

Fixed Wireless Access – business connectivity solutions

A new 10Mb/s Guaranteed Performance internet service for business is now available in your area

You may not be aware of this exciting new service providing guaranteed performance, high speed symmetrical internet connectivity just for business. There are none of the obvious signs you might expect, we don't dig up the road, nor do we use congested and ageing underground cables.

Businesses in your immediate vicinity are already enjoying the benefits of this new service

Fixed Wireless Internet Access is delivered direct to your premises via dedicated wireless links using the latest and most secure technology. This enables us to match the performance of expensive leased lines with a more price competitive and flexible service. We offer symmetrical broadband connections with a range of guaranteed speeds including 2Mb/s, 4Mb/s 10Mb/s and right up to 100Mb/s, so the same high speed is always available for both uploading and downloading.

Cost Savings

If your business is already using a leased line or LES connection and you need to stretch the IT budget a little further. Or if you are considering increasing current capacity or upgrading to a business class SDSL and want to make the right choice for your business internet connectivity. Contact us to learn how our service delivers guaranteed performance connectivity, supports demanding business applications and will provide cost savings on your existing renewal or new connection quote.



Key Features

- » Symmetrical bandwidth options at 2Mb/s, 4Mb/s, 10Mb/s & 100Mb/s
- » Guaranteed performance & bandwidth
- » 'Burst' to double your contracted speed*
- » 1:1 Contention
- » Independent of BT Openreach for delivery and support
- » 15 working day lead time from site survey*
- » Rapid bandwidth upgrades
- » Low latency, ideal for VoIP applications
- » Ethernet presentation to the LAN
- » 24 hour, 365 days technical support

Fast



Symmetrical broadband connections at contracted speeds **2Mb/s to 100Mb/s** backed by a **99.5% SLA**.

Guaranteed



With our **Service Level Agreement (SLA)** you are assured of your contracted bandwidth.

Secure



Broadband internet that uses **128 bit AES security** for critical business applications.





Primary Connection

On-Communications have developed services specifically as the primary connection method for business critical applications, including VoIP, VPNs, access to hosted applications and e-commerce solutions.

Diverse Backup

The same services are also available on our “Diverse Backup” tariff offering a combination of low monthly rentals and usage based billing. This provides a highly cost effective and truly diverse routed back up connection for cable delivered leased line and LES circuits. With no risk of cable damage from utility or road works, the solution is monitored by our Network Operations Centre every minute, giving the assurance that it will be there when you need it.

Temporary Services

With no need for street cabling, FWA rapidly deployed on a temporary contract will maintain project plans, when the installation of a new traditional cable or fibre delivered service is delayed. Services can be provided on short term contracts to cover building works, office moves or other temporary projects and special events such as exhibitions and conferences.

Point to Point Connections

FWA technology can also deliver high performance point to point connections for WAN solutions between local offices and within campus environments. Such services are provided on an independent 100Mb/s bearer that is available for any business application.

Burst when you're busy

Every business has its peak periods, so our service allows you to ‘burst’ at up to double your contracted speed during yours at no extra charge*. So, if your contracted speed is 2Mb/s, during your busy times you will be able to access up to 4Mb/s.

Independent

Unlike many others, our service is entirely independent of BT Openreach’s network of exchanges and underground cables. Using a dedicated wireless link, allows us to provide a more flexible and resilient service that can be installed in less than 15 days.

Guaranteed

Our service provides guaranteed performance with symmetrical bandwidth always available at your contracted speed. For your complete peace of mind, we provide a 99.5% Service Level Agreement (SLA), 24 hour technical support and our UK-based customer service centre.

Secure

Our network is highly secure and employs 128 bit AES encryption as used by the US Government and line of site point-to-point directional antennae, which totally eliminates the possibility of copper or fibre cable tapping and gives your business data that additional protection.



Case study – Systech Group, London



Profile

Systech Group is a global provider of specialist contracts, commercial management, quantity surveying, claims preparation and dispute resolution services for major construction and infrastructure projects.

Established in 1990, the group now employs over 500 people across five continents. In the UK, Systech operates from its **Head Office in London** and a number of UK Regional Offices. Systech is involved with projects from concept through to completion in all aspects of major UK and international construction and infrastructure developments.

The company's portfolio includes such significant projects as Wembley Stadium, Channel Tunnel Rail Link, Sellafield and West Coast Mainline. Systech has been involved in planning the main terminal building for **Heathrow T5** and the preparation of tenders and contracts for the **2012 Olympics**.

Challenge

Operating from the heart of central London, Systech's busy UK Head Office team are reliant on their Internet connection for sending and receiving critical project information, and communicating across geographically diverse project teams via email.

The company used a traditional SDSL connection to the Internet, but actual performance of the **SDSL service fell far short** of the advertised 2Mb, as a consequence incoming and outgoing business critical **emails took too long** to arrive at their destination.

The problem was compounded for Systech's mobile workers, because the actual SDSL **upload bandwidth was even less** than that available for download. This severely limited Mobile workers' effectiveness as they could not consistently remotely connect to the company's network and servers, accessing information they needed in real time.

Solution

Wireless internet service provider On-Communications was able to help, replacing Systech's SDSL line with its own built for business **2Mb broadband service**. Delivered via a dedicated Fixed Wireless Access (FWA) link, the service provides always on, symmetrical bandwidth at **guaranteed speeds** without touching the congested underground cables of BT Openreach. In addition the On-Communications service has the advantage of being able to **"burst" at up to twice the guaranteed speed** at peak times.

