connectAssure™

Choose an internet connection to suit your business

With an ever increasing demand for bandwidth, your internet connection has never been so important to your business.

Whether you're a small business looking for a broadband connection or a large enterprise requiring your own fully managed MPLS network, we have a business connectivity solution for you.

All packages are designed and built with industry leading network infrastructure, ensuring maximum scalability, reliability and resilience.

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Why choose a connectAssure service

Here are some great benefits of moving to connectAssure:

Super quick

Your business can upload and download files, use VoIP, video conferencing, and manage your web presence more efficiently.

Happy employees

Employees feel more motivated, and are more productive when they have a fast and reliable internet connection helping them with their job.

Super connected

94% of UK adults aged 16-64 regularly use the internet. Your internet connection has never been so important for your business to reach out to customers.

Room to mature

We have scalable internet options available, to grow with your growing business needs.

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What kind of internet connection does my business need?

DSL connections

Good for small businesses which have few users, or don't need to up/download large files. It's also suitable for businesses in remote areas, as DSL uses existing infrastructure.

Fibre connections

Known as Fibre to the Cabinet (FTTC) these connections provide higher download speeds, considerably higher upload speeds and are very reliable. You can send files, make changes to your website and use cloud services.

EoFTTC & EFM connections

These connections are great for businesses which don't want users outside of their network affecting their connectivity, these are uncontended connections so you won't be sharing your bandwidth. These high-grade connections enable you to make use of a range of cloud services, up/download data and handle voice services with ease.

Leased line Ethernet connections

Ideal for when an internet connection is the most integral part of your business and you have many users. These connections can reach high speeds, are completely private, scalable and can use all services available from other connection types.

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A connectAssure™ DSL (Digital Subscriber Line) provides high-speed internet using your existing phone line. This cost-effective form of connectivity provides businesses with fast internet access without breaking the bank.

What is DSL?

By using existing phone lines, you will be connected to the Internet in as little as 5 days, making it ideal for those looking for a quick solution. DSL is the perfect internet connection to get when FTTC (Fibre to the Cabinet) is not available in your area, as there is coverage in almost all of the country.

Who needs DSL?

- Small businesses that require a **cost-effective internet** service
- Organisations that require a **backup connection** to the internet
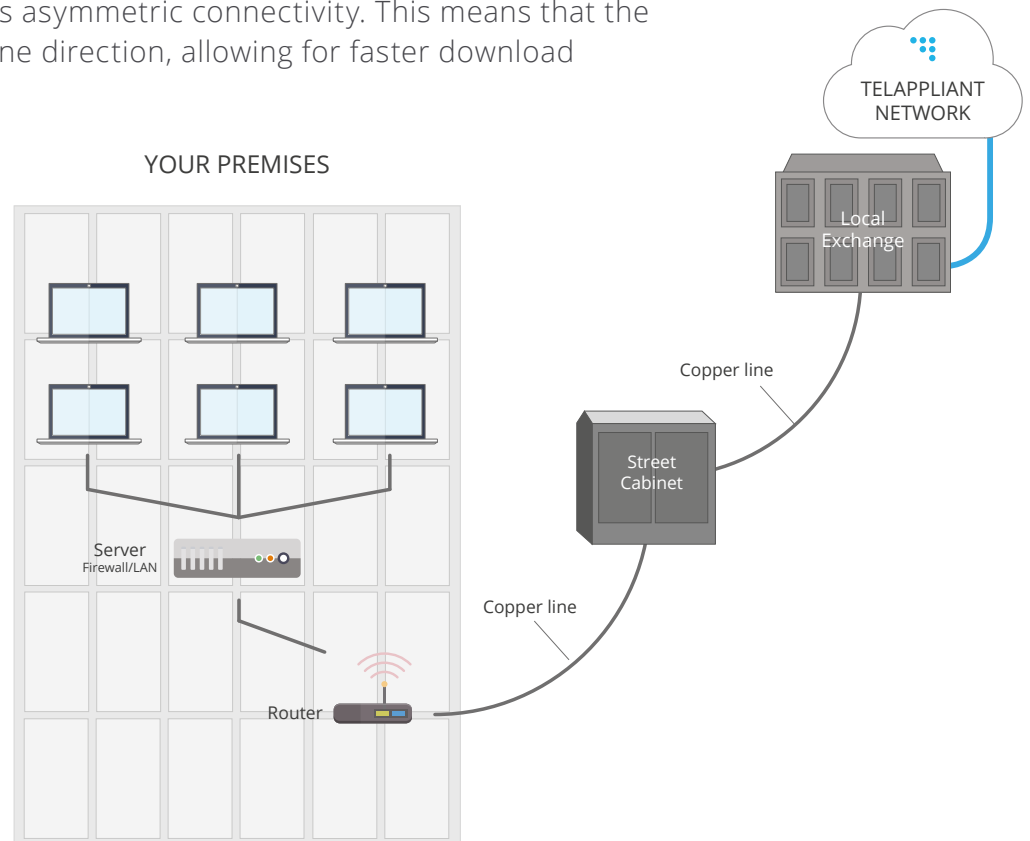- Home businesses looking for a **money-saving** connection

