

THE VOICE OF THE PROFESSIONAL SECURITY INDUSTRY



BSIA All-IP UPDATE

March meeting updates - ALL-IP Transition

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All IP Timeline



Key Milestones:

- **Week Commencing 24 April 2023** - Trials service degradation measures commence
- **5 September 2023** - Stop selling new supply of WLR in the UK
- **October 2023** - In-scope WLR assets will be ceased in Mildenhall and Salisbury, except where an exemption granted by Openreach - *aspirational*
- **December 2025** - WLR Withdrawn in the UK. PSTN Closure.
- WLR comprises PSTN, ISDN2, ISDN30 and includes Classic. Note that withdrawal will also apply to any broadband product (SMPF or FTTC) associated with a WLR PSTN line

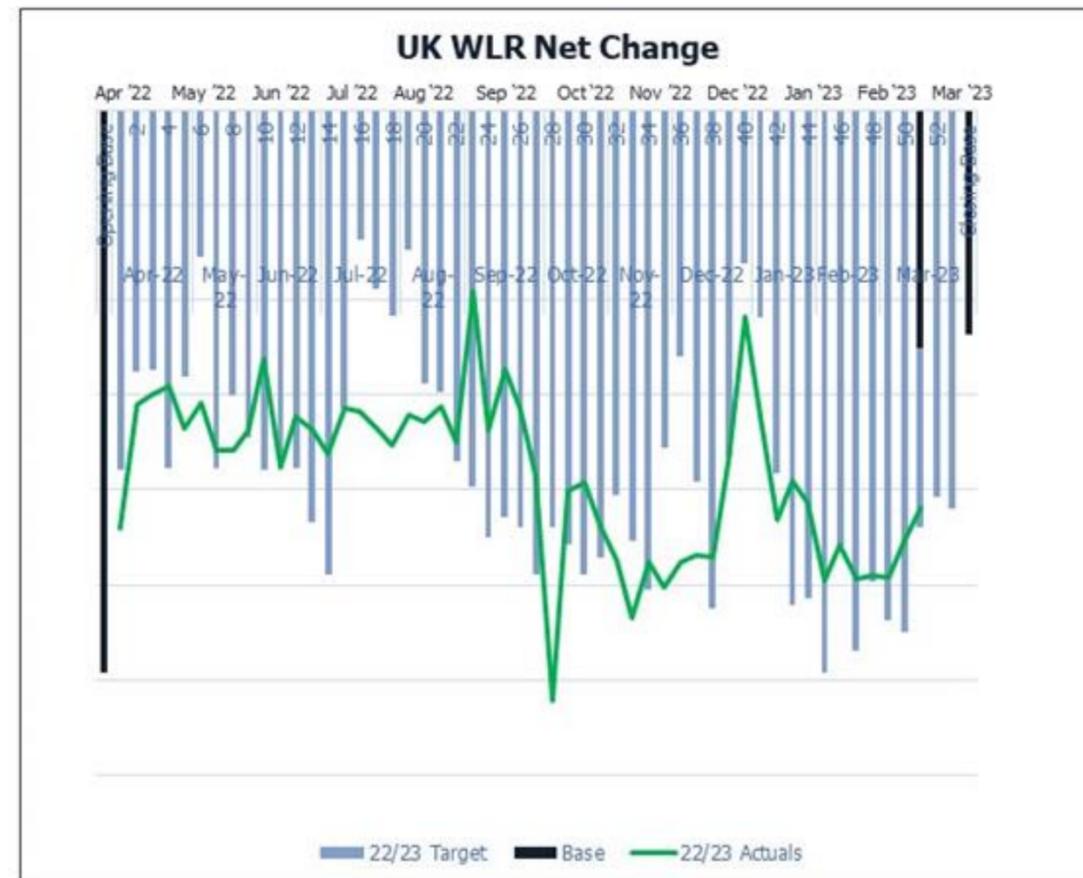
These milestones will be covered within our session on End of Trial Activities

CPs have been working with customers in their area. Openreach will stop selling WLRs (PSTN) from September 2023.

ALL-IP transition in the UK

UK WLR Base Movement

On track to reduce base by 23% in 2022/23 - but need to go faster next year



- We're on track to hit 23% but need a strong finish to the financial year 2022/23
- Financial year 2023/24 we need to go **much faster** to achieve the goal of getting off the PSTN by the end of 2025.
- To succeed in hitting the target, migrations need to increase over the next 12 months. There is still scope for more migrations onto non-copper based products before UK stop sell in September 2023.