The new solution was able to **match the performance** of expensive leased lines with a more **price competitive and flexible** service.



Result

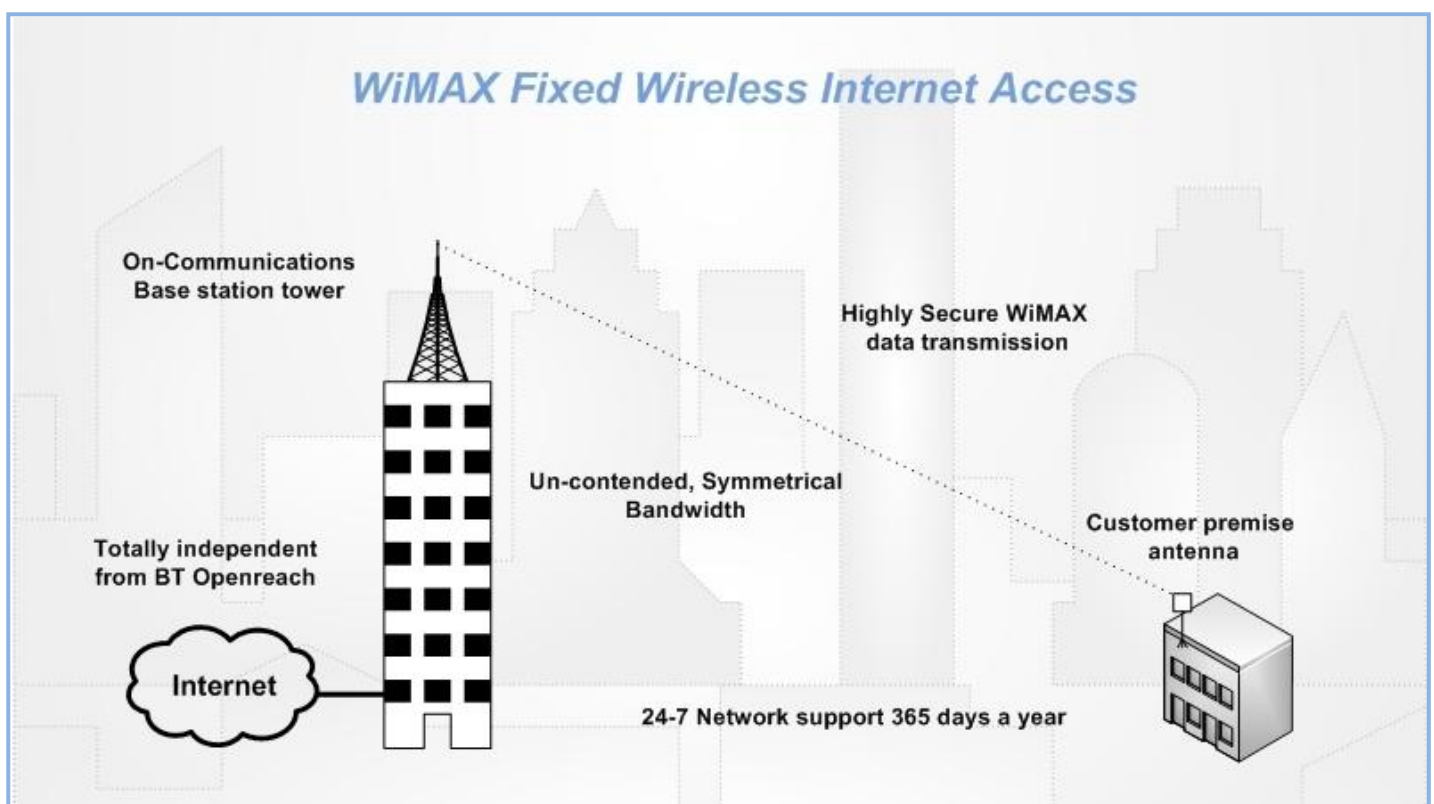
Michael Massingham, Systech's IT Manager said, "On-Communications' service is now our main connection to the Internet. Our head office team is able to **work more effectively** since our Internet connection issues have been resolved and, thanks to the truly symmetrical nature of the service, our mobile workers can enjoy as **equally efficient** a service as our office staff.

"Additionally, On-Communications' service is far more cost-effective; we were paying the same amount of money for an SDSL connection but now have a far superior service. The **impact on our business has been extremely positive**, so much so that we are now introducing On-Communications' service in our regional office in Manchester."

WiMAX Fixed Wireless Access – How it works

Fixed Wireless Internet Access from On-Communications uses Line of Sight (LoS) wireless technology, certified to the WiMAX standard, to deliver a dedicated and secure wireless link from the nearest On-Communications base station tower direct to your premises. This wireless link provides un-contended, symmetrical bandwidth from the customer's network direct to the internet via the On-Communications base tower. This is illustrated in the diagram below.

The way in which On-Communications provides Fixed Wireless Internet Access ensures that bandwidth is always available at your contracted rate. However, for those occasions where you need some additional capacity, the On-Communications service supports "burst" to provide additional bandwidth.



What's different about On-Communications?

We install a small outdoor unit, about the size of a house alarm, at your premises. No planning permission is normally required for this unit*, which we line up with the base station tower providing your service. The Service is presented with a Cat5 RJ45 Ethernet connection to the router in your IT/Comms room.

On-Communications is a rapidly growing next generation, urban wireless internet and telecommunications service provider, using proven technology to bring affordable high speed symmetrical Business Broadband and Internet connectivity to UK business.

Re-define your business internet. Call 0800 294 7975

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