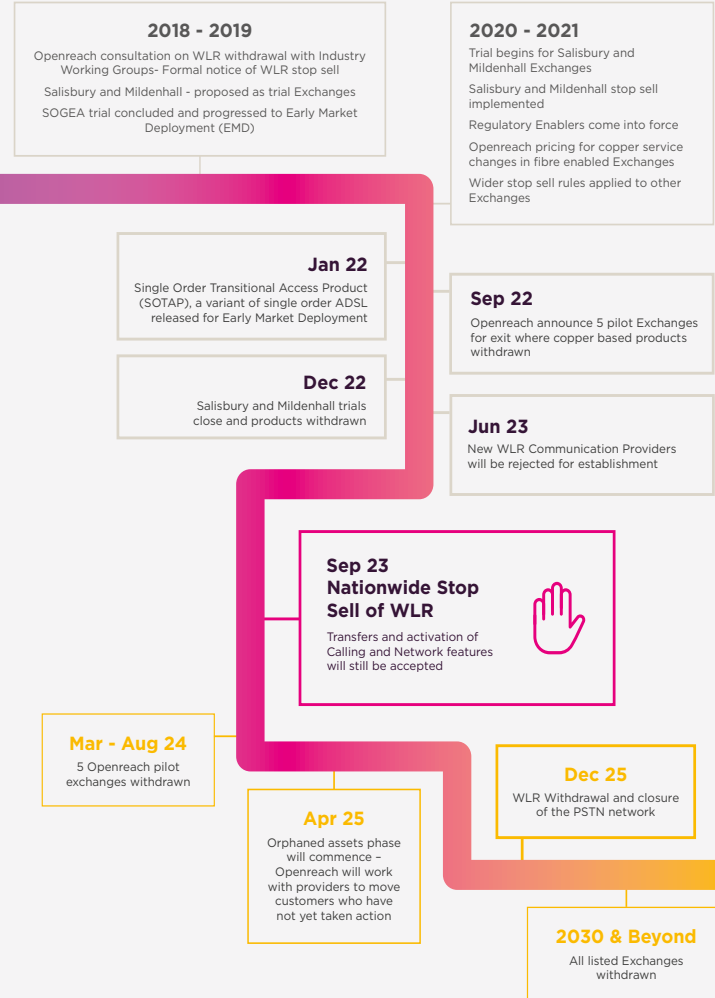
920

Openreach Exchanges are listed as FTTP Priority.

Please speak to your account manager for further details

The Great Switch off will impact broadband customers as well. Most broadband ADSL and FTTC services are supported by Single Analogue Lines. When this service is switched off, **the broadband product will need to move to a Single Order variant.**

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Stop Sell Policy

The Stop Sell Policy – Trigger for Stop Sell

- Exchange will have more than 75% Ultrafast Coverage* based on premises with Customer Ready for Service (CRFS) availability
- Exchange coverage is determined against Total Network Address Points (NAD Keys) within the exchange



*GFAST with speeds over 300Mbps + FTTP

Tranche	Stop Sell Notice Date	No. Exchanges Announced	Order Restriction Implementation Date
Tranche 15	12/01/2024	46	17/02/2024
Tranche 14	06/10/2023	28	08/11/2024
Tranche 13	17/07/2023	18	18/08/2024
Tranche 12	31/05/2023	139	04/06/2024
Tranche 11	16/01/2023	56	16/02/2024
Tranche 10	12/10/2022	37	01/11/2023
Tranche 9	25/07/2022	41	08/08/2023
Tranche 8	13/04/2022	46	09/05/2023
Tranche 7	12/01/2022	46	08/02/2023
Tranche 6	19/10/2021	51	01/11/2022
Tranche 5	02/08/2021	67	02/08/2022
Tranche 4	29/04/2021	69	29/04/2022
Tranche 3	04/01/2021	47	25/01/2022
Tranche 2	05/10/2020	26	13/10/2021
Tranche 1b	01/06/2020	94	13/10/2021
Tranche 1a	01/06/2020	13	29/06/2021

