

# VPN Production Information



**\* No two businesses are the same, so why should their VPNs be?**

Too many companies try to force their preferred product onto your organisation. But every VPN we design is the result of our Solutions Team agreeing with you precisely what your business needs. Only then do we create the perfect VPN for your company.

**Why do you need a  
multi-service VPN?**

**Do you have a multiple site organisation? Would you like free phone calls between sites? Do you wish you could run your data, video and voice over one connection? Is it time that your company deployed added value applications such as multimedia conferencing, e-collaboration and business to business processes?**

**Then you need an IP-VPN. It'll enable you to reduce costs and managerial complexity as well as improve your productivity through applications such as intranets and extranets, plus allow remote access to corporate networks for teleworkers and branch offices.**

## **Why MPLS is the way forward**

MPLS (Multi-Protocol Label Switching) has created huge advancements in VPN technology. It uses the traditional high performance of switched networks, but makes them 'IP aware' meaning it can integrate with any technology both now and in the future.

Designed to carry all types of IP traffic, MPLS has taken the best elements of older generation technologies such as Frame Relay or ATM. It has combined their ability to deliver high performance and simplistic routing of traffic with the considerable advantages that IP networks bring. Advantages that include self discovery of end points and automatic resilience by re-routing around network failures. And as MPLS can carry many different types of traffic through its advanced Quality of Service (QoS), your voice, video and data networks can all be integrated on one physical infrastructure.

## Why an Interoute IP-VPN?

Of course, our VPNs do everything you'd expect an industry leading VPN to do – they connect your offices, they're scalable, flexible, your staff can share information and you can make free calls between your offices. The difference we bring is that we won't sell you an off-the-shelf VPN solution. By combining the skills of our Solutions Team who will really get to grips with your needs and understand your business inside-out, with our advanced, wholly owned MPLS network, we can deliver the very best custom-made VPN solutions on the market.

### **Our Solutions Team understand business, your business**

The most advanced technology in the world is no use if it doesn't do what you need it to do. That's why our Solutions Team are on hand to make sure you get the solution that's the perfect fit for your organisation. By selecting and adapting each and every VPN element – from internet access to remote access, security services to integration, installation and support to innovative commercial packages – they can work with you to create the ultimate VPN for your organisation.

### **Our Pan European voice and data network has the greatest capacity**

The sheer capacity of our network, greater than any other European supplier, gives you one huge benefit – faster delivery. Which means programmes like Oracle, SAP, Lotus Notes and Microsoft Exchange can operate at their full potential.

### **Extensive DSL coverage**

We offer greater coverage in more business centres throughout Europe, than any other network provider. With private and secure DSL coverage in 13 countries you have a reliable way to connect to all your business locations, no matter how varied the technology they deploy.

### **A VPN that adapts to your needs, at your pace**

You can easily add and subtract locations and upgrade or downgrade capacity as your business needs change. And, if you are thinking of migrating to VoIP to enjoy the benefits of iSip (our industry-leading free, secure call service) you'll have the perfect platform for the transition.

### **Your business is better protected**

Because we own the network, there is no middleman. The responsibility rests with us. Which is why when we say our VPNs, are secure we have the control to make sure they are. And that's exactly the kind of reassurance you need if you have to comply with regulations like Sarbanes Oxley or HIPAA.

We also have a full suite of added security products including firewalls, remote access, virus control and business continuity products. And our exclusive Internet Central product takes security to a new level by moving connections away from vulnerable HQ's and onto our network.

### **Security on the move**

Both Secure Socket Layer (SSL) and IP Security (IP Sec) are supported by our VPNs, so your employees will be able to remotely access your VPN from anywhere they can connect to the internet. And because the remote users data is encrypted, your communications and your VPN will remain private. If you're looking for additional security, we can also provide a managed two-factor authentication solution based upon secure tokens.

### **Our Service Level Agreements set the standard**

We give you the highest levels of support and customer service backed by the industry's most stringent and comprehensive Service Level Agreements (SLAs).

### **You're in control**

You can decide the level of support to suit your business needs. The options range from our fully managed service (which includes the purchasing of new equipment, implementing your network and constantly keeping on top of management operations) to minimal support and anything in between.

### **Return on Investment that makes great commercial sense**

Our VPNs deliver a diverse range of cost savings and impressive ROI. You can be certain you'll be making an investment that will pay back – as you'll be using a trusted provider with a large scalable network that can handle what the future brings thanks to our choice of industry leading partners including Cisco.

