



# G4S

## Openreach PSTN Switchover

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What It Means For You



# Introduction

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- Welcome
- Changes to telephony Infrastructure in UK up to 2025
  - All businesses impacted
  - Including many Intruder, Fire Alarms and Intercoms that rely on legacy PSTN, ISDN or ADSL networks
- Leading industry experts here today to help guide you:
  - Through changes
  - On what it means for you and your customers

# Agenda

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- **Introduction** - Paul Fitzgerald, G4S
- **What is happening, when and why?** - John Livermore, Openreach
- **What security systems will be impacted and why?** - Darren Davey, BT Redcare
- **What options exist?** - Darren Davey, BT Redcare
- **What should you be saying to end-users?** - Paul Fitzgerald, G4S
- **What Do You Do Next, & How Can G4S Help ?** - Paul Fitzgerald, G4S
- **Questions**

# G4S Monitoring

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24/7/365

Fully Accredited  
Monitoring Center.



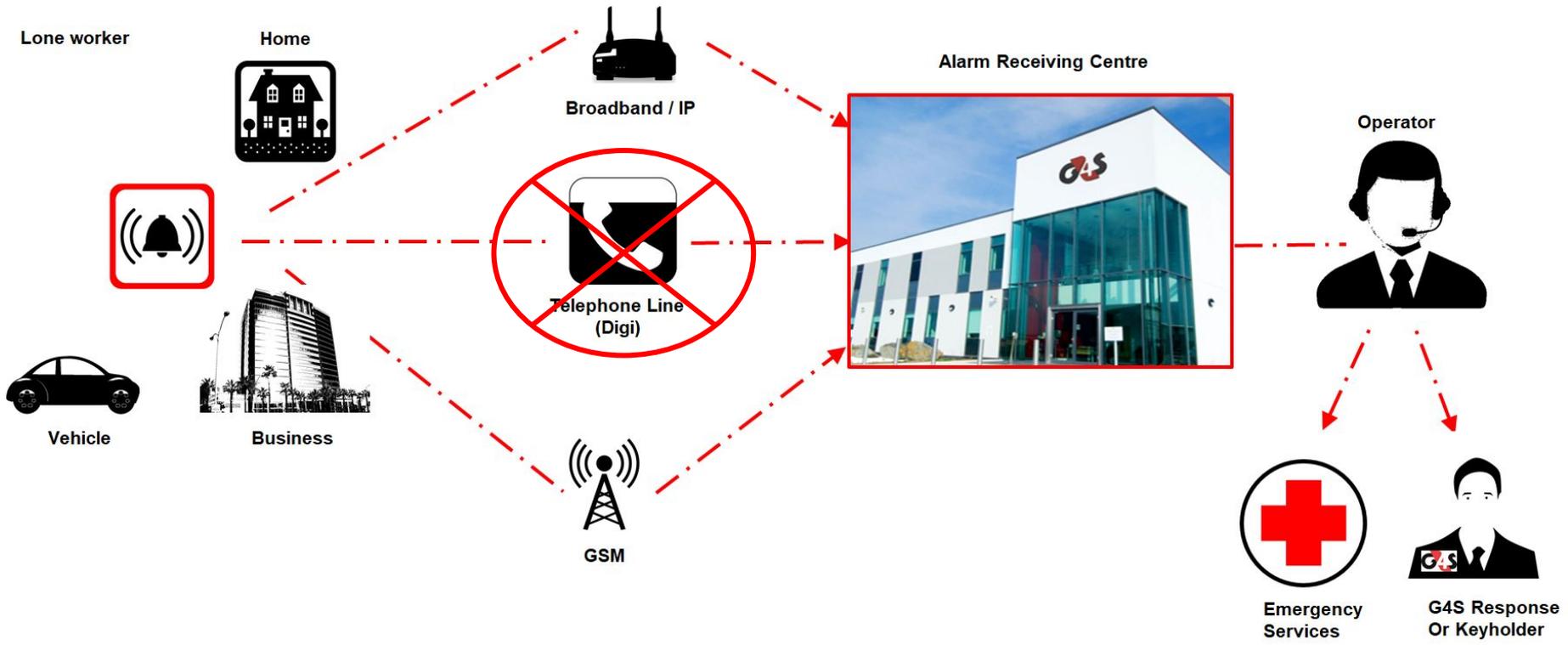
## Our Service Offering :