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Timing of Stop Sell

- Stop sell will be notified once an exchange has over 75% of Customers Ready for Service (CRFS) Ultrafast enabled or when there is a high guarantee that the exchange will reach 75% within 12 months
- If the trigger point of over 75% CRFS cannot be met within 12 months the stop sell will not be implemented until that exchange reaches 75% (which may take longer than 12 months)
- Further exchanges may be added at any time and the programme will be constantly reviewed by Openreach

Exchanges Update

- Since June 2020, Openreach have continued to confirm exchanges that have been targeted for Stop Sell (reach 75% fibre availability) so have issued 12 months' notice. [Download FTTP Exchanges List.](#)
- Openreach have confirmed they are going to continue to announce Tranches Post September 2023. This means that there is going to be more focus on FTTP and the start of limitations on SOGEA

From 1st April 2024, there are 594 Exchanges under Order Restriction Impentation Rules.

There are a further 232 exchanges with an Order Restriction Implementation Date confirmed and another 94 TBD.

The total exchanges targeted for Order Restriction Implementation is 920 Exchanges.

How will I find out if my customers are situated within any of the targeted exchanges?

Please liaise with your Account Manager for more information

	Notice	Trial End
Salisbury (FTTP Priority)	01/12/2020	31/10/2023
Mildenhall (WLR Withdrawal)	04/05/2021	31/10/2023
All Exchanges (UK WLR Stop Sell)	Came into effect on 05/09/2023	
Trial Exchange Managed Migrations Process	Process under discussion with industry	

Stop Sell Policy and Product Scope

Stop sell applies at a premises level only where that premise has access to an available FTTP product. Where a premise has access to FTTP, there will be no new supply of other products, CP Transfers, working line takeovers, addition of broadband to voice lines, bandwidth modifications (other than to a FTTC 40/10 or SOGEA 40/10), start of stopped lines, or migrations to non-Ultrafast products.

- If a premise has FTTP available to order, then only FTTP is available to that premise, and it instantly falls within the scope of stop sell.
- If a premise **does not** have FTTP available, SOGFAST, SOGEA, FTTC, SOTAP (where no fibre is available), MPF & WLR (only until September 2023) will be available.
- End Users that already have an active FTTC or SOGEA Service can change CP as long as the service is provided on either a SOGEA 40/10 or FTTC 40/10 Service.

The same Stop Sell principles will apply for the fibre exchanges as the Salisbury trial exchange (note: the Stop Sell principle matrix has changed as a result, see below).

Considerations will also be given to investment policies in the copper network which may include VDSL Cabinet capacity and repairs of the copper network.

Remember: Stop Sell is to ensure your base doesn't grow prior to the products being withdrawn. Where possible, provide Single Order Products like SOGEA or FTTP.

[For more information about these products, see page 9.](#)

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From September 5th 2023, as part of Nationwide Stop Sell you can no longer do working line takeovers or standard transfer orders. You can however still migrate in bulk WLR with ADSL/FTTC via the Novations process or Bulk Transfer of Services method.

Order Journeys	If the premise Is ENABLED for FTTP	If the premise is NOT ENABLED for FTTP
<ul style="list-style-type: none"> • Existing product at a premise • New premise 		
WLR/MPF and SLU MPF Provision including new supply, transfers and working line take over etc.	Restricted	
WLR/MPF and SLU MPF Modify that increase the asset base (including increase and decrease of channels)	Restricted	No Change - this will follow nationwide Stop Sell in September 2023.
LLU-SMPF, SLU-SMPF and FTTC Provision and Modify	Restricted	If the premise has availability for Single Order products such as SOGEA. This should be chosen over WLR + FTTC up until 28th March 2024.
SOADSL (SOTAP) and MPF Provision, Speed Upgrade and Modify	Restricted	
Non Standard Lines (non-served premises, short duration lines and hot sites)	No change until available on FTTP	

No move back to copper

In addition to Stop Sell, once a premise moves to FTTP a "no move back to copper" policy from the date of the Stop Sell notification being issued will come into effect. In this situation, the same Stop Sell situations would apply to that premise.