How does DSL work?

DSL works using ADSL (Asymmetric Digital Subscriber Line) technology to provide high speed internet that delivers up to 24Mbps downstream, with users getting faster speeds depending on the length of the phone line. ADSL operates over your existing phone line, allowing you to be online while still being able to receive phone calls.

ADSL's biggest benefit is its asymmetric connectivity. This means that the flow of data is greater in one direction, allowing for faster download speeds than upload speeds. This is ideal for businesses that prioritise downloading over uploading.

connectAssure DSL works as a backup for your primary connection. If your main internet solution goes down DSL broadband will act as a failsafe ensuring you stay connected.

TELAPPLIANT NETWORK

Local Exchange

YOUR PREMISES

Copper line

Street Cabinet

Server
Firewall/LAN

Copper line

Router

What speeds are available?

connectAssure DSL comes in three packages:
- DSL Voice
- DSL Pro 50GB
- DSL Pro Unlimited

All three packages can reach speeds of up to **24Mpbs download** and **2.5Mbps upload**. DSL Voice is **a voice only connection**; guaranteeing all data is used for calls placed or received over your network. It's a cost efficient way of ensuring that all data is used for VoIP calls. It's our cheapest connectivity solution and comes with a 20GB data limit, which is sufficient for a standard monthly call usage.

DSL Pro 50GB and DSL Pro Unlimited are all inclusive business broadband solutions.

How reliable is DSL?

DSL is widely available in the UK, 99% of the population has access. As the connection relies on local phone lines, it's more reliable. Telappliant offer full business phone support, so if you have a problem it will be resolved quickly.

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Reliable and affordable, connectAssure™ FTTC accelerates your business growth with speeds up to 10x faster than traditional broadband.

What is FTTC?