- Intruder & Fire Alarm Monitoring
- Lone worker protection
- Access control management
- Outsourced control room
- Critical/emergency response services
- Vehicle tracking
- Remote CCTV & Analytics
- Temporary solutions
- Rapid Deployment CCTV Towers

Securing Your World



# How it works



Securing Your World



# What is the ALL IP Programme?

There are two parts of the programme: 1. The withdrawal of the WLR portfolio and 2. Roll-Out of FTTP

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## WLR Withdrawal

- The UK PSTN network is reaching end of life, and will be shut down at the end of **2025**
- The current portfolio of older lines that form the WLR product family will be withdrawn by the end of **December 2025**
- The WLR product family is made up of WLR analogue, ISDN 2, ISDN 30 and broadband that runs over analogue lines
- All end customers must move from the withdrawn products before the end of December 2025
- Currently there are around 15M lines and channels to minimise the scale of migration, a National WLR "Stop Sell" will be implemented in **September 2023**
- openreach will not provide a voice offering post WLR withdrawal

## FTTP Exchange Upgrade

- FTTP is now being rolled out across whole exchange areas on a quarterly notification cycle.
- When FTTP coverage reached 75% of all premises in an exchange area, a "Stop Sell" will come into effect for all copper based services where the premises is enabled for FTTP. **169 Have already been identified and communicated to CPs**
- "Stop Sell" means that there will be limitations for new supply and what can be done with existing lines.



# The impacts of Stop Sell

- Stop Sell restricts the usage of certain products where there is a strategic aim to withdraw the product at a later date.
- Where the strategic product is available at the premises, order restrictions will be applied, prioritising use of the strategic product(s). Exceptions can apply.
- Where the premises has not been enabled for the new technology legacy products will still be available.

The following order scenarios will not be possible for products restricted by the Stop Sell:



New Supply



Working Line  
Takeovers



Start of Stopped  
Lines



Addition of lines and channels  
to existing installations



Migrations



CP Transfers



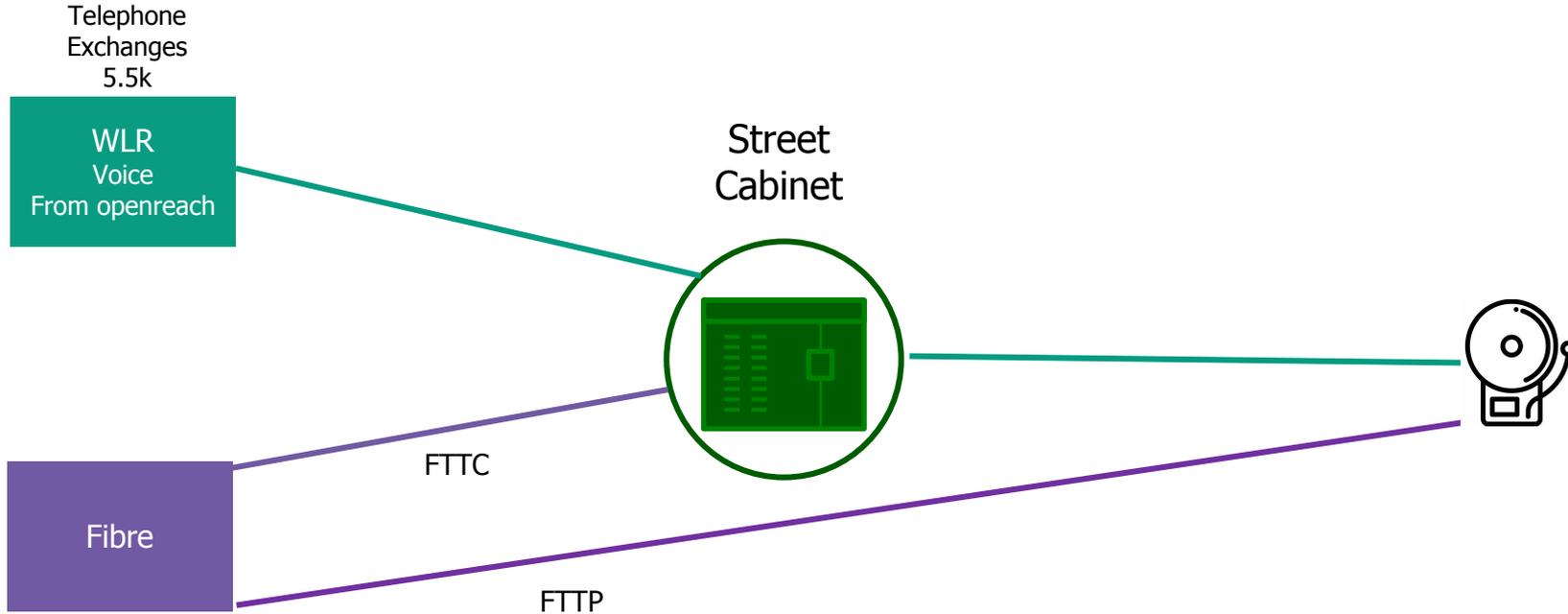
Bandwidth  
Modify



Addition of Broadband to  
Copper Voice Lines

# What's changing?

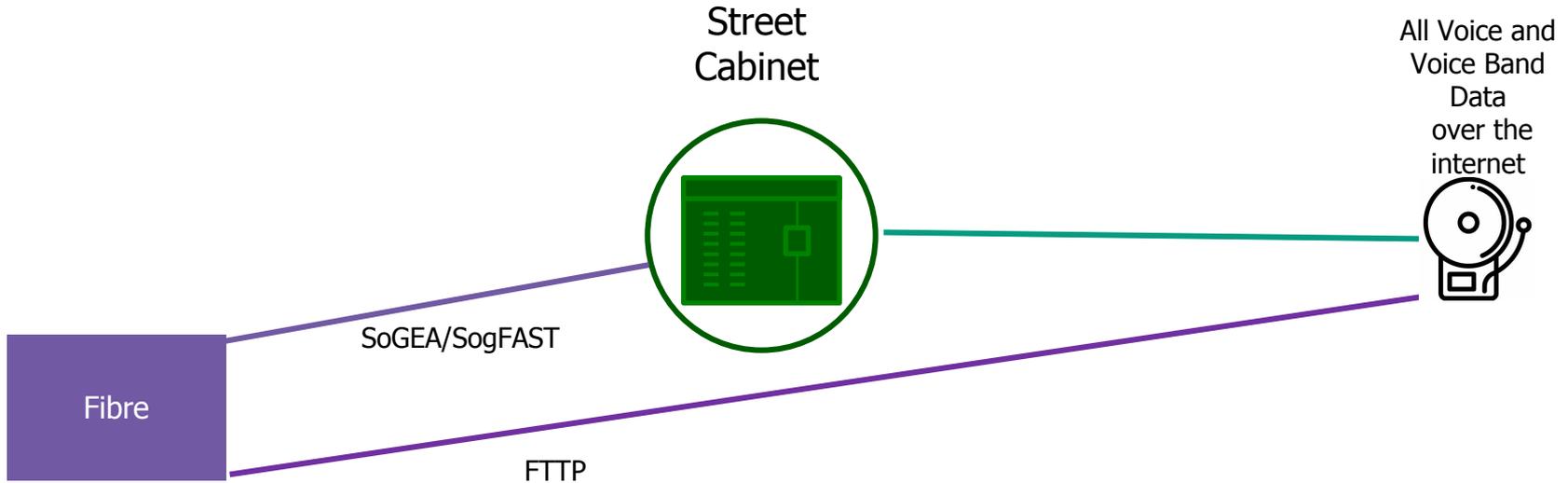
## The Network Today



# What's changing?

## The Network Today

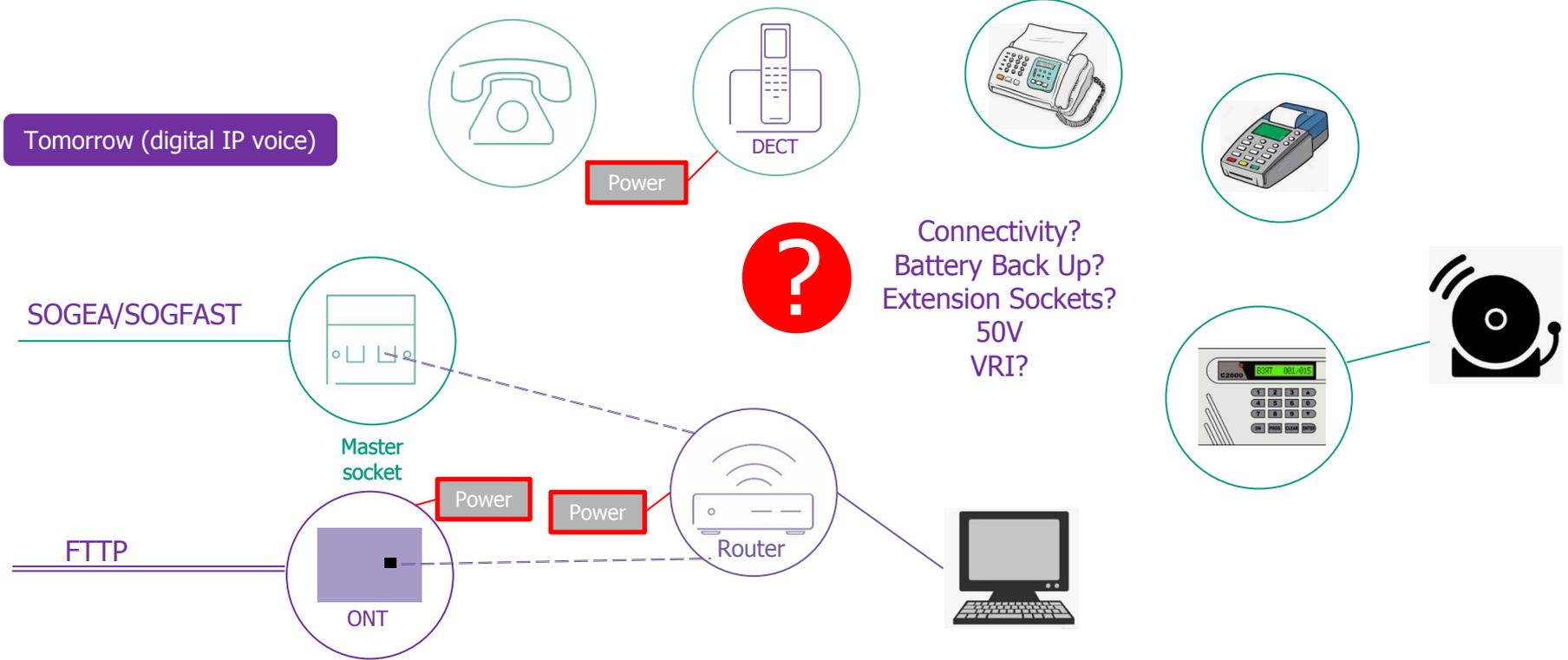
Telephone  
Exchanges  
5.5k





# So what's changing in the premises ?

The Future-Services are provided by the Router **not** the wall socket



# What security systems will be impacted and why?



- **All monitored alarms** that rely on the traditional phone network (PSTN), to send its signals will be affected
- It is important that you **act now** and **future-proof** your alarm signalling devices before you move over to the new digital service
- If action isn't taken and systems aren't upgraded to those that use IP, you will be left **unprotected** - exposed to theft, fire and in breach of any insurance compliance



# We can protect you, whatever the risk

## Essential range

Our affordable, entry-level range offers protection for low-risk properties, whether you want IP or 4G connectivity.

## Advanced range

These flexible alarm signalling systems make it easier for low-to-medium risk properties to adapt to changing security threats.

## Ultimate

Never compromise on your connection with our most responsive system yet. It reports path faults within 90 seconds. Making it ideal for high-risk properties.