This came into effect from April 2021 (subject to regulatory enablers) and was applied at that point to premises with working FTTP lines that have had Stop Sell notifications published up to that date & onwards.

If there is a no move back to copper in place on FTTP deployments - what happens if my customer loses a analogue service they really need and didn't tell us about?

Openreach are looking to be able to provide a Rapid Reversion Process where there is a threat to life. Always ensure your following best practise guidelines.

Product Withdrawal & Exchange Exit

What does this mean?

This is the removal of traditional copper-based services from within telephone exchanges. This will not only affect all WLR PSTN and ISDN-based services, but also copper-based broadband technologies such as ADSL, FTTC and GFAST.

Openreach will also be partaking in Exchange Exit as early as 2024, which means full removal of all legacy-based solutions resulting in closure of that Exchange within the PSTN Network.

Stop Sell Notice Date	No. Exchanges Announced
31st October 2023	Salisbury & Mildenhall
29th March 2024	Deddington - FTTP exclusive exchange
21st September 2024	Kenton Road & Ballyclare
By 2030	105 Exchanges Anticipated
By 2035	All Remaining Exchanges Anticipated

Exceptions

Bandwidth modifications will only be allowed if an End User has an active SOGEA or FTTC service and can change provider as long as the service is provided on either SOGEA 40/10 or FTTC 40/10.

Do you know what happened in the Salisbury and Mildenhall trial sites?

[See further information on impacts](#)

Exceptions* for CNI (Critical National Infrastructure) – orders will be reviewed manually on a case-by-case basis where no product alternative is available (i.e. NHS, Emergency Services and healthcare pendant users, or special service devices or non-standard lines).

*For new supply, exception requests will be managed via a Manual Openreach Formwise process, which will be reviewed and managed by Openreach. Openreach reserve the right to refuse installation of non-standard lines if it does not fall into the “exceptions” category. Giacom will advise partners on how to raise these requests as soon as we are able to.

Please note that this is still WIP as Openreach define the process to flag existing installed assets in these areas as “exceptions”, to allow them to be maintained post-April 2023.

Important

Openreach are tracking each CP's progress. If migration plans are not in place or are behind schedule, assets will be considered as part of a managed migration process.

Direct customer contact from Openreach has been implemented as of **July 2022**.

Salisbury and Mildenhall services ceased on 31st October 2023 unless exemptions were in place.

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What do you need to do now?

Your Checklist

Check your customer base data to see who is affected in these exchanges (Giacom can assist with this: help us by helping you become an Early Innovator)

Implement the Best Practice Guidelines into your point of sale and operational activities

Check and update customer contracts - your customer contracts could need to be updated to reflect the withdrawal of WLR products.

Review your commercial terms - some providers offer free installations and transfers but keep in mind that some of these customers may need to move prior to the end of their term.

Tell your customer what is happening - we have provided white labelled correspondence if you wish you to utilise this

Liaise with your customers to:

Understand their mission statement for the future (Single Use Broadband required or are Voice services required too - HVS/VOIP)

Do they fall under the CNI (Critical National Infrastructure) or have CNI functions connected to their service?

Do they have other services attached to their lines? i.e. alarms, PDQ machines, CCTV

Do they have services with another provider (i.e. Broadband with you, Line Rental with another provider)?

Do they wish to retain their current number/s?

Want to know which of your customers are currently affected by Stop Sell Rules?
Contact your Account Manager to request a base wash.

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Information Gathering

We've provided a useful Customer Information Gathering Form you can use and keep with your customer account details, feel free to adapt this and use for your customers. It will help you understand your customers migration journey. **Click below to download.**

[Customer Information Gathering Form](#)

Fact Sheets

If you're concerned about customers with alarm lines and other such services that are run over WLR, Openreach have provided a number of fact sheets to help you and your customers through the transition to Single Order. **Click the buttons below to download.**

We've also created a case study based on a Lift Line conversion to All-IP that you can view below.

