

CityFibre

**Building a world-class  
digital infrastructure  
platform for the UK**



# Our nation is more reliant on digital infrastructure than ever

**This year has highlighted the vital importance of good connectivity for everyone in the UK.**

Over the course of it, almost every person has become more demanding of the networks that serve them, more comfortable in their use of a wider range of applications and, understandably, far less tolerant of poor network speed or availability.

As the technology in our homes and businesses gets smarter and AI and IoT innovation gathers momentum, these demands will keep on rising. Connectivity will become increasingly critical to how we make plans and decisions and how we deliver and consume services.



# We're investing £4 billion to serve 30% of the UK

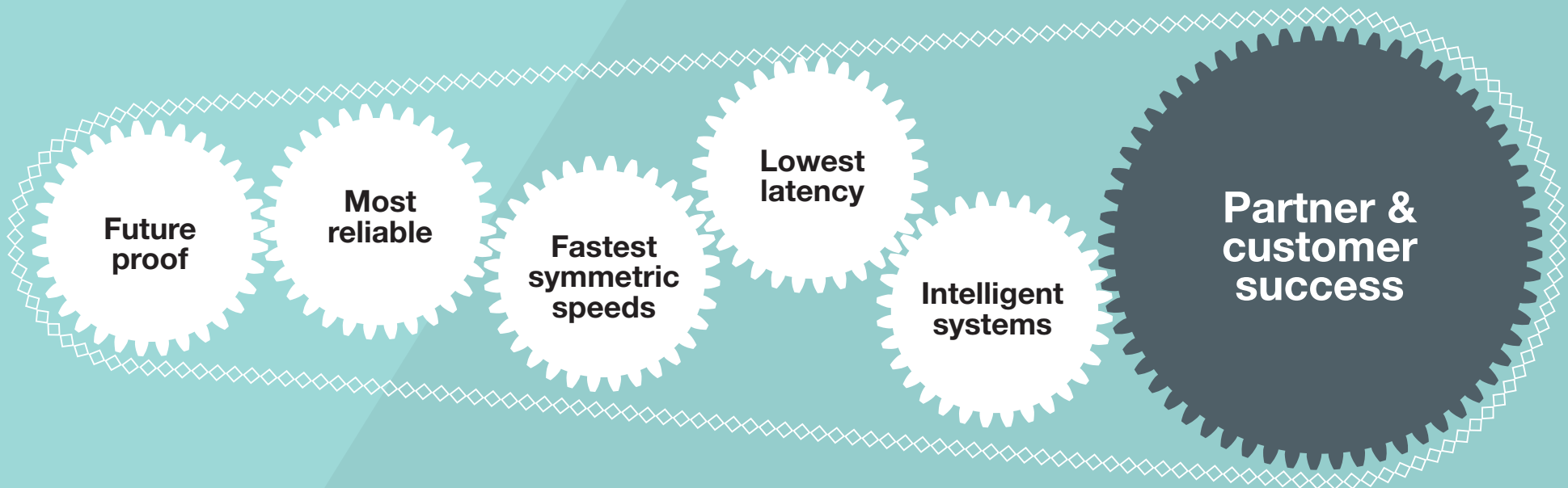
The world class, full fibre, gigabit-speed networks we're building are open access and future proof. They bring fresh wholesale choice for regional channel partners, carriers and national ISPs, including Vodafone and TalkTalk. They also provide a backbone infrastructure for 5G deployments by mobile operator customers like Three.



# But we're more than just another fibre infrastructure business

As we enable the UK's digital future street by street, city by city, we're focused on taking the potential from our networks, systems and people and using it to set new standards in our industry for speed, reliability, value and customer service.

