

Delivering ultrafast fibre broadband to rural communities

Brought to you by:

Gigaclear
Ultrafast Fibre Broadband



WEST OXFORDSHIRE
DISTRICT COUNCIL

Gigaclear and Connecting West Oxfordshire are bringing you the UK's fastest broadband*

Connecting West Oxfordshire is a local government-led programme which will be connecting 4,600 homes and businesses with ultrafast broadband.

The programme is jointly funded by West Oxfordshire District Council (WODC), rural broadband specialists Gigaclear and Broadband Delivery UK (BDUK), part of the of the Department for Digital, Culture, Media and Sport.

To find out more about this partnership, visit
gigaclear.com/connectingwestoxfordshire

Up to 1Gbps directly to you

If you have broadband via your telephone line today, your existing download speed will be anything up to 30Mbps but it could be a whole lot faster. With the full fibre network that Gigaclear is installing under contract to West Oxfordshire District Council, you could enjoy upload and download speeds as fast as 1Gbps (1000Mbps) and the ability to work, stream and share when and how it suits you.

Fibre all the way

Whereas other providers primarily deliver fibre to the cabinet and then copper cabling to your property, Gigaclear's broadband is full fibre all the way. Installing fibre from the exchange to your home or business premises is what makes these incredible speeds possible.

* Based on Think Broadband's May 2017 Speed Test

Ultrafast, full fibre broadband with the community in mind

Gigaclear work with rural communities to enhance rural living through increased connectivity. From planning the works to communicating with your community, we work with you to ensure that everything runs smoothly – and everybody knows what's going on.

We only dig once

We install an underground fibre connection at every property we pass during our works. If a homeowner or local business decides not to take the service when it first launches but changes their mind six months later, we can set them up without disrupting the neighbourhood.

With care for the natural environment

Our entire network is installed underground. The only visible items are a small green cabinet installed somewhere central to the network and a small connection point (similar to an outdoor water stop valve) at the boundary of every property.

Future proof

Our fibre is designed to be in the ground for 50 years, meaning that the network will be fit for future generations.

With the community in mind

We only work with rural communities, so we understand both the joys and the challenges of being 'out of town'. Everything we do is designed to enhance rural living through increased connectivity.

The new rural lifestyle

With Gigaclear's singular focus on bringing ultrafast, full fibre broadband to rural areas, your community could be enjoying all the benefits of the countryside alongside broadband connectivity surpassing that of your nearest major town or city.

Local businesses

Encourage in-bound investment and entrepreneurialism by removing location as a barrier to profitability.

Full fibre helps local businesses thrive by creating a network infrastructure and online presence to rival city counterparts – boosting the local economy.

Rural retirees

Pursue long-held ambitions, lead community campaigns or simply stay in touch with friends and family using our ultrafast, always-on connection that brings the world to your door.

Families

Stream movies at the same time as watching TV on demand, upload and download homework and use multiple mobile devices without any degradation in performance or increase in the price of your plan.

Entrepreneurs and working from home

Whether building a kitchen table empire or simply enjoying some flexibility, working from home becomes rewarding with speeds that are as fast and reliable as a corporate network.



Not all broadband is the same

With a plethora of broadband offerings available, it can be challenging to choose the right provider and time consuming to review network diagrams produced in different formats.

We believe in making things easy, which is why we've put together a basic outline of the broadband options that you're likely to be presented with, along with the speeds you could expect to achieve.

As a starting point, it's worth knowing that the current average UK residential broadband speed is 36.3Mbps. For rural areas, this figure is likely to be significantly less.

Key:



Internet



Exchange



Cabinet



Telegraph



Copper Cable



Coax Cable



Splitter



Fibre Cable

Standard broadband (ADSL)

This is what you're likely to have now. It comprises of copper all the way from the exchange to your property.



Up to
24Mbps
download speeds

Up to
3.5Mbps
upload speeds

The actual speed received will depend on the property's distance from the cabinet.

Fibre broadband (FTTC)

This is what you may have been upgraded to e.g. BT Infinity. It comprises of fibre to the cabinet then copper wiring to the property.



Up to
76Mbps
download speeds

Up to
19Mbps
upload speeds

The actual speed received will depend on the property's distance from the cabinet.

G.FAST broadband

Comprised of fibre to the cabinet then copper wire and 'G.Fast' signalling to the property.



Up to
330Mbps
download speeds

Up to
50Mbps
upload speeds

The actual speed received will depend on the property's distance from the cabinet.

G.PON broadband

Comprised of fibre to the cabinet then fibre to the property via passive splitters, overhead and underground cabling.



Up to
330Mbps
download speeds

Up to
30Mbps
upload speeds

DOCSIS broadband

Fibre to the cabinet with copper coax cabling and DOCSIS signalling to the property.