FTTC is the next generation of superfast connectivity. By using fibre optic infrastructure, FTTC is able to provide much higher upload and download speeds. With speeds of up to 80Mbps down and 20Mbps up, FTTC is able to increase business productivity, reduce costs and unlock the potential of cloud computing, along with other bandwidth hungry services.
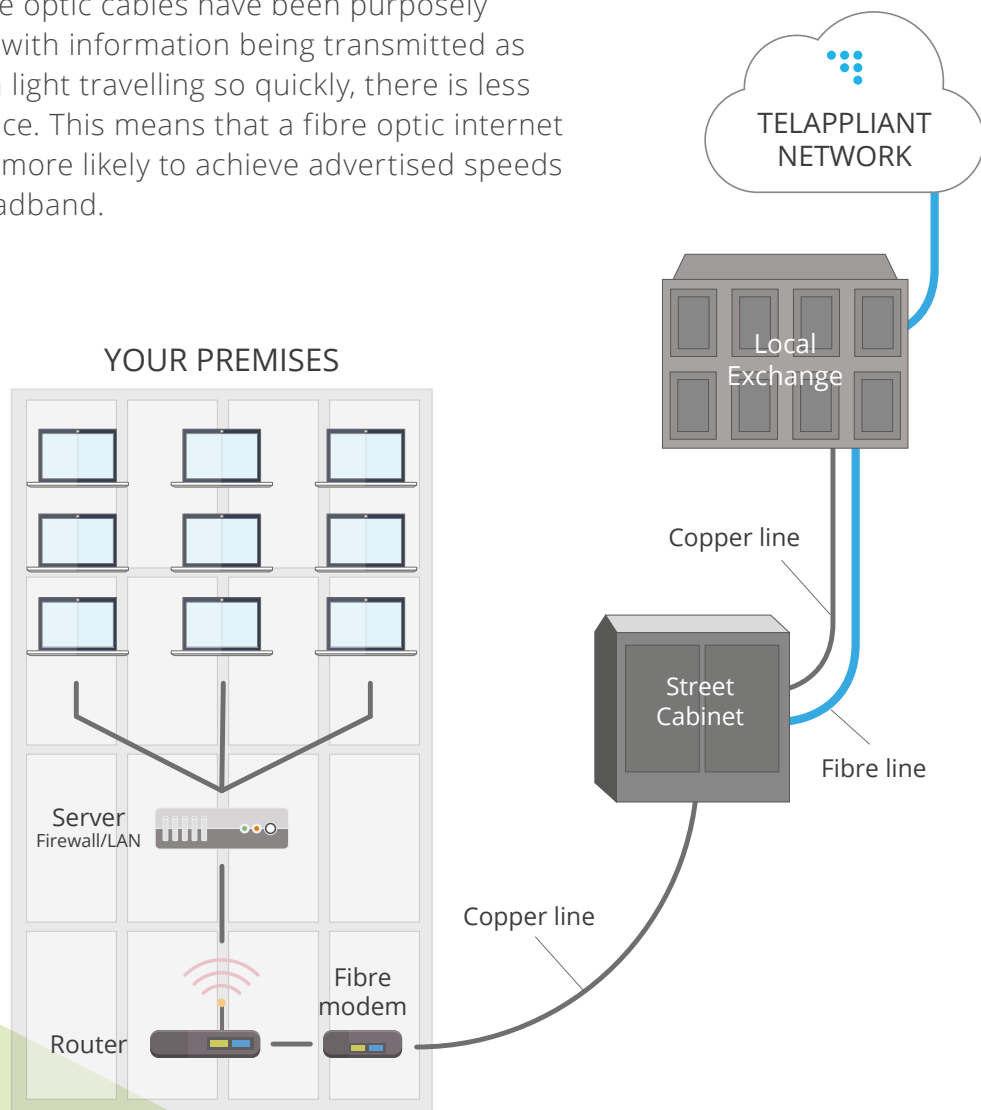
Who needs FFTC?

- Businesses needing a **faster, more reliable connection** than traditional broadband
- Businesses that want to adopt **cost-saving cloud computing** services
- Businesses wanting to **communicate** better and allow for **home working**

How does FTTC work?

Unlike traditional broadband lines, which were repackaged telephone lines, fibre optic cables have been purposely built for broadband with information being transmitted as flashes of light. With light travelling so quickly, there is less chance of interference. This means that a fibre optic internet connection is much more likely to achieve advertised speeds than traditional broadband.

TELAPPLIANT NETWORK

Local Exchange

Copper line

Street Cabinet

Fibre line

YOUR PREMISES

Server
Firewall/LAN

Copper line

Router

Fibre modem

What speeds are available?

We offer market leading speeds of up to **80Mbps download** and **20Mbps upload**. This is more than enough to handle your office activity, allowing for members of staff to work concurrently and efficiently from the same connection.

We offer data allocations of **50GB**, **100GB** and **unlimited**, ensuring you only pay for what you need.

How reliable is FTTC?

FTTC uses a much shorter copper line than standard ADSL broadband making it more reliable. The speed of which data travels over fibre infrastructure significantly reduces the chance of interference, allowing for a more reliable service. connectAssure FTTC comes with business phone support.

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connectAssure™ EoFTTC is your own dedicated, uncontended connection that can be installed in as little as 15 days.

connectAssure™
EoFTTC

What is EoFTTC?

EoFTTC (Ethernet over Fibre To The Cabinet) is where the existing fibre or copper cable connects your organisation to the closest street cabinet, and a dedicated Ethernet line carries the information to Telappliant's data centre.

By using existing infrastructure, we are able to provide a low cost private connection that is completely uncontended, so you don't have to sacrifice bandwidth at peak times.

