



VPN

Virtual Private Networks

'Safe Guarding Your Online Business Communications'

VPNs (Virtual Private Networks) enable companies to extend secure connectivity to remote users, offices or mobile employees by creating encrypted paths across the Internet.

By deploying an **easynet** VPN solution your company can reduce wide area communication costs and provide secure network access with the speed and reliability of a dedicated connection.

If your company needs a reliable connection to the Internet, wants to safeguard online communications and connect multiple sites with maximum security and minimal costs, then the answer is to deploy an **easynet** VPN solution.



VPN Connectivity Options

easynet's web based VPN Solutions are available as two connectivity options; Routed ISDN and Leased Line. Each service combines a connection to our superior high-speed fibre-optic network with a world class Lucent Technologies or Cisco router. Each router features an integrated firewall and VPN software, providing a reliable, secure and scalable platform on which to develop and manage your corporate VPN strategy.

Multi-user Routed ISDN VPN Connection

With support for up to 250 PCs or MACs, **easynet's** multi-user routed ISDN connection enables small to medium sized businesses to securely connect their existing Ethernet LAN to the Internet (though for networks featuring more than 30 computers, **easynet** recommends a leased line connection).

Each connection features a Lucent Technologies Pipeline Router which supports either a 64Kbps or 128Kbps ISDN connection. Furthermore, with support for dynamic bandwidth on demand, you can increase your Internet connection from 64Kbps to 128Kbps as and when required.

This service also features an SMTP mail feed which means **easynet** are able to forward all email for a registered domain, or group of domains, directly to your network's mail server as and when mail is received. Alternatively, **easynet** can provide POP3 mail boxes according to your company requirement.

For full details on **easynet's** Routed ISDN connections, please refer to **easynet's** Routed ISDN data sheet.

Leased Line VPN Connection

easynet's leased line services provide a secure and permanent connection to the Internet for companies that require dedicated fixed cost Internet access, combined with the flexibility to provide access to network based online services and resources (such as web servers) to their customers, remote offices and partners.

Leased line connections are available nationwide and feature a Cisco router supporting 64Kbps to 45Mbps connections with either fixed bandwidth or variable bandwidth options. What's more, we also provide all our customers with the facility to monitor their leased line usage with online real-time statistics enabling them to make an informed decision on bandwidth requirements.

Furthermore, by utilising **easynet's** extensive European telecommunications network, we are also able to implement pan-European Internet based VPN solutions which provide exceptional cost savings over traditional dedicated point to point connections.

For full details on **easynet's** Leased Line connections, please refer to **easynet's** Leased Line data sheet.



Service Features & Benefits

Reduced Communication Costs

Provide secure connectivity to your remote users offices and mobile employees by utilising the Internet to reduce the communication costs associated with Wide Area Networking (WAN), by eliminating the requirement for dedicated point to point connections between offices or locations.

Secure Online Connectivity

With a VPN, your business communications will remain confidential as they travel across the Internet. All transmissions are encrypted guaranteeing data integrity from end to end.

More than just Internet Access

Leverage your company's Internet access by deploying a scalable and secure company communication solution. In addition to providing email and web access, with an internet based VPN, you can secure the corporate intranet, extranet and remote access services without the expense of additional hardware purchases.

Network Access Control with integrated Firewall

With the powerful integrated firewall feature, an **easynet** VPN solution provides maximum protection against unauthorised access from the Internet. As well as controlling who and what has access, you can also control where a remote user can go and what they can do once they have entered the corporate network.

Virtual Connections with guaranteed Bandwidth

All our leased lines are 'clear bandwidth' guaranteeing no contention ratios, no multiplexing and no loss of performance due to other customer's connections providing maximum network performance without restricting connectivity in any way.

Industry Standards Compatibility

easynet VPN solutions feature the industry's leading router hardware platforms from Lucent Technologies and Cisco Systems supporting standards based authentication and data encryption methods. Our solutions provide seamless integration into the existing corporate internetworking infrastructure.

Extensive UK and European Network

Our high-speed, high availability fibre-optic infrastructure not only features over 40 POPs within the UK, but also POPs throughout Europe allowing us to provide national and international VPN solutions for pan-European organisations.

Dedicated Technical Support

Our well established technical expertise underpins all our services and has earned **easynet** the ISO 9001 accreditation. We provide 24x7 support with around-the-clock monitoring of all our connections to ensure maximum service availability.

easynet is one of the few ISP's who are able to offer a total solution for the supply of integrated telecommunications and Internet products and services.

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ISPA Internet Industry Award Winner 1999, 2000 & 2001
IIR European ISP Forum 2000 & 2001 - Best Business ISP