[Alarm Industry](#)

[Telecare Industry](#)

[Energy Industry](#)

[Water Industry](#)

[Lift Industry](#)

[Lift Line Case Study](#)



TOP TIP

Our V-IP Essentials solution will allow you to convert your lift lines, alarm lines and other edge cases over to an All-IP Solution!

Best Practice

The [Openreach Trial Best Practice Guide](#) extends to all of the announced exchanges and Nationwide withdrawal program, this can be found at www.offta.org.uk within the Best Practice page of their website.

Giacom Best Practice
DUTY OF CARE Identify lines with critical services that may need to be retained, such as payment terminals or alarm services.
TIME CONSCIOUS A minimum of 10 working days is recommended for residential customers with critical services. For businesses, you'll need to allow time for complex migration activities.
CLEAR COMMUNICATIONS Where possible, all parties impacted by migration should provide clear communications to ensure a seamless transition.
UNDERSTAND THE JOURNEY The correct order journey can improve the experience of the migration.
POINT OF SALE Provide as much information as possible at the point of sale, to ensure your customers are aware of the process and any potential risks.
BE FLEXIBLE It's always better to postpone a migration than let vulnerable customers lose critical services, in such cases, a rollback will be available.

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Remember the 5 As & a W!

Analyse
yours
assets

Acknowledge
what is on the
line

Arrange
and prepare
for migration

Adhere
to the Best
Practice
Guidelines

Act
Start your
migration
campaign

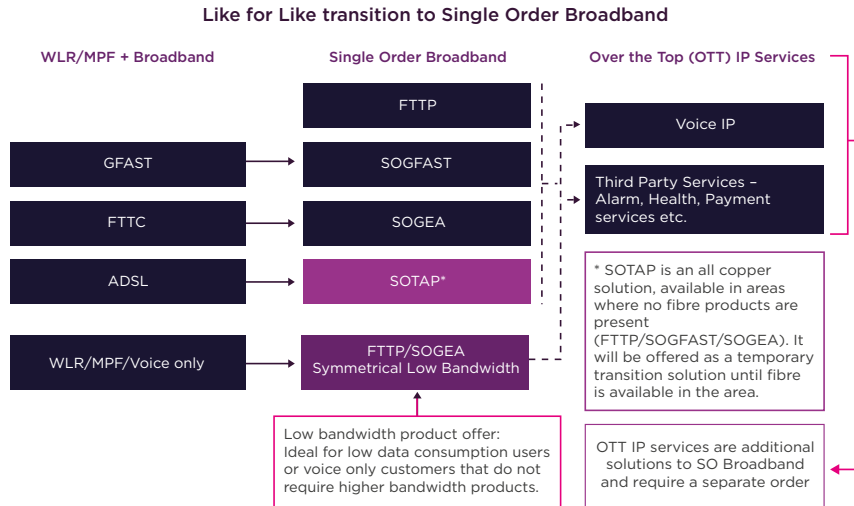
Win
more All-IP
business

Download our full Best Practice Guide

New Single Order Broadband Solutions

Guide to the new technology

The below diagram shows the like-for-like technology transitions from WLR/MPF + broadband to the new Single Order broadband.



Improve customer experience with new installations:

A growing range of installation options, also known as "Site Visit Reasons", are available for Single Order products to improve the experience:

Installation Option	Compatible with	Wiring length	Choice of socket location	Ideal for
No Site Visit	Migrations to same product family	N/A	N/A	Situations where no internal wiring is needed
Standard	New Orders Migrations	Up to 10m from lead in	No - closest power point to lead in only	Residential; Newsagents; Chip shop
Premium	New Orders Migrations	Up to 30m from lead in	Yes - up to 1M from power sockets of choice within distance	Larger residential; Retail shop; Pub
Advanced	New Orders Migrations	Up to 100m from lead in	Yes - up to 1M from power sockets of choice within distance	Large retail stores; Offices; Care Homes; Factories; Schools

For information on Installation Options see our [SVR Installation Guidelines](#) document.