Being up to **40% cheaper than a leased line**, it's a great choice for businesses that need a dedicated solution with guaranteed symmetrical upload and download speeds.
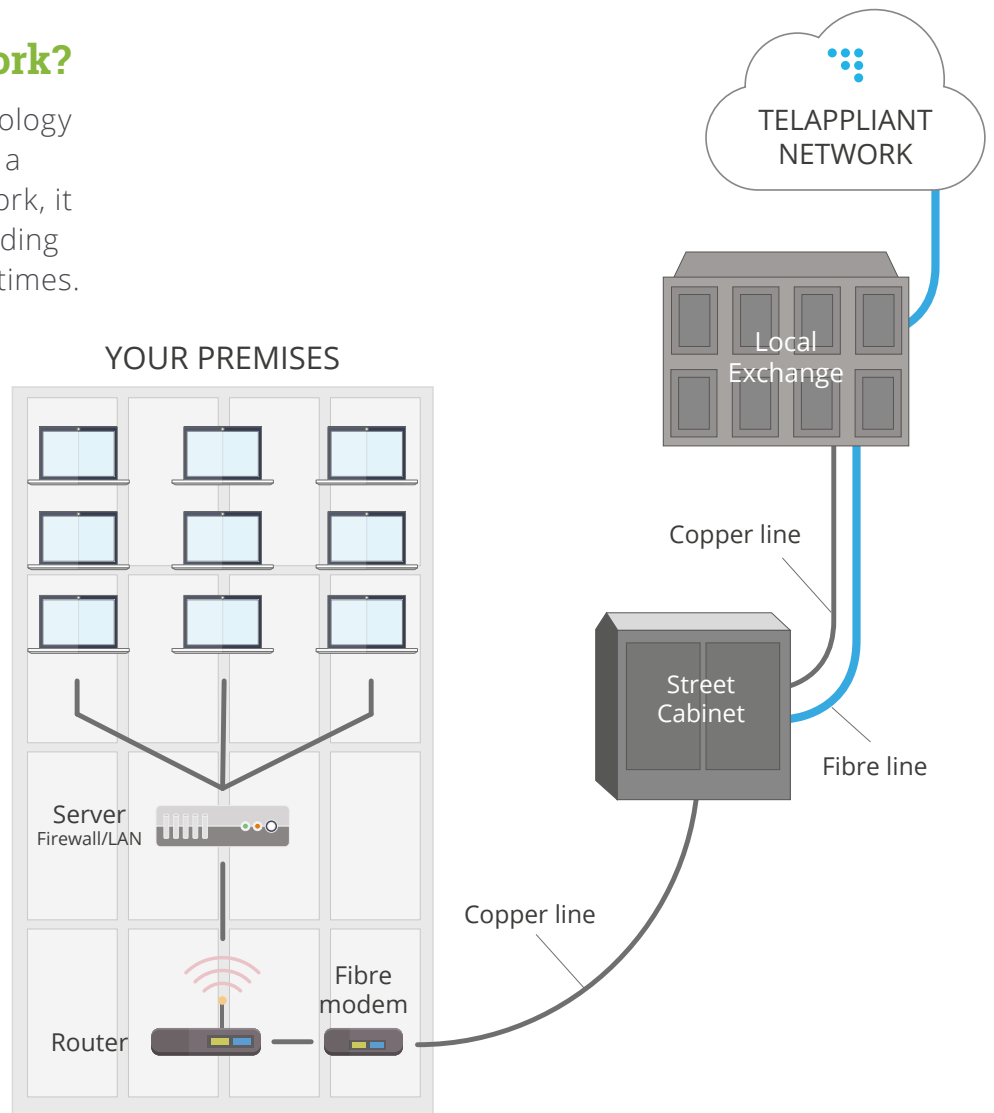
Who needs EoFFTC?

- Businesses that require an **uncontended** connection
- Organisations that need a **quick installation**
- Businesses that want **constant, reliable** and **uninterrupted access** to the internet
- Organisations that are looking for a high speed connection with large **cost savings**

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How does EoFTTC work?

EoFTTC uses the same technology as FTTC, but instead of using a public (and contended) network, it uses a private network, providing guaranteed bandwidth at all times.

We aim to install EoFTTC within 15-40 days.

YOUR PREMISES

TELAPPLIANT NETWORK

Local Exchange

Copper line

Street Cabinet

Fibre line

Server
Firewall/LAN

Copper line

Fibre modem

Router

What speeds are available?

20Mbps symmetrical is guaranteed, with downloads speeds reaching up to **80Mbps**. This ensures you get a high speed, cost effective dedicated solution that can be installed much more quickly than a leased line.

How reliable is EoFTTC?

EoFTTC is, by nature, extremely resilient. Our SLA for EoFTTC is to fix within 8 hours and we also have a network of qualified engineers who are on hand to assist you 24/7.

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connectAssure™ EFM is an affordable way of using copper technology to boost internet connectivity.

connectAssure™
EFM

What is EFM?

