



*High speed fibre optic
broadband connectivity.*

The future of connectivity.

Waiting for a slow Internet connection can be frustrating, time consuming and ultimately cost you money. With York Data Services, we offer the solution to your Internet connectivity problems with our super fast fibre optic broadband. We have helped hundreds of businesses to improve their connection to the Internet so that they can quickly access their emails, shared servers, browse web pages at lightning speed and keep on top of the day to day running of a successful modern business.

Monitoring where it counts

Every aspect of our fibre optic broadband service is monitored around the clock. The pro-active monitoring and management of all communication links is essential to ensure a high quality experience at all times. Identifying any networking issues before they become a problem enables us to take preventative action if required, before it it causes any serious impact.



Extending our reach



We can deliver fibre optic broadband to almost any location across the UK within a 25 mile range of one of our points of presence. However, there can be situations that mean final delivery of the connection requires new underground ducts to be laid into your premises. York Data Services can complete this work quickly with minimal disruption and visible impact to your surrounding landscaping, driveways, roads or car park areas. A preliminary site survey will highlight these requirements prior installation.

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Just how fast can it be?

As we only use fibre optic networking, our connections run at the speed of light. Each wave length is capable of operating at 2.5Gbps (around 300 times faster than a copper cable 8Mbps broadband connection) and doesn't suffer from speed degradation the further from the exchange you are located. Even greater connectivity speeds can be achieved by combining multiple wave lengths. Whatever your demand for connectivity, we can exceed it.

The benefits to business

Every business, office building or business park has different data requirements for their individual business or tenants' businesses to function. By using many different companies to provide these services, you could end up spending more on something which doesn't even meet yours or your tenants' needs.



Using York Data Services fibre optic broadband, the business benefits are huge and include the following:

- You will have a UK wide communications network, supporting connection to our data centres and between offices.
- You will receive sophisticated network monitoring and alerting to ensure maximum network availability so connection issues can be dealt with before they result in downtime.
- The network has been built using world-class components including Cisco routing technology so you have the reassurance that we're using the highest quality components to supply your connection.
- The network has multiple connections to global Tier 1 service providers to ensure your connection will remain connected even if one of the providers suffers from a network outage.

The techie bit.

At York Data Services we use **M**ultiprotocol **L**abel **S**witching (MPLS) networking which integrates Layer 2 information about our network links (such as bandwidth and utilisation) into Layer 3 (IP) in order to simplify and improve IP-packet exchange (which is the method by which data is sent from one computer to another on the Internet).

MPLS provides a robust high speed networking solution that gives network operators a great deal of flexibility to divert and route traffic around link failures, congestion and bottlenecks. You remain connected with a higher **Q**uality of **S**ervice (QoS) and all together better user experience.

The risk of network outages is therefore significantly reduced which ultimately means less risk of lost time and money for your business. Your Internet connection will stay connected and stay fast.

How does it work?

Across the UK there is a fibre based core network with 96 access points that connect each point to the rest of the Internet. To connect to the core network, York Data Services connects additional fibre circuits to these **P**oints of **P**resence (POPs) to provide a connection for data services such as web browsing, email and Voice over IP telephone calls.



Why choose York Data Services?

York Data Services is one of Yorkshire's leading business ISP's. By working with the UK's largest infrastructure providers, we supply high speed fibre optic broadband Internet connectivity from 137 locations across the country. Our entire service, from Internet connection through to the final configurations, has been designed with flexibility in mind for you and your business. You will experience a smooth installation process with as much assistance from us as you require making the move to us a seamless experience.

We cater for both large and small businesses and we are able to work alongside any existing features that are already installed. All customers benefit from our flexible pricing structure so that you only buy the services you really need.



With our high speed fibre optic broadband solution, we install the entire service for an initial fee followed by a monthly or annual maintenance charge (if applicable). The bandwidth charges are specific to your chosen Internet connectivity package which is tailored to your exact business needs. You also benefit from the flexibility to upgrade and downgrade your Internet package as your business requirements change.

The next step

With York Data Services you can benefit from a completely managed solution to your Internet connectivity requirements.

If you would like to discuss these benefits further then please contact us. We would be happy to show you how our broadband service can work for you and your business now and in the future.