

# CONNECTING COMMUNITIES

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# ABOUT GIGACLEAR

# WHAT WE DO

Founded in 2010, we've been working closely with rural communities across the country to bring ultrafast fibre broadband where it's most needed. Everything we do is focused on enhancing rural living through increased connectivity.

Gigaclear is principally owned by Infracapital, a leading European infrastructure investor.



# HOW WE DO IT

## We invest in rural communities

We build our networks with commercial investment and through the Building Digital UK (BDUK) scheme in partnership with local authorities.

## We build and maintain the largest rural FTTP network

We plan, design and build the infrastructure necessary to bring full fibre broadband to the most rural communities.

## We provide the UK's fastest broadband

Once built, we offer ultrafast broadband packages to residents and businesses so they can enjoy superior speeds – all day every day.



# CURRENT COVERAGE AREA

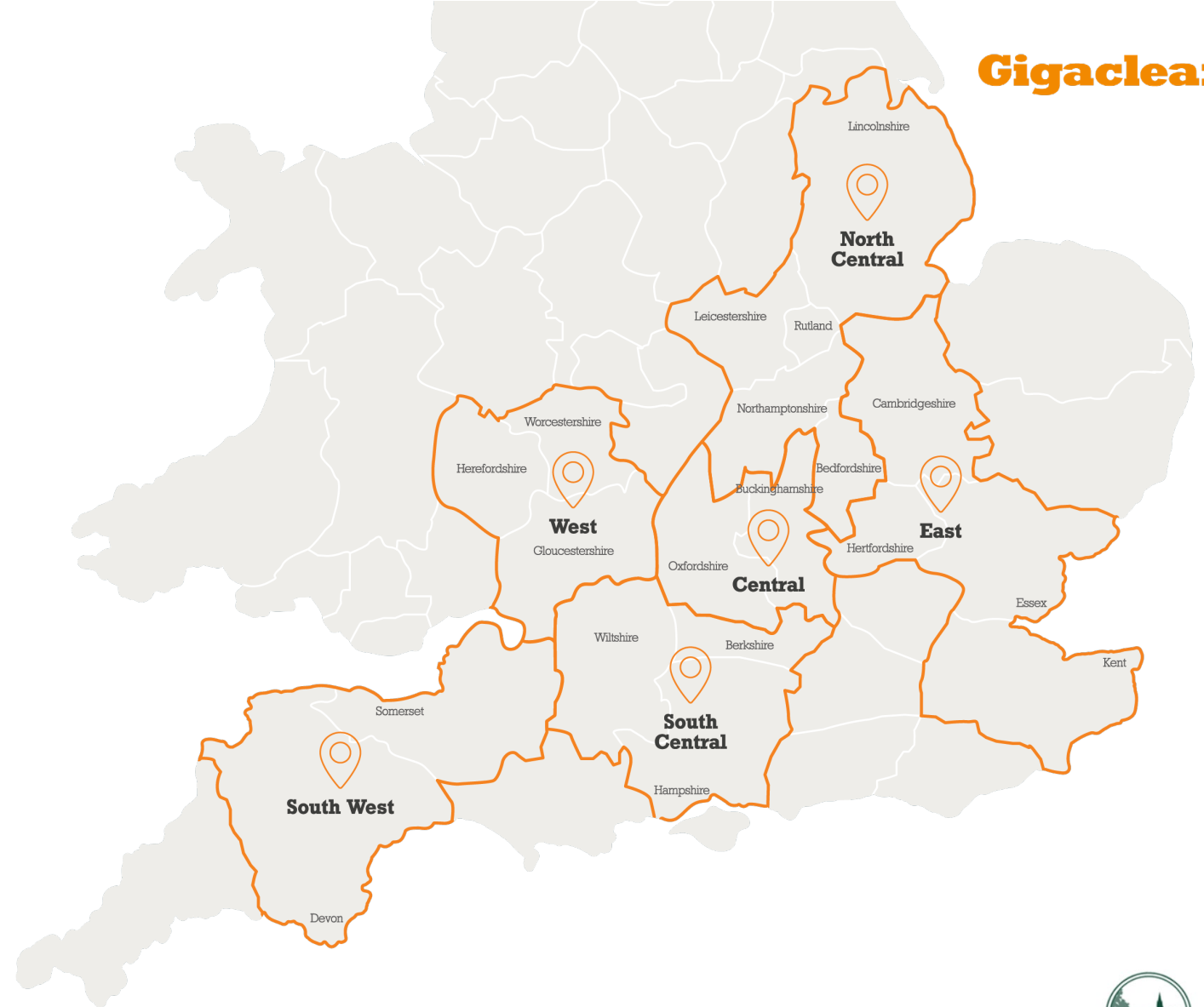
**300+**

Communities now have  
access to Gigaclear

**35,000+**

Customers and growing

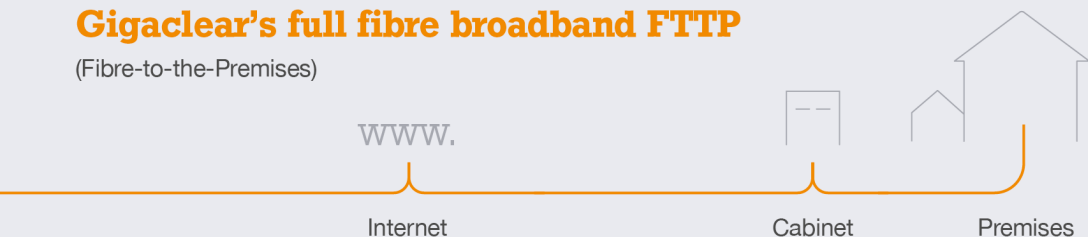
**Gigaclear®**



# WHY FTTP TECHNOLOGY

## Gigaclear's full fibre broadband FTTP

(Fibre-to-the-Premises)



— Full Fibre

**900** Mbps average download speed

**900** Mbps average upload speed



Capable of 'Ultrafast' speeds 1000Mbps (1 Gigabit)