EFM (Ethernet First Mile) is a dedicated connection that gives you the speed and availability of a leased line, without the commitment or installation cost. EFM provides the symmetrical upload and download speeds expected by businesses, making it ideal for VoIP, hosted solutions, video conferencing and streaming or sending/uploading large files.

EFM avoids the large excess charges associated with traditional fibre, so you can reduce costs whilst boosting your connectivity. You can expect to save as much as 60% off your existing leased line costs.
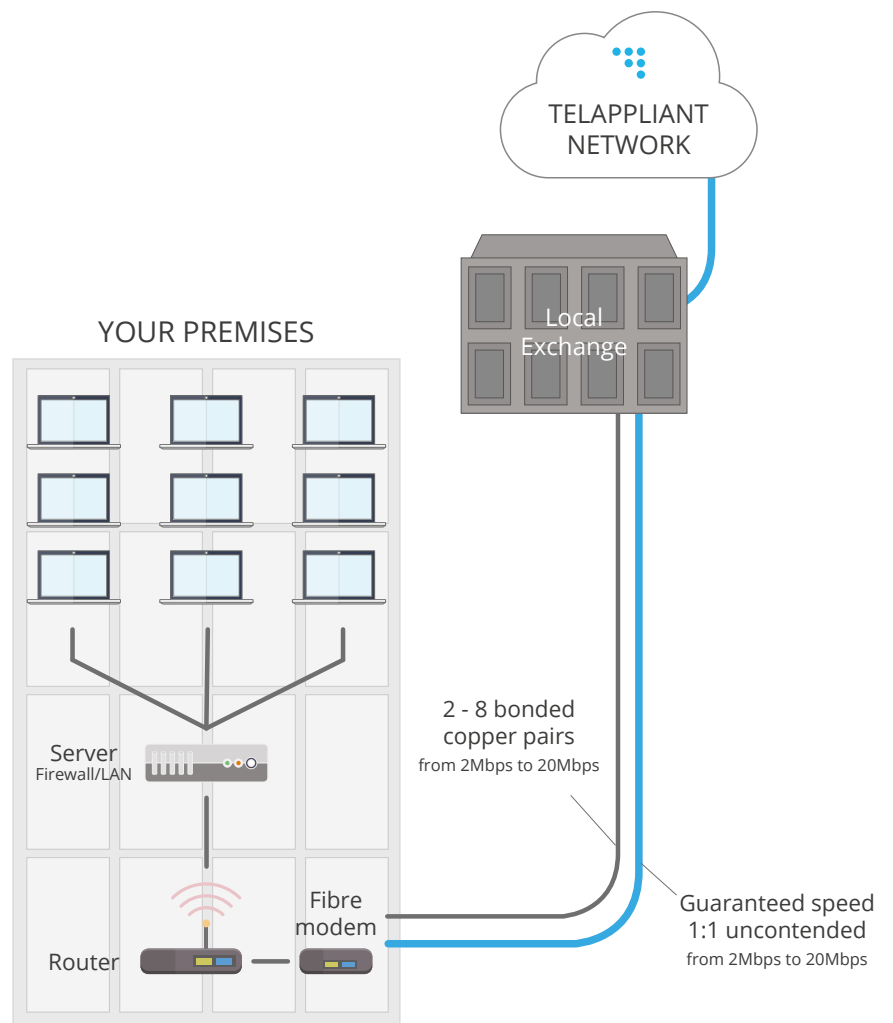
Who needs EFM?

- Businesses that need a **quick connection** for critical applications
- Businesses that need a **higher bandwidth** without committing to Ethernet
- Businesses requiring a solution for **voice, data and internet traffic**
- Businesses needing **quick installation**

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How does EFM work?

EFM is cost effective as it uses a combination of copper and fibre infrastructure. The first connection between your premises and the local telephone exchange is bonded copper, with the remaining connection using fibre. This offers a balance of reliability, found in copper lines, and speed, found in the fibre infrastructure.

We aim to install EFM within 15-40 days.

TELAPPLIANT NETWORK

YOUR PREMISES

Local Exchange

2 - 8 bonded copper pairs
from 2Mbps to 20Mbps

Server
Firewall/LAN

Guaranteed speed
1:1 uncontended
from 2Mbps to 20Mbps

Fibre modem

Router

What speeds are available?

You can expect to receive **dedicated** and **uncontended symmetrical speeds** of up to **45Mbps** both ways. This ensures you always have high speed internet even at the busiest times.

