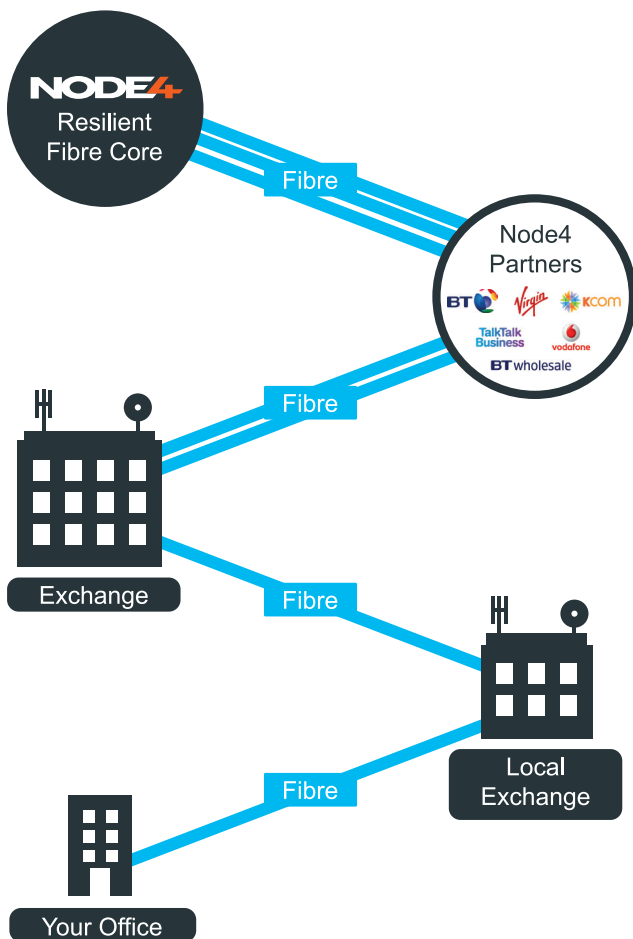# ETHERNET
HIGH SPEED, FLEXIBLE AND SCALABLE NETWORK CONNECTIVITY

The Node4 Ethernet network service delivers flexible, scalable and cost effective uncontended connectivity that is suitable for medium and large organisations that want high speed Internet access, secure data transfer and the ability to converge voice and mission critical data across one connection.

Fibre based Ethernet access is a highly stable, fully featured connectivity solution that provides uncontended, dedicated bandwidth with bearers from 10Mbps up to 10Gbps. This best of breed 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.

We own our Data Centres and infrastructure and peer with multiple tier-1 transit providers including LINX, NTT and Cogent to make sure that your service is maximised for speed and your traffic gets to its destination via the most efficient route.

Our Ethernet solution is fully scalable should your business requirements change and can deliver 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

SPEED

Ethernet provides ultra fast, uncontended symmetrical guaranteed bandwidth to deliver high data transfer rates and consistent speeds to enable you to communicate faster between sites.

RELIABILITY

We manage and monitor our network core 24/7/365 to guarantee that your services are available when you need them.

SECURITY

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

FLEXIBLE AND FUTURE PROOF

As your business grows or changes, you can throttle up your bandwidth, benefit from economies of scale by converging voice, video, applications and data and access our suite of high value bandwidth services.

BUSINESS CONTINUITY

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.

NATIONAL COVERAGE

Relationships with BT Openreach, BT Wholesale, Virgin Media Business, TalkTalk Business, Kcom and Vodafone means we can provide Ethernet access across the UK.

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

enabling business to do business

ENTERPRISE CLASS PERFORMANCE & RELIABILITY

National coverage
Relationships with BT Openreach, BT Wholesale, Virgin Media Business, TalkTalk Business, Kcom and Vodafone enable us to provide national connectivity utilising the right connection at the right price.

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.

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.

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.

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

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.

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.

NODE4

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