



Go bigger with Wholesale Optical

Bandwidth usage is rocketing. And demand is only heading in one direction. It's time to give your customers what they need today and tomorrow.

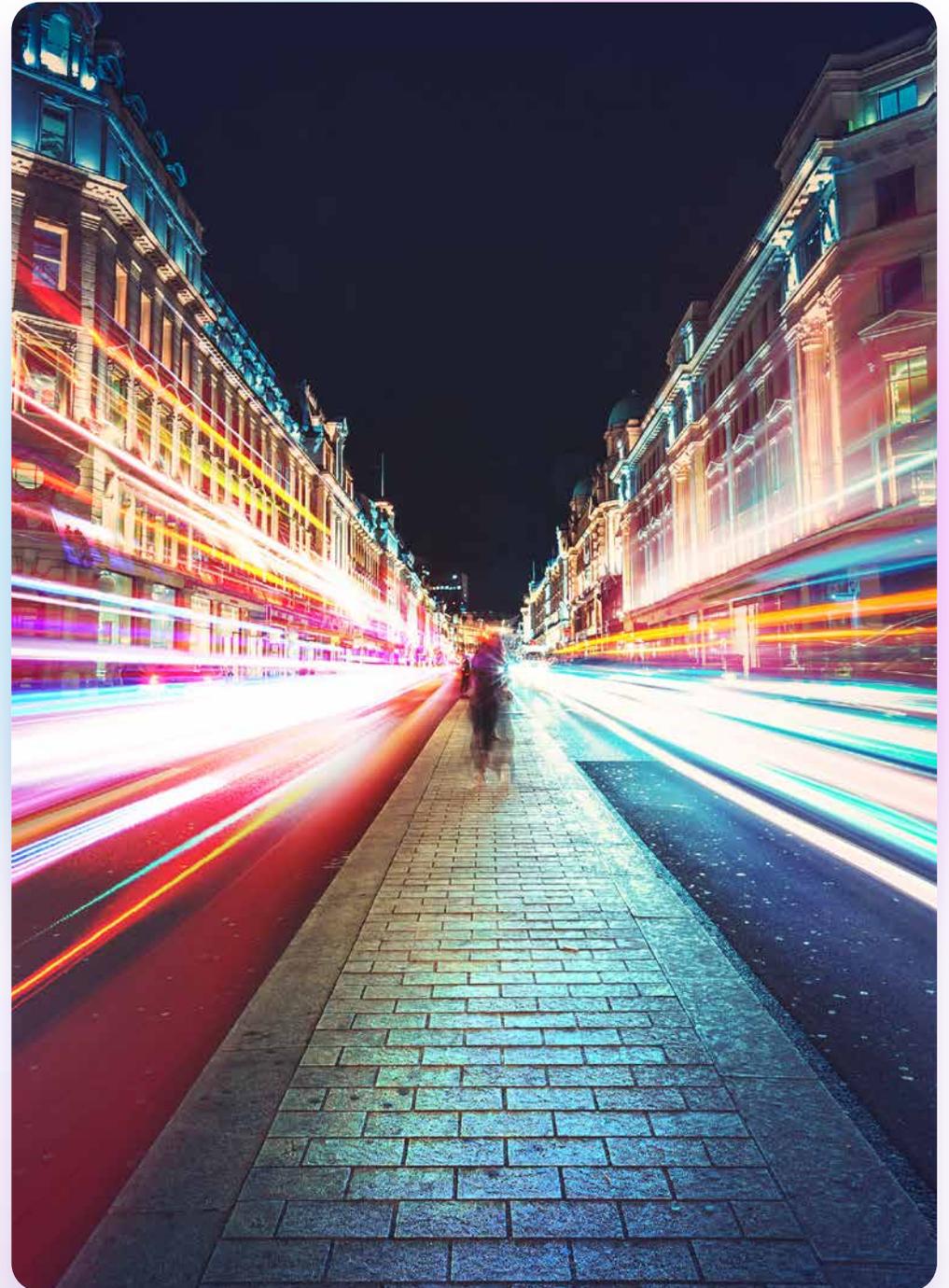
Unleash the power of Wholesale Optical

Our high bandwidth connection can reach a massive 400Gbps across the UK. That means big opportunities for you to offer greater value to customers, bid for bigger projects, be future-ready and grow with the demand.