Important - OTT IP Services

OTT IP services are stand-alone products; they are not included with a Single Order broadband service and require a separate order. For Voice-only single lines or low data consumption services (e.g. payment card services), a Single Order low bandwidth product will be available. The Communication Provider should then offer an Over-The-Top Voice Service; they should also be aware of any other required services on the line, even those supported by a third party, as these may include products that are not compatible with a Single Order line.

Single Order Broadband - Compatible Routers

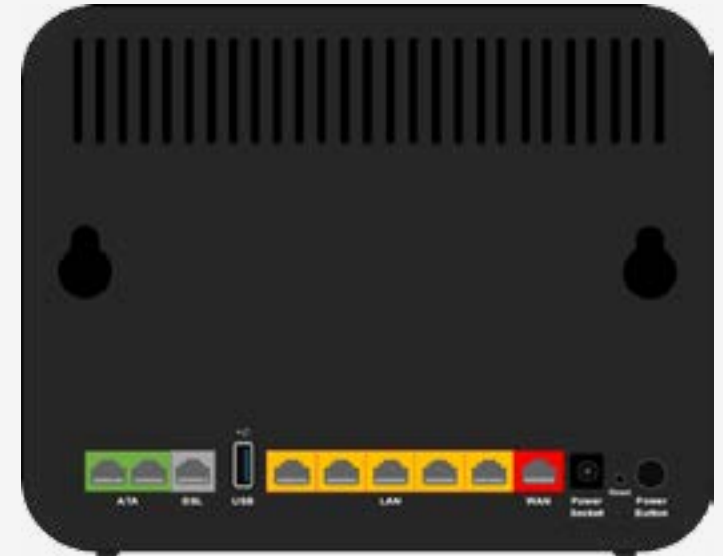
Giacom currently offer the following routers for Single Order broadband products and associated OTT Voice services.

Single Order Product	Technicolor Routers	
	DGA 0122	DGA 4134
FTTP	Yes - TBS*	Yes - TBS*
SOGEA	Yes	Yes
SOADSL (SOTAP)	Yes	Yes
ATA port	x2 ports	x2 ports

*TBS: Two Box Solution, whereby the Technicolor router will connect to the Openreach provided ONT, via the Ethernet WAN port.

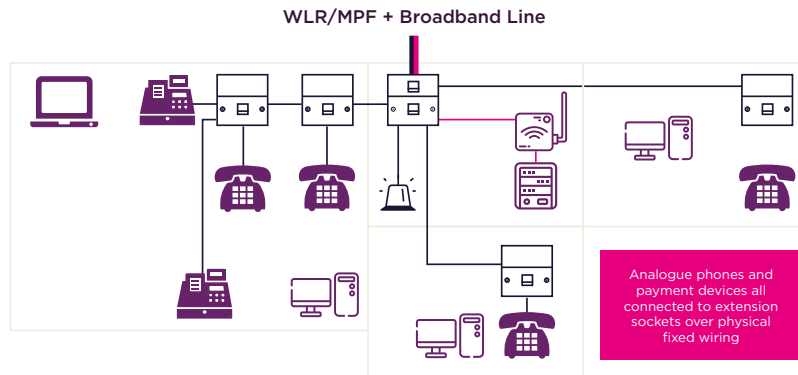
See right for DGA 4134 port layout.

Did you know - our routers support both V-IP Essentials & HV.Select?