Essential  
Essential  
IP

Essential Extra  
Advanced

Advanced  
Extra

Ultimate

Low  
risk

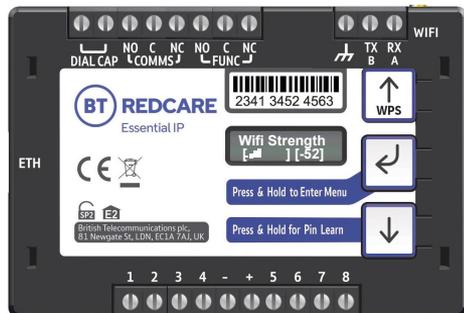
Medium risk

High risk

# What options exist?

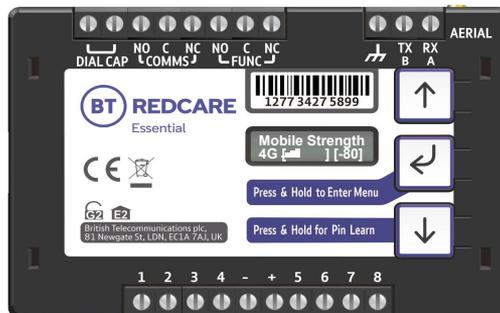


## Our Next Generation portfolio



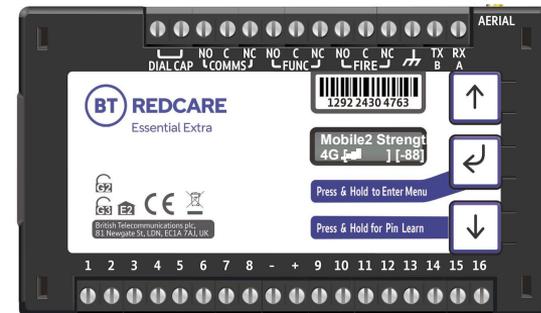
### Essential IP

Update PSTN systems for less. This single-path alarm signalling system connects to your broadband over Ethernet or wi-fi for a speedy install. It exceeds SP2 performance levels, so it reports path faults within 60 minutes. That's much faster than traditional digi communicators.



### Essential

Always get the best connection. This wireless alarm signalling system switches between mobile networks to find the most reliable 4G or 2G signals. It also outstrips SP2 performance levels to report path faults within 60 minutes.



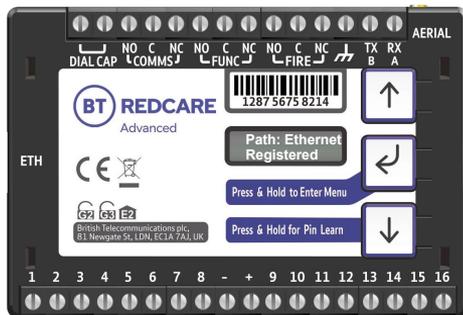
### Essential Extra

Get resilient wireless alarm signalling. This dual-path system exceeds DP2 performance levels and uses superfast 4G to send encrypted, enhanced signals in seconds and report path faults within 30 minutes. While a fully-monitored second SIM kicks in if anything goes wrong for added protection.

# What options exist?

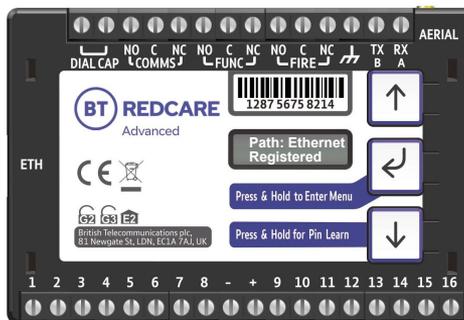


## Our Next Generation portfolio



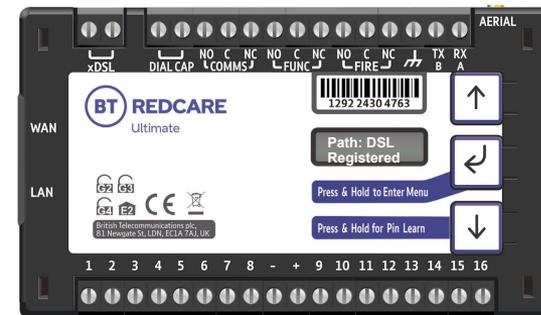
### Advanced

Not every home or business has the same risks. That's why we've made Advanced more flexible. It offers dual-path protection that exceeds DP2 level performance, reporting path faults within 30 minutes. But you can upgrade it for even faster signalling, on day one or down the line.



### Advanced Extra

Get next-level security with this easy upgrade from our Advanced alarm signalling system. It sends enhanced, encrypted signals and outstrips DP3 performance levels. But if the IP connection goes down there are two 4G SIMs that provide a wireless back-up and report at the same speed.



### Ultimate

Get the highest level of security. This dual-path alarm signalling system can report path faults in just 90 seconds and exceeds DP4 level performance. It uses private broadband with a built-in hub and has two 4G SIMs as a wireless back-up. Battery backup from the alarm panel means you're always on, even if there's a power cut.

# What is the right solution?

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Finding right solution can be very confusing.

In addition to Redcare, there are a number of other suppliers that can provide different solutions

G4S can advise on best options to minimise disruption and future proof your customers' investments.

# What Do I Do Next?

- Consider alarm services you use
  - Will they work on All IP Network?
  - When do they need to change over?
- **PLAN - There is a lot to do!!**
- Talk to G4S - we are here to help
- Keep informed of when you and your customers' areas will switch over using link on G4S PSTN Migration web area  
<https://www.g4s.com/en-gb/what-we-do/security-solutions/pstn-switchover-explained>



# Where do I go?

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## Contact G4S:

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Or visit our dedicated G4S PSTN Migration Explained web area at :

<https://www.g4s.com/en-gb/what-we-do/security-solutions/pstn-switchover-explained>



**Questions?**