



Ethernet connectivity

Ethernet

High speed reliable connectivity is becoming increasingly important for more and more businesses. The various changes in how organisations are now expected to run have demanded an increase in bandwidth.

Node4 are experts in providing reliable connectivity, particularly in multi-site organisations. Node4 provide a range of connectivity services such as; ADSL, SDSL, Leased lines and Ethernet.

Ethernet

Ethernet connections provide cost-effective high speed, point to point circuits that are permanently connected and available 24 hours a day, 7 days a week, 365 days a year. The connection provides a secure link that can be used to connect to the internet, to the Node4 data centres or to other sites as part of Node4's IP-BVN solution.

With speed from 10Mbit/s up to 10Gbit/s, the service carries voice, video and data applications and is Quality of Service (QoS) enabled to support delay-sensitive traffic.

Ethernet is the right solution for businesses who:

- Are looking for scalable, cost-effective connectivity
- Require fast connections between sites and/or to the internet,
- Are looking for higher speeds than leased lines provide
- Need access to a secure data centre
- Want to run voice and mission critical traffic between sites
- Want to implement a centralised internet access & security policy.

Features

High Speed - Different options available to meet any requirement. Speeds available include 10 Mbit/s, 100 Mbit/s, 155Mbit/s, 622 Mbit/s, 1Gbit/s, 2.5 Gbit/s and 10 Gbit/s.

Quality of Service (QoS) Enabled - The Ethernet network can be used to carry voice and mission critical traffic. By prioritising and queuing traffic by application type we can provide performance guarantees.

Centralised Internet Access - All Ethernet connected sites can be provided with centralised internet access onto Node4's internet backbone. For security, a centrally managed firewall would be located within Node4's core network, removing the need for multiple firewalls. This gives the customer more control over security and internet use.

Centralised Services - As the Node4 data centres are part of the core network, customers can locate their servers and applications in the secure environment within their VLAN.

Off-Site Backups - The service can be used to provide access to Node4's SAN (Storage Area Network), providing secure and reliable off-site backups.

Node4's Ethernet solution delivers many benefits, including the following:

- Reduced costs for high-speed connectivity and infrastructure,
- QoS enabled to support business critical services such as VoIP,
- Secure Access to the Node4 Data Centre or between sites,
- "Wires-only" or managed service options,
- Service Level Agreement for guaranteed availability and performance.

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Why choose Node4?

Solutions - our offering consists of many great services that can be brought together to offer you a complete solution.

Flexible - we don't make customers fit in a box. All our services can be developed to meet your business requirements.

Reliable - we manage and monitor our services 24 hours a day, 365 days a year, ensuring that your services are available when you need them.

People - we have a great team who understand customers, offer good advice, and are committed to delivering good customer service.

Support - our highly skilled support team are never more than a phone call away.

About Us

Since Node4 launched in April 2004, there has been a huge amount of rapid growth in the business. Our vast experience in a whole range of Data Centre and Communications solutions and commitment to meet and exceed our customer's expectations gives us the edge against any of our competitors.

Our service portfolio includes:

Colocation

From single servers to private suites.

Managed Hosting

Dedicated servers & Virtualised Environments.

Connectivity

Broadband, leased lines & Ethernet.

IP-BVN

QoS enabled private network for multiple sites.

SIP trunking

Numbers, number porting & reduced call rates.

Cisco IP Telephony

Hosted & dedicated options.



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