

## FIBRE TO THE CABINET

### FASTER BUSINESS BROADBAND AT AN AFFORDABLE PRICE

Fibre to the Cabinet (FTTC), or Fibre Broadband from Node4 bridges the gap between traditional DSL technology and Ethernet services by providing a high-speed, high capacity connectivity option at an affordable price suitable for organisations that want to share mission critical collaborative data and applications across multiple sites.

Fibre Broadband is up to 10 times faster than copper broadband and provides a consistently better service than ADSL. It is an evolving service that provides an asymmetric access mechanism with higher download speeds than upload. Current speeds are up to 80Mbps download and 20Mbps upload.

FTTC is an extremely cost effective connectivity option that is quick to deploy because it utilises a high capacity fibre optic cable from the exchange to a street cabinet, which is then linked directly to your business via BT's existing copper network. It is deployed without the necessity for any groundwork.

### KEY BENEFITS

#### LOW COST

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

#### RAPID DEPLOYMENT

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

#### SPEED

FTTC offers consistently higher speeds than ADSL for a superior performance to enable you to communicate faster between sites.

#### RELIABILITY

Your connection is available when you need it, because we manage and monitor our network core 24/7/365 and can tailor our services to meet your exact requirements leaving you free to run your business, not your network.

#### SECURITY

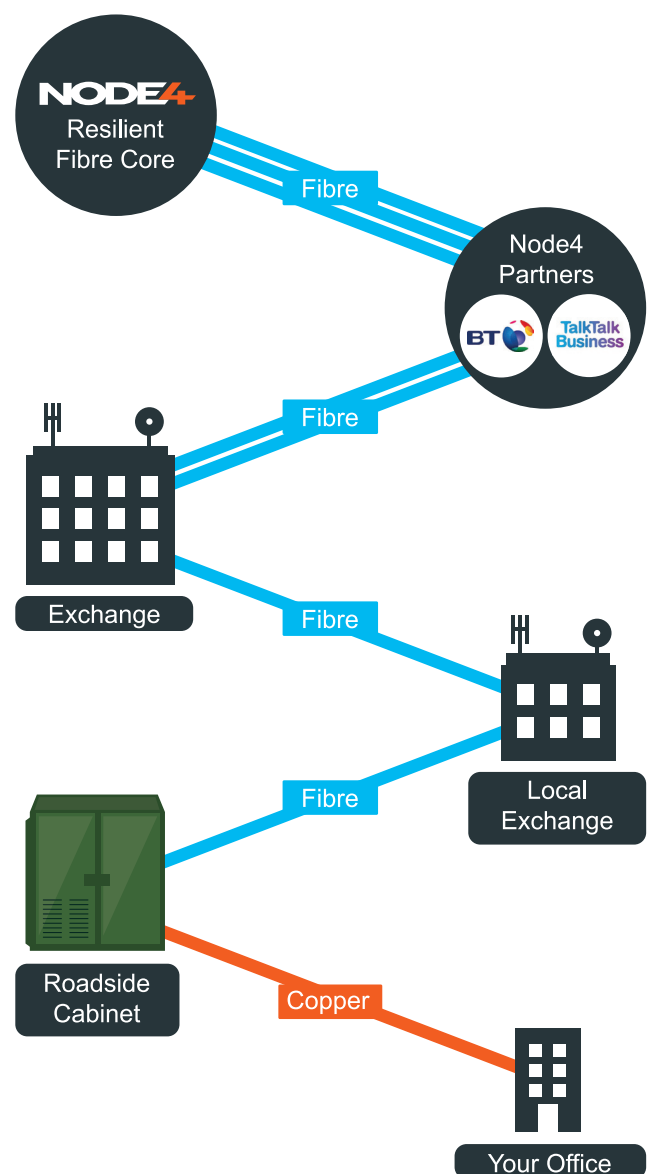
Manage your security to protect against intrusion with a comprehensive range of firewall packages.

#### 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.

Our suite of managed services enable us to design a FTTC solution to meet your exact requirements with optional router management and a range of firewall security packages.

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.



For more information on Fibre to the Cabinet, or other products and services we offer please call our Sales Team today: 0845 123 2222 or email us: [info@node4.co.uk](mailto:info@node4.co.uk).



### ENTERPRISE CLASS PERFORMANCE & RELIABILITY



#### 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.

### 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.

### CONFIGURATION OPTIONS



#### ConnectMPLS

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

#### Business Broadband

For high speed but cost effective Internet transit we can configure your FTTC circuit as a Business Broadband connection giving reliable business Internet access.

### 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.

#### 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.

#### Management options

We offer a range of management options from wires only to a fully managed service where we monitor all aspects of your connection up to and including the router.

### COST EFFECTIVE AND SCALABLE



#### Access to Node4 product suite

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

## FTTC OPTIONS

STANDARD	ADVANCED	PREMIUM
Up to 40Mbps download and 2Mbps upload speed	Up to 40Mbps download and 10Mbps upload speed	Up to 80Mbps download and 20Mbps upload speed
CoS supported	CoS supported	CoS supported
ConnectMPLS	ConnectMPLS	ConnectMPLS
Business Broadband	Business Broadband	Business Broadband
Optional managed routers	Optional managed routers	Optional managed routers
SIP supported	SIP supported	SIP supported