

Ethernet Services

Here, there and everywhere



You already know how challenging it can be to keep everyone in touch when they're in different geographical locations. Especially when it comes to moving and sharing huge amounts of data.

What you may not realise is how easily Virgin Media Business can help you keep everyone connected – linking people along a corridor, across a business park, or the length and breadth of the country. We can enable your staff to be even more productive, with access to all the data and information they need, wherever they work. And you have a more cost-effective way of ensuring a constant flow of information across your business.

Our Ethernet portfolio of products helps you connect existing LANs and WANs into one seamless network that's more effective, more efficient and much easier to manage. Here's an introduction to just three of the options within our Ethernet portfolio – Ethernet Extensions, Ethernet Extensions+ and National Ethernet.

1. Close local gaps: Ethernet Extensions

Need to transfer data quickly and securely within a 25km radius? Connecting various buildings in a town or over one large sprawling site? Then Ethernet Extensions are your first step.

They give you a dedicated fibre path that links together two or more sites to create a single high-speed network, giving you:

- A highly secure, low-cost alternative to Leased Lines.

- A flat rate pricing structure – regardless of usage – for more predictable budgeting.
- The bandwidth you need to exploit next generation applications like Voice and Video over Internet Protocol (IP), plus IP CCTV.
- A choice of bandwidths to ensure you have the most suitable service for your organisation, and you can respond to changing business needs faster.

2. Drive up service: Ethernet Extensions+

Now let's look at Ethernet Extensions+. These use switched Ethernet technology (as opposed to the dedicated fibre connections of Ethernet Extensions), again up to a distance of 25km.

As well as all the benefits of Ethernet Extensions, you also get a choice of seven Classes of Service so you can prioritise the different types of data you want to transmit. Plus you have access to useful online performance reporting, so you can continually monitor the demands placed on your network – and how it responds.

We have strict latency, jitter and packet loss targets too, and your service is proactively managed around the clock, to help resolve issues before they cause any problems.

3. Go nationwide: National Ethernet

With Ethernet Extensions and Extensions+, speed and reliability is no object – and with our National Ethernet, neither is distance.

All your separate networks can now work together across the UK as one powerful seamless whole. It's like having your entire nationwide organisation under one roof.

We raise the functionality and performance of your WAN to ensure you can enjoy all the LAN-based

features you find invaluable; like high-res video conferencing, VoIP and media-rich applications. Latency, jitter and packet loss targets are included too, along with the same effective proactive management as with Ethernet Extensions+.

Remote upgrades also enable you to add more bandwidth without needing site visits. Not to mention providing secure links to your existing data storage sites, to help you meet the requirements of your business continuity strategy.

Service guaranteed

All our Ethernet 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.

Quick product comparisons

| | Ethernet Extensions | Ethernet Extensions+ | National Ethernet |
|------------------------------|--|---|--|
| Configuration | Dedicated fibre; point-to-point (or multiples thereof); hub and spoke | Point-to-point (or multiples thereof); hub and spoke | Point-to-point (or multiples thereof); hub and spoke |
| Available in increments from | Access bearers of 10Mbit/s, 100Mbit/s, 1Gbit/s and 10Gbit/s | Access bearers of 10Mbit/s, 100Mbit/s and 1Gbit/s, available in increments from 10Mbit/s to 1Gbit/s | Access bearers of 10Mbit/s, 100Mbit/s and 1Gbit/s, available in increments from 2Mbit/s to 1Gbit/s |
| Scalability | Bandwidths can be upgraded | Bandwidths can be upgraded | Bandwidths can be upgraded |
| Remote upgrades | N/A | Available in most cases | Available in most cases |
| Resilience | Available as an optional extra | Available as an optional extra | Available as an optional extra |
| Availability | Metro (<25km) | Metro (<25km) | National |
| Protocols supported | Multiple | Multiple | Multiple |
| Performance | N/A | As per SLA | As per SLA |
| Special features | Dedicated solution | Online performance reporting available* | Online performance reporting available* |
| Quality of Service | N/A | 7 Classes of Service available* | 7 Classes of Service available* |
| Managed Service | Reactively managed for 10Mbit/s and 100Mbit/s and proactively managed for 1Gbit/s and 10Gbit/s | Proactively managed | Proactively managed |

*Subject to availability, not available in all areas, please check with your account manager.



For more information about how our Ethernet portfolio can help your business get better connected, call 0800 052 0845 or visit www.virginmediabusiness.co.uk

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