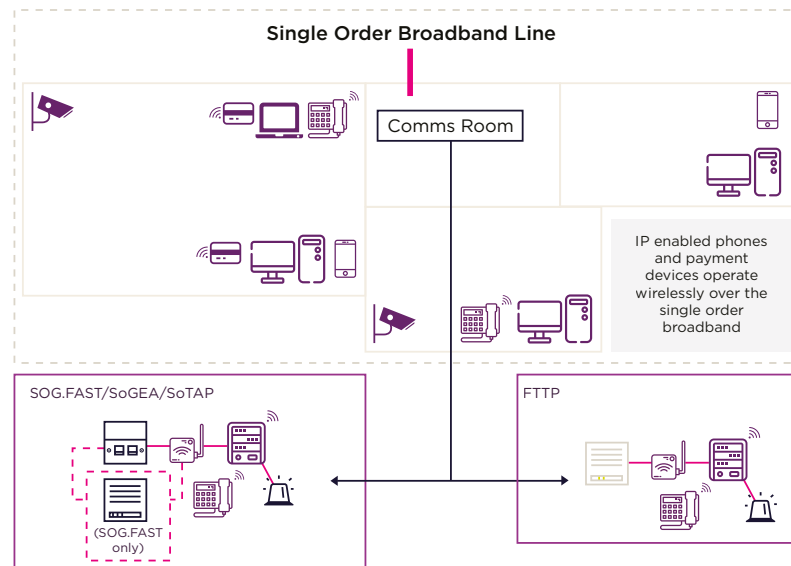


What may change for your customer site set up?

Alongside your customers' product set changing, the way customers operate their day to day business functions is also likely to change. Below is an example of a small business customer with analogue office telephones, payment devices and alarm services, all connected via physical wiring and socket extensions.



Following the customer migration, all devices will need to be compatible with IP. Onsite premise equipment may need to be changed (check with the hardware vendor).



Telephone extension socket



Master socket (NTESC)



IP wireless phone



Analogue telephone



Openreach modem (FTTP & SoGFAST)



Laptop



Switches, firewalls and other devices



IP payment device



Till system



PC



Modem/router (wireless)