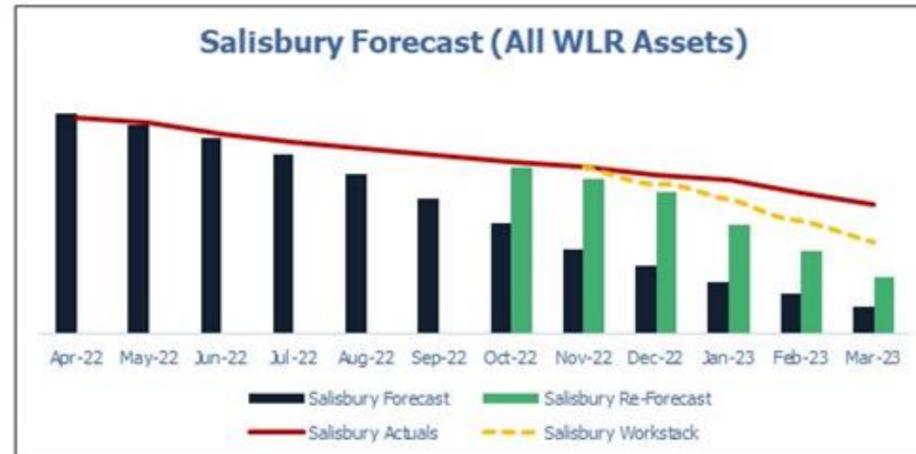
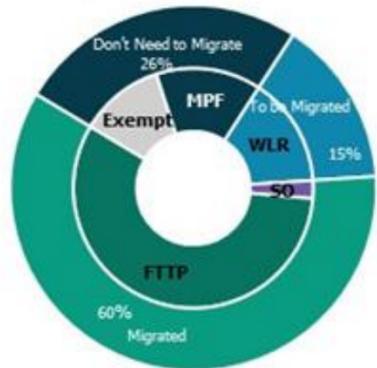
On track for a 23% reduction in WLRs (PSTN).

ALL-IP transition in the UK

Salisbury and Mildenhall Withdrawal

Demand for migration orders in Salisbury has increased but still leaves end customers at risk of service degradation measures from April 2023

Salisbury

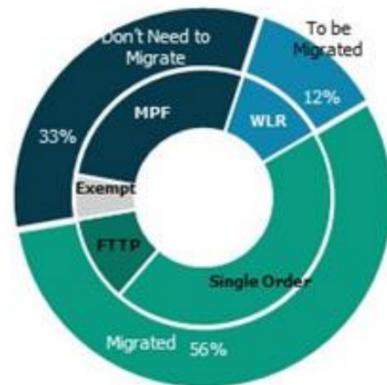


Demand has increased in Salisbury but too many lines remain at risk of service degradation measures

Small increase in demand in Mildenhall but again not enough to prevent end customers from receiving some form of service degradation over the next few months.

A small number of CPs in the trials remain unengaged with Openreach

Mildenhall



A pick up of pace has been seen in WLR (PSTN) of the trial sites

ALL-IP transition in the UK

Salisbury and Mildenhall WLR withdrawal trial Supported Migrations - Step 4 update

Communications Provider (CP) emails to be sent week commencing 27 March 2023 to advise:

- Extension of trial from 19 April 2023 to 9 October 2023
- Service degradation measures for in-scope end customers
- Postcards to be sent to end customers (asset within fibre footprint and non exempt) from early April 2023 to advise services will stop working as normal

Postcards will be sent in two batches:

- All in-scope WLR & FTTC end customers from early April 2023
- All in-scope WLR end customers from early May 2023