Up to
300Mbps
download speeds

Up to
20Mbps
upload speeds

Full fibre broadband (FTTP)

Fibre to the cabinet then fibre directly to the property.



Up to
1000Mbps
download speeds

Up to
1000Mbps
upload speeds

Speeds are unaffected by distance.

Only one full fibre broadband provider

A straightforward ultrafast full fibre connection, straight to the premises.

Up to
1000Mbps
download speeds

Up to
1000Mbps
upload speeds



Nothing but fibre

Ever wondered why it can take so long to upload files? Upload speeds for mixed copper + fibre broadband services will not be the same as their download speeds. Full fibre (FTTP) gives you the same speed both ways.

Ultrafast broadband

At 1000Mbps, Gigaclear offers a significantly faster service than traditional copper phone lines and mixed copper + fibre offerings.

No more rental costs

The ability to break free from fixed phone lines and save on line rental costs. With no need to maintain a landline to access broadband, households can now go fully digital.

The rural community

Full fibre broadband enables community interest groups, charities, and local services such as schools and surgeries to communicate more quickly, reliably and effectively to better serve the people of the community.

Rain or shine

A service that is unaffected by weather or distance. No more peak time crashes or outages caused by storms. Every house, regardless of proximity to the exchange, can enjoy the same ultrafast speeds all day, every day.

Transparent pricing

Predictable billing. The price of the package is fixed whether you stream ten films a month or a hundred, and whether you're using one device or four. All you pay for is the speed of the service – not how much you use.

The Gigaclear story

Working in partnership with county councils across the UK, Gigaclear is committed to helping hundreds of thousands more people in the most beautiful parts of Britain to open up their online world.

Gigaclear was founded in 2010 and is the brainchild of Matthew Hare. Living in rural Oxfordshire, he experienced first-hand how the investment priorities of major network operators meant that villages and small towns were denied the opportunity to benefit from advances in broadband technology.

Having sold his previous communications business, Matthew focused his efforts on fixing the issue of poor countryside connectivity by bringing new full fibre broadband technology to rural communities. Today Gigaclear delivers the UK's fastest broadband* to more than 50,000 rural homes and businesses via its world beating fibre-to-the-premises ("FTTP") service.



Want to know if
ultrafast broadband
is coming to you?

Check online and register for updates at
gigaclear.com/our-communities

Changing lives with ultrafast broadband

– how one rural West Oxfordshire community took the initiative themselves

After years of experiencing slow internet speeds and patchy connections, Oxfordshire residents in Northmoor, Moreton and Bablockhythe can now celebrate having one of the fastest and most reliable broadband services in the country.

This was achieved three years ago after the community successfully submitted their own bid for funding from the government's Rural Community Broadband Fund.

They chose Gigaclear to install its ultrafast Fibre to the Premises technology.

Parish Chairman- **Graham Shelton** was at the forefront of the Northmoor broadband project. He said:

“Full fibre broadband to every property has transformed village life in Northmoor. Many people now work several days a week from home and that would never have been possible before. Similarly, online shopping, homework, emails, Netflix and Facebook are all done routinely instead of exotic things that could only be done in town.

Many people like me have done away with their old landline telephone in favour of internet telephone which is very clear and very cost effective. Some are able to boost their mobile signal via the internet too.

Through the great collaboration we had with the District Council and Gigaclear, we have achieved a huge boost for our very rural community.”

We're even helping Springwatch bring the British countryside into the homes of millions of viewers by turning a Gloucestershire barn into one of the most connected places in the UK.

To read these stories and more, visit gigaclear.com/news/latest-projects

Around the same time ultrafast broadband was being installed in Northmoor, the village pub was also re-opening, having been bought by the local community.

Landlord **Ian Neale** said ultrafast broadband has been hugely beneficial for his business:

“Without it, our only option would be a home hub system which only gives 3Gbps at the best. We need broadband for financial transactions, general correspondence and posting on social media. It is also a great asset for our customers who appreciate having access to fast, free broadband- which they don't always expect to find in country pubs.”



Cllr Colin Dingwall, Cabinet Member, West Oxfordshire District Council said:

“Being digitally connected is now part of everyday life and essential for businesses if they are to survive and remain competitive and Northmoor is a great example of how ultrafast broadband is benefitting this very rural community.



We want more communities to have the same level of broadband access enjoyed by Northmoor. And, despite West Oxfordshire being one of the most rural districts in the South East, we have always aspired to achieve this and believe that by partnering with Gigaclear, this is within our grasp. The company has extensive experience and an exemplary track record of delivering many successful rural broadband schemes.”

Ultrafast broadband for rural Britain

For more information go to
gigaclear.com/connectingwestoxfordshire



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BRITAIN**

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