IP CCTV



Alarm system



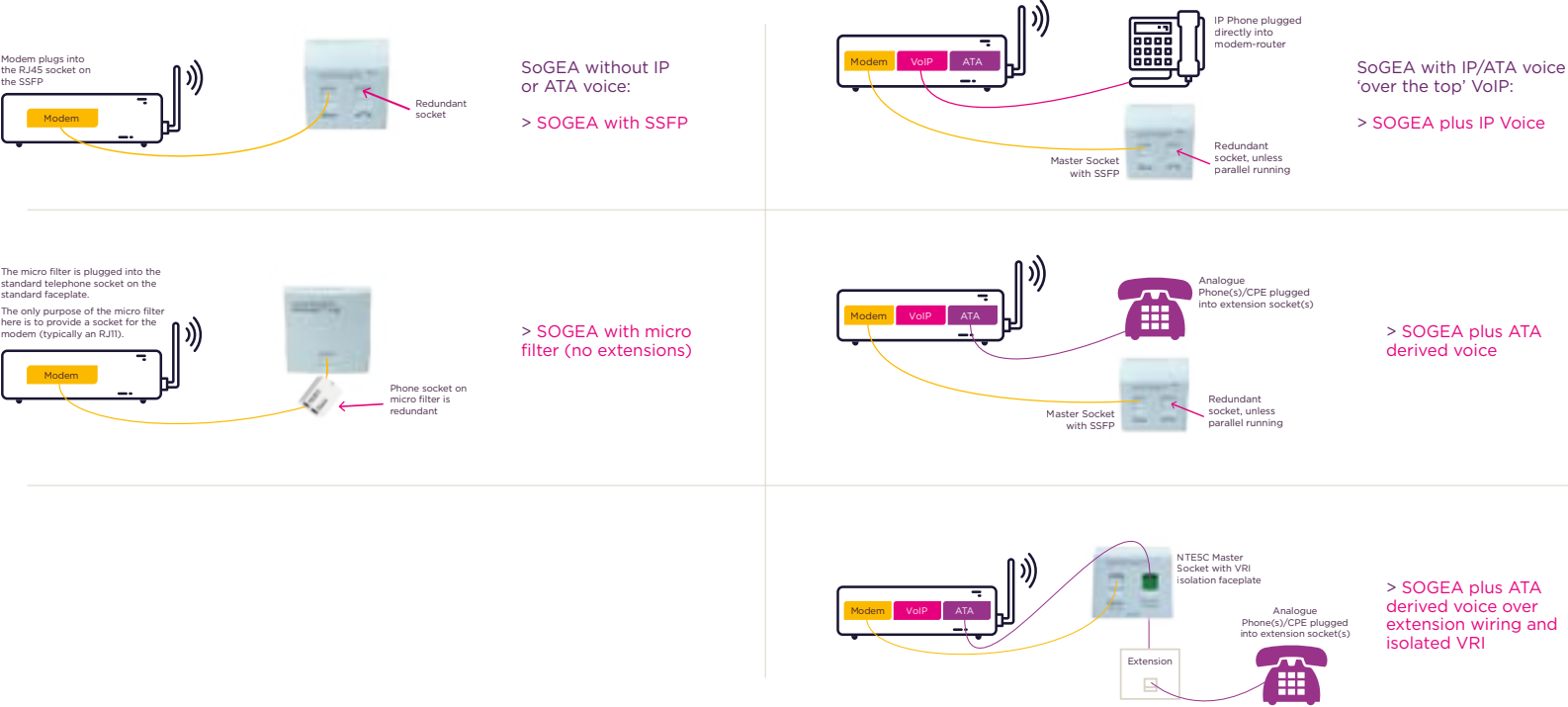
Mobile

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SOGEA Set Up

Below are examples modem/router setups at the main (master) socket for SoGEA services. For more information about please refer to the [Giacom SOGEA Product Description](#) and the [Giacom Broadband Handbook](#).



Next-Generation Portfolio

Simple. Easy. Profitable.

Connectivity

Single Order Connectivity Services, to replace copper broadband services.

FTTP (Fibre-to-the-Premises)

The future of broadband connectivity delivering the next generation of data service for all businesses and residential customers.

- > Fast and reliable connectivity for critical digital demands
- > Cost-effective - less churn and operational benefits
- > Higher resilience and lower latency than copper broadband
- > Enjoy high quality uninterrupted, real-time data applications without worry
- > Up to 1Gbps download and alternative bandwidths available

Build your FTTP base with our CityFibre £100 cashback Incentive on all new orders!

SOGEA (Single Order Generic Ethernet Access)

SOGEA takes advantage of existing line functionality to create an ideal combination of speed and price for both residential and business users.

- > Up to 80Mbps download
- > No line rental required
- > Plug & Play setup on compatible lines
- > Easy upgrade to FTTP when you're ready
- > Alternative bandwidths available across multiple suppliers

This is Broadband as easy as it gets!

Voice

Over the top IP Voice Services, specifically designed for channel partners.

V-IP Essentials

Give your customers the V-IP Experience, with our new Single Line Voice replacement.

- > Low-cost Voice replacement service on 30-day terms
- > PAYG
- > Keep your existing number
- > Use any generic SIP Device
- > Harmoniously works alongside Giacom Connectivity offerings
- > Traditional features included as standard

Remember it's hassle free when you transition to V-IP!

HV.Select Foundation

Designed for growing businesses and suitable for anyone.

- > Cost-effective, easy to deploy Voice licence
- > Core calling features for simple functionality
- > Webex softphone included
- > Dial tone only licence with the ability to add simple telephony features
- > Extensive hardware range with a complimentary range of accessories
- > Simple, self-serve portal

Get ahead in time and liberate your landline!

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How Giacom can help you transition to an All-IP future

We make it **simple** to do business in a complicated industry

It's a time of huge change in the Channel, creating great opportunities for you to take your customers on a journey to more reliable, faster and feature rich services. We provide future-proof technology for Connectivity and Voice enabling you to move to an All-IP world.

Powerful networks provide a choice of leading carriers.

Fully scalable, our products and services are built for every type and size of business.

24/7/365 UK based support and award-winning pre-sales and services teams.

Flexible 1-month term and Opex models to spread the cost of new IP hardware.

Dedicated Account Management and experienced Product Specialists

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Ask me a question

[Download Migration FAQs](#)

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Question

If my customer is based in an exchange area where the FTTP Exchange Upgrade stop sell applies, but I still don't have FTTP available, will they be impacted by the stop sell?

Answer

Stop sell will only apply where the premises has access to an FTTP product. If you do not have access, you will be able to buy other products such as MPF, FTTC, SOGEA where available.

Question

What products are affected?