Can transmit data over a long distance – perfect for this type of network



Reliable broadband signal. Ideal for running all your home wireless connectivity



Can handle multiple users with multiple devices



Ability to manage very high bandwidth devices with no buffering

**VS**

## Fibre broadband FTTC

(Fibre-to-the-Cabinet)



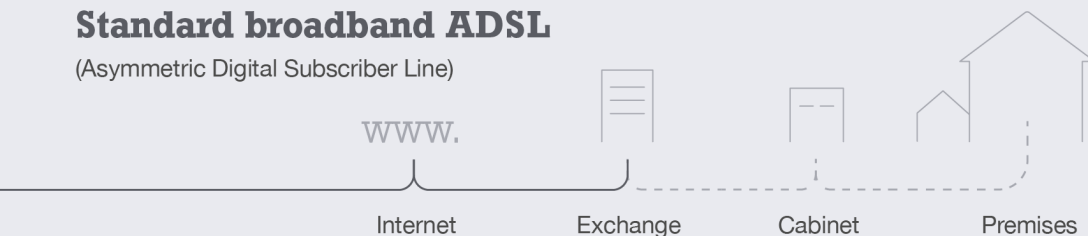
— Fibre  
- - - Copper wire

**80** Mbps average download speed

**20** Mbps average upload speed

## Standard broadband ADSL

(Asymmetric Digital Subscriber Line)



**24** Mbps average download speed

**3.5** Mbps average upload speed

# WHAT THIS MEANS FOR YOU



## FAMILIES

Get everyone online at the same time, without your internet connection grinding to a halt. No buffering when you stream music, movies or gaming and no competition over who gets to go online first.



## HOME WORKERS

Build your own empire or simply enjoy a day working from the comfort of your own home with corporate-quality speed and reliability. Easy access to cloud services and video conferencing makes communicating remotely more reliable.



## COMMUNITY SERVICE

Full fibre broadband delivers benefits to your whole community, including pubs, libraries, surgeries, clinics and particularly schools, minimising interruptions so online resources can be fully utilised.