How reliable is EFM?

EFM is very resilient due to the copper bonded lines. If you lose connectivity on one copper pair, the others remain live, retaining 75% of the bandwidth. Our 7 hour SLA and 24/7 support means that we are always just a call away from fixing any issues.

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A connectAssure™ leased line is your very own private connection that can carry large amounts of data.

connectAssure™
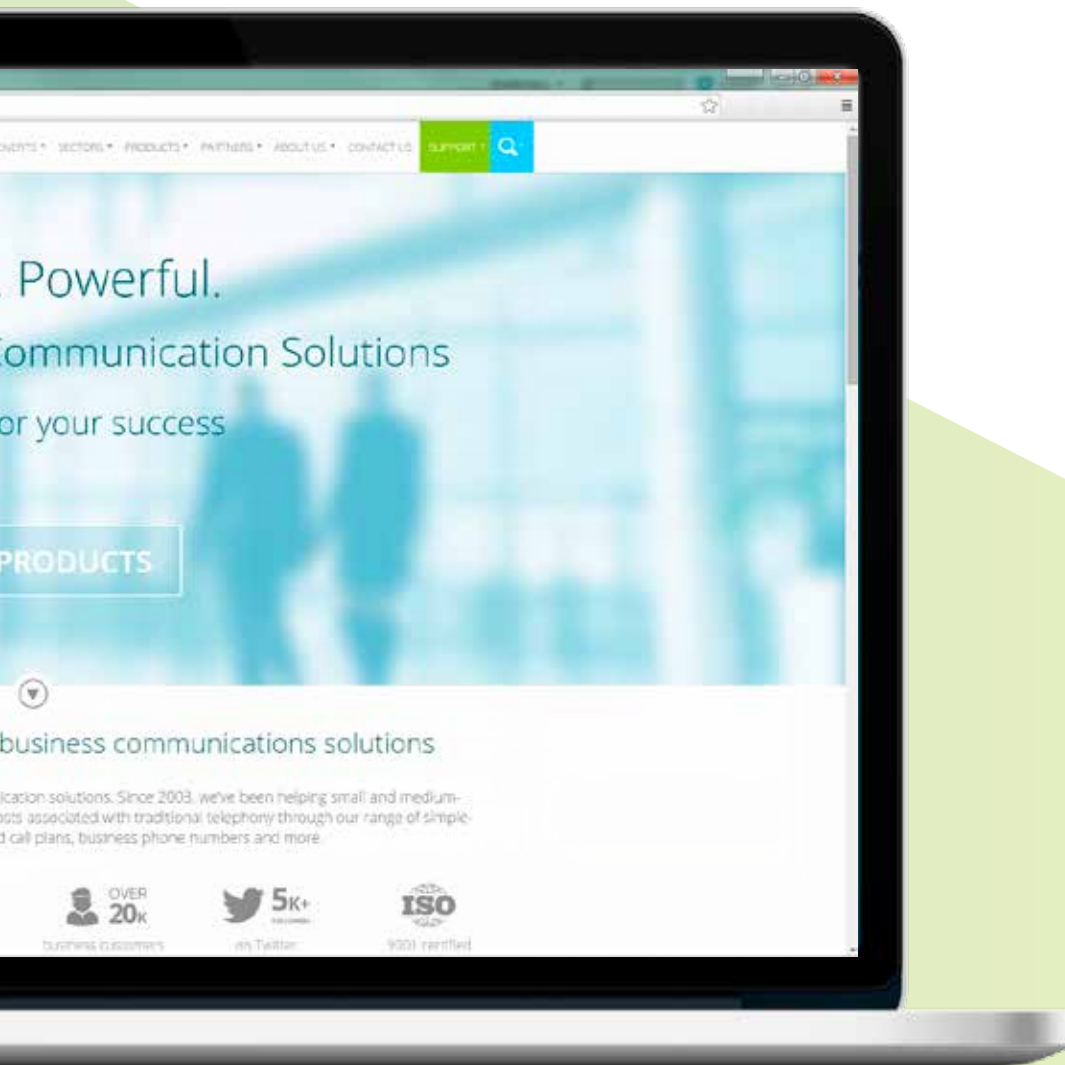ethernet leased line

What is a Leased Line?

Whereas other connections are shared between businesses and then shared again between employees, further decreasing the bandwidth, a leased line is uncontended, which means it guarantees a consistent speed that stays the same at all times.