Answer

The PSTN supports a number of Openreach products: WLR3 analogue, ISDN2, ISDN30, LLU SMPF, SLU SMPF, Narrowband Line Share and Classic products. These products are generically referred to, as part of the industry programme, as WLR products. When the analogue network closes in 2025 these products will no longer be available.

Question

My customer currently has a line rental and broadband service with me but now they only require broadband, what do I do?

Answer

You can migrate your customer to a single order broadband product. The voice service will stop working and effectively becomes redundant in this instance. Voice service is an optional add-on to your broadband service.

Question

My customer currently has a voice only line and they do not require a high-speed service, what can I do?

Answer

We understand and appreciate that not all customers are the same in terms of their usage. For example, a business may only rely on processing transactions payments on a line and does not require IP Voice or broadband for business applications. In these circumstances, a low bandwidth package is available (0.5 mbps) which Giacom can provide.

Question

Can my customer keep their current phone number?

Answer

our customer can keep their phone number if you inform us of this at point of sale/when you place your migration order but you will need to take out an OTT IP Voice service (to run parallel with your Single Order Broadband product) and indicate that you wish to port the number onto the new IP Voice service, otherwise you will lose the number once the service migrates away from the existing WLR or MPF Service.

Question

What if I decide to not take part in the PSTN Switch Off/FTTP Exchange Upgrade and stay with my current set up?

Answer

There is no option to opt out of the FTTP trail exchanges. If you have a working WLR or MPF asset in one of the exchanges, you will be impacted by the stop sell principles and rules with the expectation that the existing bases will be migrated onto an all IP Solution/alternative product by the end of the trails in December 2022. You will also no longer be able to order any traditional WLR services or legacy broadband services as of September 2023 when National Stop Sell Comes into effect.

Question

Why do I need to act now?

Answer

The withdrawal of PSTN copper services has a deadline of December 2025 which means any services after this date will cease. It is imperative that you prepare your business now. The change is happening, and you do not want to be left behind. Please also be aware that there is a National Stop Sell that comes into place in September 2023. This means you will no longer be able to order any legacy WLR based services from this date.



Resource Hub

All-IP Campaign Kitbag

List of FTTP Exchanges

Impacts to Salisbury & Mildenhall

Download Collateral

ALL-IP Brochure

HVS Brochure

Broadband Handbook

SOGEA Product Description

GSO Battlecard

FTTP Product Description

GSO White Labelled Leaflet - Print

SVR Guidelines

GSO White Labelled Leaflet - Digital

FTTP vs Ethernet Guide

Watch Webinars

HV.Select Supercharged

V-IP Essentials Webinar

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Acronyms

ADSL	Asymmetric Digital Subscriber Line
ATA	Analogue Telephone Adapter
CNI	Critical National Infrastructure
CP	Communication Provider
CRFS	Customers Ready For Service
EU	End User
GSO	Great Switch Off
FTTC	Fibre To The Cabinet
FTTP	Fibre To The Premises
HVS	Hosted Voice Select
ISDN	Integrated Services Digital Network
LLU	Local Loop Unbundling
MPF	Metallic Path Facility
NTE	Network Terminating Equipment
OTT	Over The Top
PSTN	Public Switched Telephone Network
SMPF	Shared Metallic Path Facility
SOADSL	Single Order Symmetric Digital Subscriber Line - aka SOTAP
SOGEA	Single Order Generic Ethernet Access
SOGFAST	Single Order G.Fast
SOTAP	Single Order Transitional Access Product - aka SOADSL
SVR	Site Visit Reason
VDSL	Very high-speed Digital Subscriber Line
VoIP	Voice over Internet Protocol
WLR	Wholesale Line Rental
WLR	WLR3 Analogue, ISDN2, ISDN30, SMPF, SLU SMPF, Narrowband Line Share and Classic Products
Product(s)	



If you are not discussing the migration with your customers, then someone else will be.

Openreach have already confirmed that 50% of their partners are already engaged and in the process of migrating their assets over to All-IP.

We are here to support you

Contact your Account Manager for further assistance.

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