

ETHERNET IN THE FIRST MILE HIGH-SPEED CONNECTIVITY AT AN AFFORDABLE PRICE

Ethernet in the First Mile (EFM) from Node4 bridges the connectivity gap between Business Broadband and Ethernet by providing an excellent combination of high-speed access and resilience that is affordable for most businesses. EFM is ideal for businesses that are looking for greater bandwidth than broadband but do not want the cost and commitment of full-fibre Ethernet.

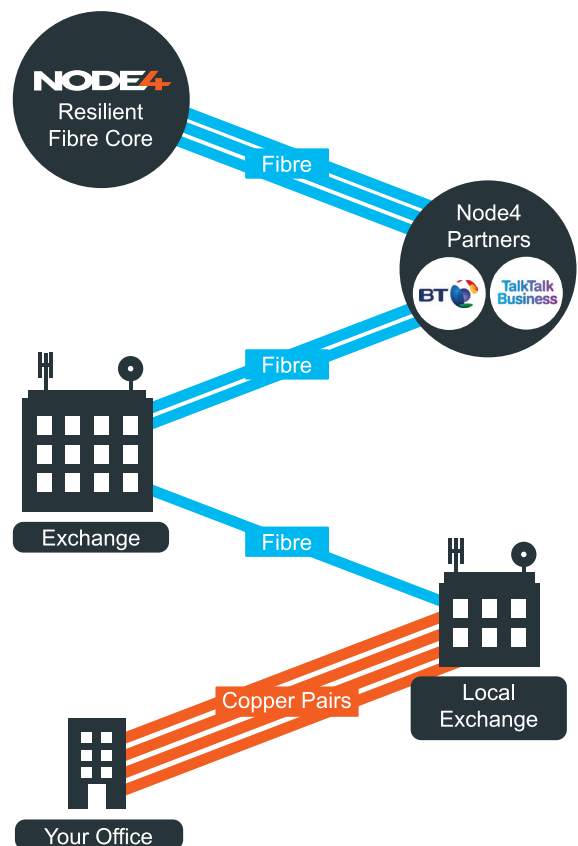
EFM uses national fibre optic networks but differs in the last mile, which is delivered using cost effective copper circuits from the nearest telephone exchange to your business premises. It can be rapidly deployed to deliver speeds of up to 20Mbps with two key benefits over Business Broadband: it is uncontended, so your bandwidth is guaranteed and it is symmetrical, delivering equal upload and download speeds.

The service can be used to carry voice, video and data by enabling Class of Service to ensure that critical services are prioritised to reduce traffic congestion and improve the performance of your network.

EFM works particularly well when your site(s) are close to an exchange; typically this needs to be within 2 miles – if that is not the case and you require reliable high speeds, Fibre to the Cabinet may provide a better connectivity solution.

EFM can support a wide variety of services that can be tailored to meet your exact requirements to make it an extremely cost effective connectivity option.

Once connected to our network core you will be able to react dynamically to changing business requirements with access to our full product suite, including ConnectMPLS networks, national high speed Internet, state of the art Colocation, SIP Trunking, Hosted Telephony, Cloud Infrastructure and Data Backup.



KEY BENEFITS

LOW COST

Improve the speed and reliability of your connectivity without the cost and commitment of full-fibre Ethernet.

RAPID DEPLOYMENT

EFM uses the existing copper connections into your building, so it is quick to deploy because it doesn't require any groundwork.

SYMMETRICAL BANDWIDTH

No restricted upload speeds, so incoming and outgoing traffic are treated equally.

SECURITY

Manage your security to protect against intrusion with a comprehensive range of firewall packages.

SPEED

Unlike broadband, EFM is an uncontended service providing prioritised bandwidth to deliver consistently high speeds to enable you to communicate faster between sites.

BUSINESS CONTINUITY

Our flexible infrastructure, diverse access options and expert technical support means that you can configure backups to make certain that you are able to recover from unforeseen circumstances.

RESPONSIVE SERVICE

Our professional support service can be tailored to meet your exact requirements leaving you free to run your business not your network.

For more information on EFM, or other products and services we offer please call our Sales Team today: 0845 123 2222 or email us: info@node4.co.uk.



ENTERPRISE CLASS PERFORMANCE & RELIABILITY



Class of Service

Reduce the impact of network congestion with Class of Service (CoS) to prioritise critical traffic.

Resilient fibre network core

Our resilient fibre network core has been designed to provide continuous service availability by being diversely routed to achieve sub second failover in the event of a core network failure.

ISO 27001 Information Security

Our ISO 27001 Security Accreditation ensures we meet stringent control requirements to manage information security.

ISO 9001 Quality Management

We operate a quality management system designed to make sure we consistently meet the needs of our customers and ensure continuous quality improvement.

Diverse Internet breakout

Our network core is interconnected to multiple carriers in multiple locations to deliver uncontended Internet access which automatically re-routes your traffic in the event of a major provider outage.

FLEXIBLE MANAGED SERVICES



Managed Cisco and Juniper routers

If you are unable to manage your network in-house, you can rely on our experience and expertise to procure, configure and manage your routers and administer advanced feature sets including VLAN/interface configuration, DHCP, RIP, OSPF, BGP, HSRP, VRRP and QoS.

Class of Service

CoS enables voice, video, applications and data to converge across one scalable network that can grow as you need more bandwidth.

Managed firewall

We can manage your security to protect you against intrusion with Cisco and Juniper managed firewalls, supporting access controls, NAT, security zones, IPSec and remote access VPNs, UTM, IDS and IPS.

Wires only option

Utilise your own expertise with a wires only option so you can manage your connections yourself and only pay for support when you need it.

CONFIGURATION OPTIONS



ConnectMPLS

If you require a private, any-to-any wide area network we can configure your Ethernet circuit as part of a ConnectMPLS network using our Class of Service enabled, high capacity and high availability MPLS network core.

ConnectFAST

For uncontended and high performance Internet transit we can configure your Ethernet circuit as a ConnectFAST connection giving you high speed and uninterrupted Internet access.

24/7/365 MANAGEMENT & TECHNICAL SUPPORT



Professional installation

Our highly knowledgeable provisioning team has years of experience installing Ethernet across the UK.

Flexible support packages

We provide friendly, flexible and responsive support from ad hoc expertise to a fully managed service where we monitor and control all aspects of your network solution.

SLAs

Guaranteed performance protected by rigorous Service Level Agreements and service credits in the unlikely event that we fail to meet performance targets.

Expert engineers

Our UK based team of dedicated engineers is highly qualified and industry certified with vast experience in delivering complex network solutions and providing comprehensive and reliable customer support.

COST EFFECTIVE AND SCALABLE



Convergence

CoS enables voice, video, applications and data to converge across one scalable network that can grow as you need more bandwidth.

Access to Node4 product suite

React dynamically to changing business requirements with access to the full Node4 product suite, including ConnectMPLS, Connect FAST, Colocation, SIP trunking, Hosted Telephony, Cloud Servers and Data Backup.