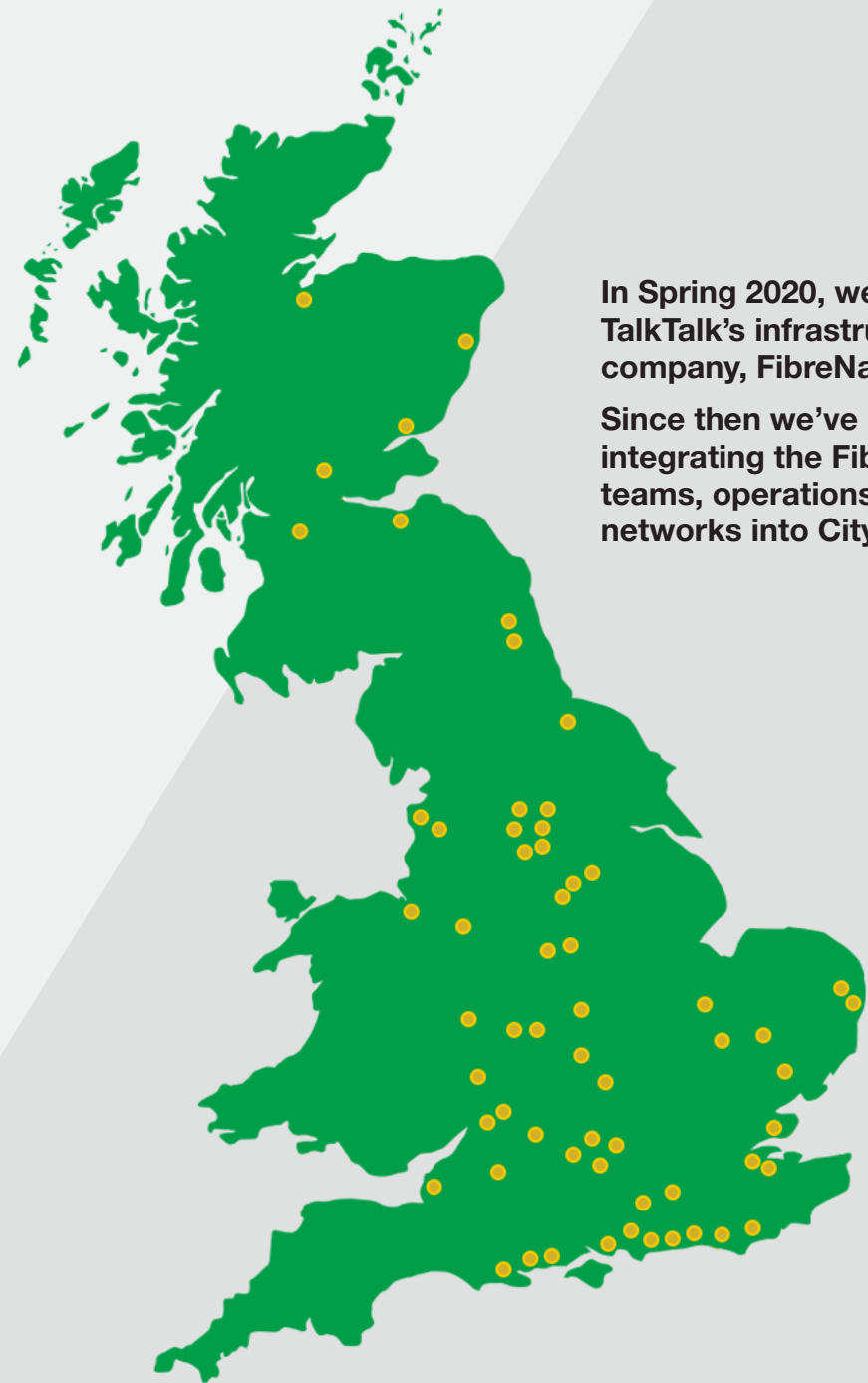
Building networks, services and relationships that stand the test of time and help our suppliers, partners and customers – as well as our own people – be successful, lies at the heart of everything we do.



# We're on target for 8 million premises

With 67 locations already named, and our physical build well underway, we're on track to unlock opportunity nationwide.

Aberdeen	Chichester	Inverness	Preston
Adur & Worthing	Christchurch	Ipswich	Reading
Barnsley	Coventry	Knaresborough	Ripon
Bolton	Crawley	Leeds	Rotherham
Dewsbury	Derby	Leicester	Sheffield
Batley	Dewsbury	Littlehampton	Slough
Bath	Doncaster	Lowestoft	Solihull
Blackpool	Dundee	Maidenhead	Southend
Bournemouth	Eastbourne	Middlesbrough	Stirling
Bracknell	Edinburgh	Milton Keynes	Stoke on Trent
Bradford	Gateshead	Newcastle-upon-Tyne	Swindon
Brighton & Hove	Gillingham	Norwich	Weston-super-Mare
Bognor Regis	Glasgow	Northampton	Wolverhampton
Bury St Edmunds	Gloucester	Nottingham	Worcester
Cambridge	Halifax	Peterborough	York
Chatham	Harrogate	Poole	
Cheltenham	Horsham	Portsmouth	
Chester	Huddersfield		



In Spring 2020, we acquired TalkTalk's infrastructure company, FibreNation.

