

openreach

A construction worker wearing a white hard hat and a high-visibility vest is shown in profile, looking at a tablet. The tablet displays a network map with various nodes and connections. The background is a blurred construction site with orange safety barriers and traffic cones. A large green circular graphic is overlaid on the right side of the image.

Network connectivity for your commercial developments

Delivering ultrafast, ultra reliable network infrastructure to your site before development begins

Connectivity is an essential utility for any modern business. Openreach fibre infrastructure provides the speed, reliability and flexibility for any and all business needs.

Our network keeps the UK connected, from sole traders and single unit shops, to multinational distribution hubs and blue chip headquarters. More than 28 million homes and businesses across the country are connected via Openreach infrastructure.

Prepare your site in advance

Our Developer Network in Advance (DNIA) product is available for every commercial new site registration, and can help to ensure your sites are ready to connect from day one. DNIA allows the off-site infrastructure build to be completed before development begins. Network is built to the edge of your site in advance with your choice of resilience options, ready to connect as your site progresses.

Off-site build is the most complex part of any new infrastructure build, potentially involving third party planning permission for road closures, city centre civils and more. DNIA mitigates the risk of delays caused by off-site network delivery, ensuring connectivity will be ready when your buildings are completed.

Open access choice for business

We're conscious of how important choice is for any business. As an open access network, Openreach works with hundreds of communication providers. Businesses using your completed sites will benefit from a wide range of broadband and network services.

Ensure ultra low latency, symmetrical upload and download with speeds of up to 100Gbps depending on the chosen product.



Enhance your connectivity with Ethernet Access Direct

Ethernet Access Direct (EAD) replaces the default shared fibre cable with a single point to point fibre cable to your site. This dedicated connection means increased resilience, mirrored upload and download speeds, no shared bandwidth and industry leading SLAs.

EAD can also be used past the site connection point to create a wide area network or single site to site connection. Up to 45km of coverage can be achieved for a radial network, or 86km for a single route.

With EAD you have the choice of two resilience options. A single connection provided over two paths which automatically re-routes traffic in case of hardware failure, or diversely routed connections terminating in different parts of your building.

EAD allows businesses to ensure they've done everything they can to guard against network downtime and potential loss of business when compared to standard Fibre to the Premises (FTTP) network.

	Ethernet Access Direct (EAD)	Fibre to the Premises (FTTP)
Connection Type	Dedicated single fibre cable for your business only	Shared fibre connection with your local area
Speeds	Up to 100Gbps depending on service provider	Up to 1Gbps, some providers moving to 10Gbps
Latency	Guaranteed ultra-low latency	Variable depending on connection, usually no guarantees
Service Level	Business grade SLA, typically 5 hours or less depending on product	Variable by product, but typically next working day
Resilience Options	2 options - single connection over split cables or two circuits with different routing	None
Typical Customer	Corporate and SME companies dependent on high bandwidth	Consumer and residential, single person business
Typical Applications	Energy sector, distribution centres, blue chip tech, public Wi-Fi	Sole traders, business from home

Why Openreach

Tailor-made from day one

We'll build a network that's right for your development and the business clients that will be using it.

A point of contact every step of the way

During the build process you'll always have someone to speak to. From our expert account managers aligned to your industry, to a dedicated engineer and delivery manager supporting your project until completed.

Network expertise

We manage more than 254 million km of network across the UK and we're trusted to connect the largest infrastructure projects in the UK.

Start your order

It's never too early to get in touch. All you need to register is a site and location plan.

Visit the link below to register your commercial site and begin your order journey. Our commercial experts will be in touch to discuss your options and answer any questions you have.

developers.openreach.co.uk

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