Other than high bandwidth, leased lines also offer better security and privacy over other connectivity solutions because they are used exclusively by the company who owns them.

Who needs a Leased Line?

- Businesses requiring **fast** and **symmetric access** to the Internet
- Businesses requiring **reliable, uncontended Internet** access across several sites and multiple users
- Businesses needing the ability to **adjust** their **bandwidth during busy times**
- Businesses that need **consistent, uninterrupted Internet** access with quick support should they need it
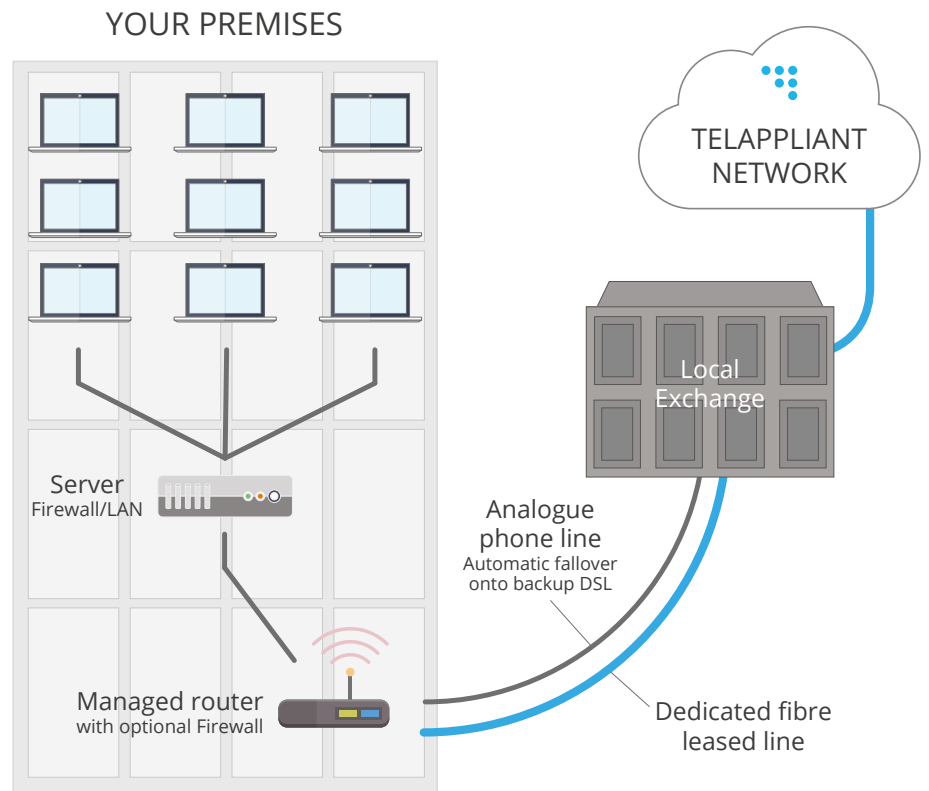

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How do leased lines work?

Leased lines use fibre optic technology, which is the most sophisticated medium for transferring data. Fibre optics use light pulses to transport data, and cost much less to maintain than traditional copper lines. Today, all core networks are based on fibre due to it's high speed capacity and greater protection against electromagnetic noise.

We aim to install leased lines within 30-60 days.

YOUR PREMISES

TELAPPLIANT NETWORK

Local Exchange

Server
Firewall/LAN

Managed router
with optional Firewall

Analogue phone line
Automatic fallover onto backup DSL

Dedicated fibre leased line

What speeds are available?

Bandwidth can be adjusted to an organisations exact requirements. Choosing a speed depends on how many people are using the internet and your businesses internet behaviour. For example, you may need to guarantee VPN access for remote workers between offices, or you may need to send large files over the network. These types of tasks will require a larger bandwidth.

You can select from **10Mb** to **10GB**, but will only pay for what you want or need. The technology is scalable, meaning you can upgrade, depending on your changing business requirements.

How reliable is a Leased Line?

Leased lines are extremely resilient. Our SLA for leased lines is to fix within 5 hours and we also have a network of qualified engineers who are on hand to assist you 24/7.

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Contact Telappliant today
to get an internet connection that suits your growing business needs.

Not sure what would best suit your business requirements? Get in touch with our knowledgeable sales team, they will help you find the best connection to suit you. Call 0345 557 6100 or visit www.telappliant.com/voip-products/business-internet/

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