

# Ethernet VPN

## It's all about connections



*We understand you're under pressure to achieve the competing goals of increasing productivity, improving profitability and protecting vital data assets.*

But what you might not realise is how our Ethernet VPN solutions can help you achieve these goals. All through dramatically improving connectivity between sites, offices and people – and providing the additional bandwidth you need to exploit new business technologies.

Say, for example, you want to keep travel expenses down. Well, new technologies such as IP Voice and Video Conferencing can help. Your team can be anywhere, any time, without racking up mileage, costs or increasing your carbon footprint. And it all starts with Ethernet VPN.

### *One platform for all*

If you're looking to connect multiple sites, our Ethernet VPN solutions offer you a range of choices. Put simply, Ethernet VPN brings together all your existing LANs and WANs into a single, secure network. This means everyone can use even the most bandwidth-hungry applications, while you stay in control of who can access what, and when.

- Much more bandwidth than you'd expect from Leased Lines, from 1Mbit/s if that's all you need, right up to 1Gbit/s.
- The ability to connect or disconnect additional sites quickly, as your business changes.

- Radically simplified network management through online reporting tools.
- More flexibility when creating network communities, such as intranets for staff and extranets for suppliers, while still keeping sensitive data under lock and key.
- No single point of failure within your network, so other sites can still communicate with each other, even if one link goes down or becomes damaged.

### *Make your network your own*

With Ethernet VPN, you continue to manage all your network switches and routers, keeping you firmly in control. Which means you can dictate your own filtering, encryption and prioritisation standards.

### *Lower your costs, raise your game*

Ethernet VPN is much more cost-effective than legacy network technologies. But that's not all:

- Ethernet VPN complements your existing LAN technology – and you can easily up your bandwidth requirements without the need for costly hardware upgrades.

- Your network management costs are slashed, from provision through to administration.

### Outsource network management

If you're looking to outsource management of your network switches and routers, our managed IPVPN solutions may be more suitable for your needs. You still gain a flexible, cost-effective private network, but without needing to provide in-house skills and hardware to maintain and manage it day-to-day.

### Service guaranteed

All our Ethernet VPN solutions include watertight Service Level Agreements that give you complete peace of mind. Including:

- Service delivery and availability.
- Continuous 24/7 network monitoring with fault restoration.

- Absolute confidence in our ability to meet these levels, which we demonstrate by building service credits into these agreements.

### Our Ethernet heritage

We were the first European provider to achieve MEF 9, and the first UK-focused carrier to gain MEF 14 accreditation. The Metro Ethernet Forum (MEF) is an independent global alliance of over 150 network providers, focused on driving the adoption of first-class Ethernet services worldwide.

We also have an ability to fully support migration from legacy networks to next generation technologies. Plus, with a fibre-optic network that's closer to our customers, we can deliver fibre-based solutions more cost-effectively than other providers.

### Choose Ethernet VPN if you...

- Want to securely connect multiple sites anywhere across the UK with a single network.
- Would like to prioritise sending and receiving business-critical data.
- Need to create any-to-any connectivity between sites to run IP Voice and Video applications without causing bottlenecks.
- Want an economical and scalable way to add new sites or increase your network bandwidth in the future.

### Ethernet VPN at a glance

Configuration	VPN (any-to-any)
Available in increments from	Access bearers of 10Mbit/s, 100Mbit/s and 1Gbit/s, available in increments from 1Mbit/s to 1Gbit/s
Scalability	Bandwidths can be upgraded
Remote upgrade	Yes
Resilience	Available as an optional extra
Availability	National and within the metro area
Protocols supported	Multiple
Performance	As per SLA
Security	Dedicated solutions available
Special features	Online performance reporting available
Quality of Service	Employ edge Quality of Service (QoS) based on Layer 2 .1P markings; Offers true QoS (up to seven options available)
Managed Service	24/7 fully managed solution; covered by full Service Level Agreement; Online and real-time statistics; Seven customer Classes of Service available



**For more information about how our Ethernet VPN service can help your business get better connected, call 0800 052 0845 or visit [www.virginmediabusiness.co.uk](http://www.virginmediabusiness.co.uk)**