



next generation access solutions

Overview of

Ethernet Connect

Ethernet Connect is a high bandwidth national connectivity service for interconnecting sites together & providing commercial Internet access.

From 1Mb/s to 1Gb/s with connectivity provided over copper, fibre or radio, Ethernet Connect is the Next Generation Network (NGN) connectivity service for business. Available directly from over 864 UK exchanges this is the UK's most accessible national MPLS high speed network.

The service offers Layer 2 transparent symmetric (same upload and download speeds) connectivity across the UK, delivered over a quality assured network. Designed specifically for the next generation communications including High Definition (HD) Voice & Video applications, giving your business the commercial advantage to adopt time saving services with unparalleled service levels.

As services and applications move ever more into the 'cloud' business connectivity is now more important than ever. Ethernet Connect is an enabler technology that is designed to replace the plethora of individual lines and connections with a single Multi-Service access link with features such as:

- Connections from 1Mb/s to 1Gb/s
- Symmetric Speeds
- 1:1 Contention Available
- MPLS Network core for maximum quality
- >99.97% Availability
- <10ms one way latency
- <3ms Jitter
- Up to 400 sites in a single network
- Protected diverse circuits available
- Layer 2 VLAN connections (no VPN's required)
- Reconfigurable in as little as 24 hours

Multi-Service, Quality assured flexible connectivity designed for Next Generation services.



Find out more

To find out what IC-connect can do for your business visit:

www.internet-central.net/ic-connect



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Connect, Protect and Effect Business
to, from and on The Internet



next generation access solutions

Why choose IC for your connectivity?

8

key reasons why small and medium businesses could benefit from IC-connect next generation Ethernet access solutions:

1. Flexibility of Ethernet

Ethernet uses a common interface which is independent of the bandwidth. This makes internetworking between different devices on your network quite simple. Flexibility of Ethernet technology assures rapid provisioning characteristics, offers easy migration from lower to higher speeds, and enables you to easily integrate new technologies. This is the reason why Ethernet is an ideal choice for enterprises with growing bandwidth and technology requirements.

Today, Ethernet has evolved from a LAN technology to a cost-effective, scalable, and flexible solution for enterprises of all sizes. This overall development has gained momentum due to wide acceptance of the technology by enterprises, service providers, and vendors. The many useful features such as Fast and Gigabit Ethernet, functions, and management capabilities of Ethernet make it the first choice for delivering new services over a common converged network infrastructure.

2. Minimise downtime & business disruption

The core of the network is designed for an uptime of greater than 99.97% availability maximising business uptime.

3. Quality & SLA's

Being available is only half of the story, a service is fine being up but if the quality is not right then for some applications it will be effectively offline. Ethernet Connect is engineered on a MPLS core providing the ultimate quality guarantees.

4. Keeping it simple

The network delivers a Layer 2 connection with VLAN separation, what does this mean? It means that it is like providing a very long direct cable between each of your sites for you to use as needed. By keeping it simple it means you have more choice and flexibility whilst being assured that the quality is being retained at all times.

5. Business Continuity

Now building a high capacity resilient network is easier using Ethernet Connect. Once sites are connected to the core NGN network the whole network can be re-configured in a little as 24 hours. Changing / adding / moving data paths and capacities on the network as your business demands change.

Making disaster recovery far easier...

6. More cost effective than traditional leased lines

Ethernet Connect uses the latest Next Generation technologies and techniques to lower the cost whilst increasing capacities.

Additionally you will realise the following benefits:

- **Lower cost line rental.**
- **Re-sizable / Reconfigurable** changes can be made quickly to your network to react with changes in your business allowing you to pay as you grow.
- **High Quality** the network is based on premium access technologies delivering the highest SLA's and quality commitments.

7. Grows with your business

Flexibility is the key to the network, the ability to add / move / re-size the data flows on the network quickly means that your network literally grows and adapts with demand.

8. Standardise your equipment

By taking Ethernet into the WAN you are using your existing infrastructure currently used internally and simply extending this into the wide area. Ethernet devices are now commonplace and the cost and availability is as a result far lower than the previous proprietary wide area technologies.



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