Service degradation measures to be taken by Openreach in the trial areas

A review of Trials, Stop sell and Withdrawal

All IP Trials	Stop Sell: FTTP priority exchange	Stop Sell: WLR Withdrawal	WLR withdrawal
<ul style="list-style-type: none">• Only in Salisbury and Mildenhall• Supporting the WLR withdrawal programme• Exemptions/exceptions available• Service degradation between April 2023 and October 2023• All lines in scope need to migrate to FTTP in Salisbury, or FTTP/SOGEA in Mildenhall	<ul style="list-style-type: none">• Where FTTP availability reaches 75% coverage, FTTP is the only product available to consume• If FTTP is not available at the premises, then the stop sell will not apply and other products such as SOGEA, SOTAP (when available) and MPF can be ordered• Exchanges announced in tranches with 12 months notice• Programme continues beyond WLR withdrawal Stop sell• Dilution rules apply (e.g. B/W modifies allowed to FTTC/SOGEA 40/10)	<ul style="list-style-type: none">• From 5 September 2023, the WLR withdrawal flag will be set across the UK restricting WLR nationally for new supply.• Applies at premises level only where that premises has access to FTTP, SOGFast or SOGEA• WLR and SMPF products will not be available for CP1 to CP2 transfers, or new supply• Modify orders to manage debt and 999 updates will still be accepted	<ul style="list-style-type: none">• Closure of the PSTN network in December 2025• Openreach will no longer offer or support WLR services that rely on the PSTN network• WLR3, ISDN2, ISDN30, LLU/SLU SMPF, Classic and Narrowband line share will be withdrawn• Underpinned by All IP trials and both of the Stop sell programmes

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Vulnerable customers will be granted exemptions

ALL-IP transition in the UK

All IP Trials – Salisbury and Mildenhall

Best Practice Guidance



In April reducing the FTTP bandwidth

CP Portal

Find out more

**WLR
Withdrawal**

[Read more →](#)

Stop sell

[Read more →](#)

Test Lab

[Read more →](#)

**Exchange
Exit**

[Read more →](#)

**Businesses
and Services**

[Read more →](#)

Collateral

[Read more →](#)

All IP Trials

[Read more →](#)

All IP Trials

- Overview of the trials
- Latest Updates
- CP Briefings
- Additional documentation
- FAQs

Collateral

- Brochure and video
- Generic slide pack
- White labelled collateral

ALL-IP transition in the UK

It's on the move!

Currently located in Judd St. London

- 6 CPs

New Test Lab to be built in Faraday Building – end of 2023

What's it for?

- Special Service providers/manufacturers to test their service/equipment on IP products
- A well used, industry-wide resource

What products?

- GEA-FTTP
- SOGFAST
- SOGEA
- SOTAP (when available)
- WLR analogue
- WLR ISDN2
- MPF

Action

- CPs to confirm they want to offer services in the lab
- Please contact one of the All IP team



Test lab update

ALL-IP transition in the UK

Exchange Exit Programme

Exchange Exit strategy

BT wants to close its exchanges as the network evolves

We are fundamentally upgrading the UK's infrastructure through FTTP, migrating from legacy services to redefine the architecture of the Openreach network.



Our long-run strategy is to serve all customers from c960 exchanges

In December 2020 we began to discuss with CPs the proposed exchange exit programme. We will continue to consult with industry and Impacted industry throughout.



Exit ambition of exiting 103 exchanges by 2030

And a large majority of the remaining 4,500 non-handover exchanges in thereafter. This will help consolidate infrastructure, reduce energy consumption and increase efficiencies.



Upgrade our customers brilliantly

A key part of our strategy is for Openreach is to ensure that all customers are migrated safely and with minimal disruption.



Pilot is underway, 103 exchanges by 2030, remaining exchanging after 2030

Phase 1 – Pilot 5 Product switch off

Deddington – 28/03/24
Ballyclare – 21/09/24
Carrickfergus – 21/09/24
Glengormley – 21/09/24
Kenton road – 21/09/24

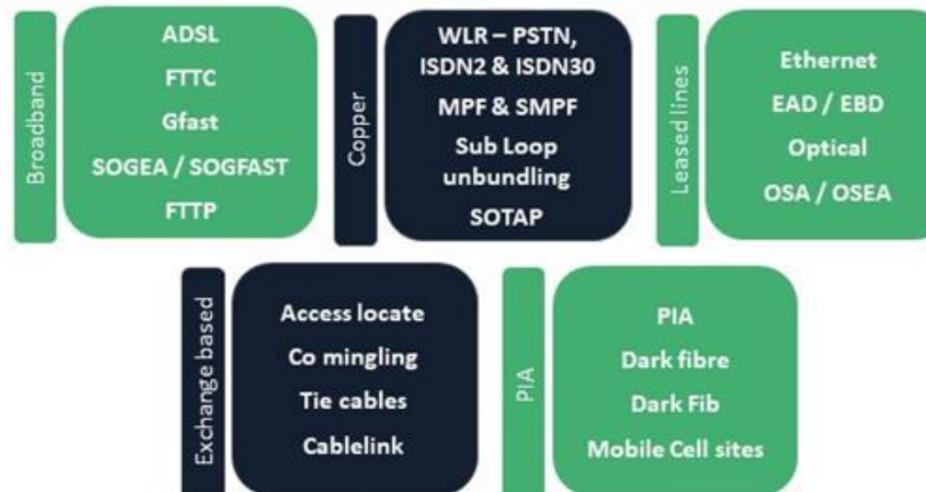
Phase 2 – Priority 103 Our plans to exit 103 exchanges by Dec 2030