Since then we've been busy integrating the FibreNation teams, operations and networks into CityFibre.

# We're accelerating build, citywide and nationwide



By using modern underground and overground build techniques we're now deploying network faster than ever; accelerating benefits for entire communities. The key to much of today's rapid deployment is the early metro spine networks that we pre-designed and built ready for citywide expansion.

CityFibre is in the process of awarding an additional £1.5 billion of construction contracts.

With our rollout scaling fast, we've now appointed Bechtel, one of the world's leading engineering, construction and project management companies to ensure the delivery of our national build programme.

## 1. Select & design

- Town/city identification
- Future proof capacity planning
- Whole city design - one network to serve all

## 2. Mobilise build

- City engagement/marketing
- Workforce recruitment
- Planning/automation
- Construction management

## 3. Connect

- **Homes:** Open access to all ISPs
- **Businesses:** Carriers, ISPs, Resellers
- **Public sector:** PSNs, smart city estate
- **Mobile/5G:** Macro sites, Small Cells

# Our networks serve critical sites and needs

As well as bringing gigabit speed services to homes and businesses, we serve thousands of critical healthcare, education and community sites across the UK. This includes hospitals, GP surgeries, care homes, community buildings, schools and council offices.

In residential streets, our network keeps families connected and empowers legions of people to work effectively from home.



Homes

Mobile/5G

Businesses

Public Sector

Smart City

# Our full fibre networks are best for 5G

Our underground and overground networks are pre-designed with enough capacity to enable mobile operators to upgrade existing backhaul sites and deploy 5G small cells cost effectively and at high density across entire towns and cities.

We offer:

- More architecture flexibility
- Capacity to meet data demand growth
- Power and control to scale more rapidly
- Flexible, bespoke pricing
- Citywide small cell access points

As Three's preferred backhaul partner outside London, our network is already supporting their mission to be the UK's fastest 5G network for consumers and businesses.





# Our rollout is creating jobs across the UK

In June 2020, we launched a recruitment and training programme to fill up to 10,000 long-term network construction jobs. We're prioritising these jobs for those who live in or near the towns and cities that we've identified for rollout.

To provide the new recruits with the best start, we've partnered with leading UK fibre telecoms training providers and are investing in dedicated facilities to help the next generation of engineers build our world-class networks, right first time.

As we grow, we're taking the opportunity to work with a range of partners to shape a modern, truly-diverse organisation, with inclusivity at its heart.



# We're the carbon-smart choice

Our modern underground and overground build techniques help us minimise the impact of the networks we build; ensuring they become environmentally positive in the shortest space of time.

Once operational, our networks not only require less power than hybrid copper/fibre alternatives, they're also much more reliable – meaning far fewer maintenance vehicles on the road.

Our state-of-the-art fibre exchanges are operated as micro-edge data centres – with 24/7/365 monitoring and full climate and security control.

We measure the power efficiency of all our fibre exchanges and benchmark them against leading UK data centres.

# Delivering the Government's 2025 target in the fairest, smartest way

In 2019, the Government pledged to roll out full fibre nationwide by 2025. Now, as it considers its blueprint for a new economy, delivering this target couldn't be more important.

For the UK to meet the target, the Government's full fibre delivery plan urgently needs to be updated to drive maximum efficiency and accelerate deployment.

It must:

- **Sustain the spark of competition** to maximise commercial rollout and nurture a healthy market
- **Ensure efficient deployment** to achieve maximum coverage, at speed
- **Extend build to the last 20%+ of premises** to ensure rural and semi-urban areas are not left behind
- **Support the recruitment and training** of the large workforce needed to do the job
- **Enable rapid adoption of full fibre** to level up digital opportunity



# CityFibre

**It's more important than ever to renew the UK's aging infrastructure and help our nation secure its rightful place as a world-class digital economy.**

**At CityFibre our responsibility starts with delivering the very best network and enabling our partners and their customers to succeed.**

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Registered office: 15 Bedford Street,  
London, WC2E 9HE, England.

Company no. 09759465.

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CityFibre is based in London and is jointly controlled by Antin Infrastructure Partners and West Street Infrastructure Partners.

CF-CO-0001-18092020