## LOCAL BUSINESSES

Your business is now on the same digital playing field as your biggest competition. Just being online gives you access to productivity tools and video conferencing to help uncover new opportunities, better serve your customers and contribute to your business development.



## ONLINE SHOPPING & BANKING

Take advantage of the convenience of online shopping portals. Manage accounts, pay bills and transfer money online.



## KEEP IN TOUCH

With ultrafast speeds you can utilise online messaging tools to video call friends and family. These services are free and easy to use and help keep people in touch in today's online world.

# HOW WE BUILD YOUR NETWORK

**Gigaclear®**





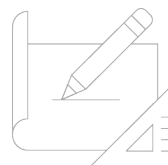
# THE BUILD JOURNEY

Below is an outline of the key stages involved in delivering ultrafast full fibre broadband to your community.

Stage 1  
**Planning**



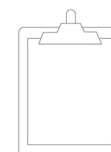
Stage 2  
**Design**



Stage 4  
**Mobilisation**



Stage 3  
**Validation**



Stage 5  
**Build**



**Live!**



# NETWORK ACCESS AGREEMENTS

A Network Access Agreement is a consent that Gigaclear require to install and keep equipment on privately owned land.

We design our network using as much public land as possible, such as verges, footpaths and roads.

In some instances, the network design will need to cross privately owned land to connect the network. In this instance we write to request permission for such work to be carried out.

If you have received a Network Access Agreement, it is because we are requesting permission from you to install and maintain fibre optic equipment on land that you own.



# Hurley (Remenham) – Up Close

- The current design for Hurley covers a total of 701 properties.
- It connects to Warren Row to the South (in build since January) and Bisham to the East (in design validation).
- Nearly 29,736 meters of trenching to be dug and reinstated.
- Hurley build covers Hurley itself, Frogmill, Remenham Hill, Remenham and Aston.
- Work was scheduled to begin in Q3 2020 (July) but due to contractor resourcing this did not happen. As such Gigaclear are currently redesigning the whole area, to maximize potential.
- Remenham PC also requested that additional properties were added onto the design at the Junction of White Hill and Wargrave Road (South until Hennerton) and from the main road south (Noble Barn, Brick barn etc.)
- The design is yet to be validated by our contractors Trenchut, but it was released to them before Christmas so we should receive it back this month. The current designs are subject to change depending on these validations.

## BUILD

To install the network we physically lay the fibre cables, in ducting, in the ground – either in verges, roads or foot paths.

Where possible we try to use minimally invasive methods, such as narrow trenching.

During this part of the build process there may be road closures and possibly diversions in place to allow our teams to work safely.

We will notify you before works start by letter. Our contractors will notice road closures by letter, and with early warning signs.

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# TOOLS OF THE TRADE

Connection Pot (Flush)



Connection Pot 2



Access (Active) Cabinet



CDC Cabinet



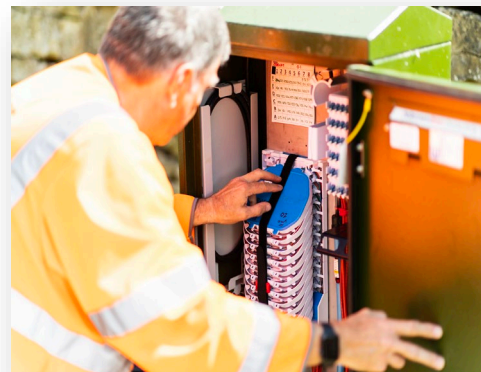
Multi Ducting



Fibre Straw



Open Cabinet





# WORKING WITH OUR CONTRACTORS





# REINSTATEMENT

- We will reinstate all verges, pathways and roads within 6 months of completing the build.
- Reinstatement may be dependant on weather, materials, location and type of reinstatement required.
- Everything disrupted by our works will be reinstated to Highways Authorities and Utilities Committee Standards.



## HELP AND SUPPORT



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**[gigaclear.com](https://www.gigaclear.com)**