16 OLT FTTP/FTTC exchanges

Phase 3 – 4,500

Our ambition is to exit a large majority of the remaining 4,500 non-OHP exchanges thereafter.

All Openreach Products are Impacted



Exchange exit strategy including Pilot through 2030

ALL-IP transition in the UK

Exchange Exit

Delay to publication of priority 103 exchange exit consultation

Due to the complex nature of the exchange exit programme, it is important to take the time to ensure that all aspects and impacts are considered. Openreach is still working through some of the complex principles that have an impact on industry and the end customer. We need more time to ensure that we can fully consider and where possible address the feedback we have received from previous consultations and bilateral discussions, therefore, we are delaying the publication.

Consultation key principles			
The proposed timeline for Exchange Exit programme	Notification period for closure of an Exchange	Phasing approach to exchange exit	Stop sell
Fibre build coverage	MDU strategy	Not Spot Strategy	Implementation
Commercial principles	Impacts to products	Removal of Exchanges from data bases/systems once closed	Process & procedures
OLT Pilot	Managed/ supported Migrations	Reparenting mapping	Withdrawal
Exchange product /Resilience	Product availability in the priority 103 exchanges	Timeframe for closure of an Exchange	Not spots



ALL-IP transition in the UK

Exchange Exit

Pilot learning to date



SOTAP will be available in time for WLR3 withdrawal

Single Order Transitional Access Product from Openreach

1. Allows Copper lines to be used until full fibre has been rolled out
2. It is a passive physical access product to connects premises to the local exchange
3. Available nationally outside the fibre footprint

How can you use SOTAP?

To use SOTAP CPs will need to build and deploy broadband equipment to 5500 exchanges

We anticipate that only a single CP will use SOTAP

Most CPs and Resellers will instead buy a broadband product from a wholesaler which includes both SOTAP and broadband capabilities

A digital voice solution may also be required

	21/22				22/23				23/24			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
SOTAP		Pilot – Mildenhall, East Anglia, London & South East								★ June 23 Decision on Early Market deployment launch	★ Sept WLR3 Supply Withdrawn	

ALL-IP transition in the UK

Key Takeaways

UK Volumes and Trial Updates

We are on target to achieve the 23% reduction in the WLR base by the end of March 2023.

We need to increase the rate over the next year if we are to achieve target by removing all WLR assets by December 2025.

End of Trial Activities

Review our best practice guidance

Our updated CP Degradation Policy has been uploaded to the All IP Trials portal [here](#)

Key Changes include:

Gfast will not be in scope for FTTC speed degradation

ISDN30 will not be in scope for Route to Credit Control

Remote call forwarding will not be removed as part of Route to Credit Control

Supported Migrations

Communications Provider (CP) emails to be sent week commencing 27 March 2023 to confirm:

i) Extension of trial from 19 April 2023 to 9 October 2023.

ii) Service degradation measures to be applied for in scope end customers.

iii) Postcards to be sent to end customers (asset within fibre footprint and non exempt) from early April 2023 to advise services will stop working as normal

SOTAP

Pilot underway in Mildenhall, East Anglia, London and South East.

In June 2023, decision to be made on early market deployment launch

SOTAP product allows copper lines to be used until full fibre has been rolled-out.

Available across the UK where outside the fibre footprint.

Exchange Exit

Deddington – product switch-off 28 March 2024

Kenton Road, Ballyclare, Carrickfergus, Glengormley – product switch-off 21 September 2024

Ambition to exit 103 exchanges by 2030

Priority 103 timeline: Consultation document publication has been delayed to ensure we can fully address feedback received from the bilateral discussions

Over to you...

What would you like to hear about?

Would you like to present on a future working group?

Useful Links

[All IP homepage](#)

[Collateral on CP Portal](#)

[Latest stop sell updates](#)

[Policy updates](#)