Your networks are the lifeblood of your business – and your customers' businesses. But with a surge in multimedia, cloud apps, AI, IoT and more, you need to keep them flowing.

How? With a network that covers the whole of the UK. One that comes with exceptional levels of resilience and capacity – guaranteeing high speeds, the lowest latency and the best performance compared with alternative network services like Ethernet or IP VPN.

It's time to super-size your digital transformation and help your customers do the same – with Wholesale Optical.





Speed past your competitors

Your customers get a dedicated route through our 21C network. That means they can enjoy the best connectivity available today, which will never be compromised by sharing, switching or contention.

You can offer a range of connectivity options:

- Fibre (EAD) access up to 10Gbps.
- Fibre (OSA) access up to 100Gbps.
- Fibre (OSEA) access up to 400Gbps.
- On-net handover in a range of third-party UK datacentres and BT exchanges up to 400Gbps.

Plus:

- High bandwidth Ethernet – nx10GE, 40GE and 100GE.
- Fibre channels of 8G and 10G.
- Optical transport options of OTU2, OTU2e and OTU4 available.

Its flexible design gives you scalability from 1 to 88 wavelengths. There are loads of usage possibilities too. Deliver wide area networks for your enterprise customers. Boost resilience for your customers through your existing fibre core network. Improve your datacentre connectivity. Or expand your existing network into other geographical areas you want to do business in.

That's because our network is available to any part of the UK, including Northern Ireland and the Isle of Man. The opportunities are as big as the connection.

Plus, to simplify connectivity with your network and reduce costs, we're on-net at key colocation datacentres and exchanges.

Tailored for you

Our optical services give you secure, high speed data circuits using dense wavelength division multiplexing (DWDM) technology. DWDM allows each optical system to be split into a number of high bandwidth wavelengths. That means you can specify the number of wavelengths per optical system you need, and choose interfaces needed to connect your own equipment.

Future-proof technology

With Ethernet LANs, fibre channel, FICON for storage networks, SDH WAN connectivity interfaces and transparent transmission, Wholesale Optical services carry almost all protocols, making them ideal for your current and future applications.

Support you can count on

Thanks to our 24/7 service desk, you can be sure your network is monitored and supported by an experienced nationwide field force, every day of the year. In the unlikely event of a problem, we'll have engineers at your site with parts to carry out a repair within a five-hour target SLA.

Grow as big as you want

Wholesale Optical is super resilient. And has a few choices of service delivery:

- **Standard:** 99.7%
- **Diverse and Diverse Plus resilience (including R02):** Up to 99.999%

Our network is the only one in the UK to offer up to 99.999% availability. It has a proven bandwidth of up to 32Tbps per fibre on our new 400Gbps technology and has been designed to grow as your business does. So you can easily move forward with cloud-based business applications and increase network capacity as and when needed.

The best part? You don't have to invest in any expensive infrastructure. We've already done it and will continue to do so, leaving you to focus on looking after your existing customers – as well as attracting new ones.

Take advantage of big benefits

The UK relies on us, and so can you

Our network is designated as Critical National Infrastructure. And for even more peace of mind, it's ISO27001 accredited too.

Guarantee peak business performance

Wholesale Optical offers the lowest latency of any connectivity type, delivering near zero-packet jitter and packet loss.

Go big and nationwide

Our network of optical fibre routes and diverse routing options enable us to deliver high bandwidth connectivity to any part of the country.

Respond fast to demand

Our variety of connectivity solutions lets you adapt quickly, so you can deliver services more efficiently and keep your own digital transformation on track.

Give your customers what they need

Your customers will love Wholesale Optical, especially those who want high-bandwidth, low-latency solutions for projects such as:

- Core network extension/backhaul.
- Large-scale disaster recovery.
- Storage replication.
- Cross-site virtualisation for datacentres.
- Connecting datacentres.
- Cloud application enablement.
- UHD multimedia.
- Real-time TV transmission.

Find out more

Call: **0800 671 045**

Email: clientreception@bt.com

Visit: btwholesale.com/optical

Offices Worldwide

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March 2024