The MPLS backbone has been engineered to support IP applications in an intelligent way, ensuring that future applications can be rolled out onto the network without the need for a complete technical upgrade. And as our Solutions Team can transform your requirements into reality, there's no need for the services of expensive consultants.

Opt for a fully managed service and you'll be freeing your IT staff to concentrate on other work. You'll also benefit from a single point of contact for any changes made to your service in the future. And our managed services pricing means there'll be no huge up-front investment to be made.

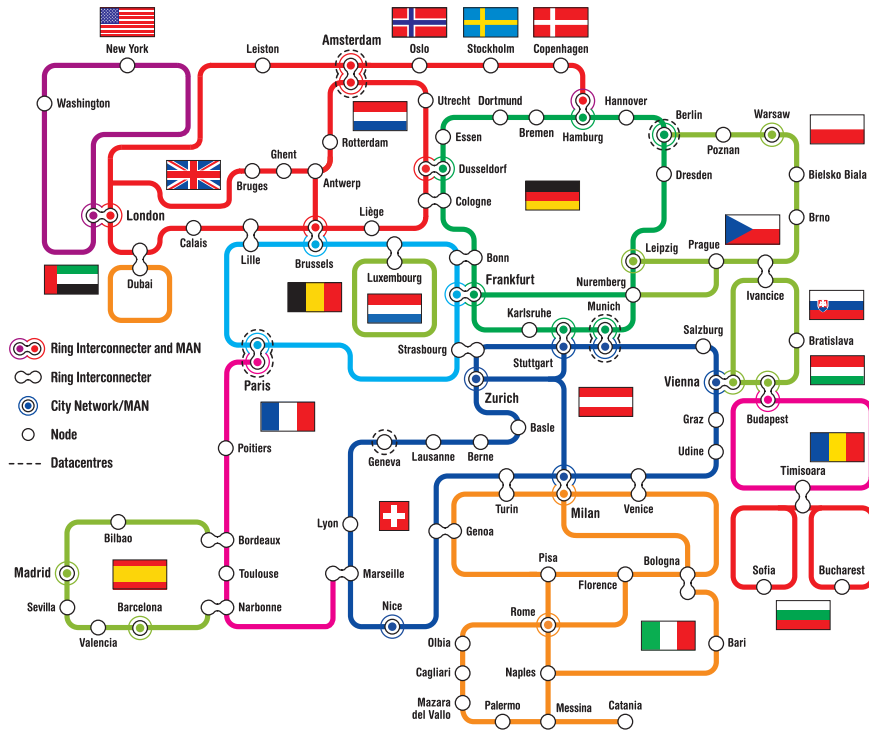
## Benefits at a glance

- Dedicated support from our Solutions Team who'll design and build the perfect VPN for your organisation.
- We'll work with your infrastructure – MPLS delivers any-to-any connectivity. So you can connect and integrate new locations without having to upgrade all your other locations.
- Integration that delivers – Enjoy excellent application performance through integration with hosting and collocation facilities, and cost-effective IP propositions through integration with iSip.
- We'll keep your privates, private – Your information will be securely sent over a private IP network without the possibility of intrusions.
- We put our money where our mouth is – Our network performance is guaranteed by our extensive Service Level Agreements.
- We'll help you get the most out of your applications – by delivering the right Class of Service for your applications to run at their optimum.
- As much support as you need – Choose from a fully managed service, or minimal management, whatever suits your business.

## Features at a glance

- Voice, video and data runs over a single connection.
- Use a wide range of access technologies including DSL, Ethernet, and Leased Line.
- DSL access and coverage across 13 countries.
- Seamless any-to-any connectivity thanks to MPLS technology.
- High capacity 10Gbps core network.
- We offer access across our network at speeds from 512kbps to 1Gb/s across Europe, and into the USA and UAE (via Dubai).
- Through our strategic partnerships we can also offer global IP VPNs, with a single customer point of contact and single end to end SLA.
- Internet access through either a managed Firewall or over shared infrastructure at one of your sites.
- A fully private network with the option of public internet access through the same connection.
- Remote access using SSL or IPSec VPNs.
- Security services including tokens, virus protection and anti-spam.
- On site installation and support throughout your contract.
- Detailed migration planning and upgrade paths to evolve with your business.
- Optional Quality of Service features to support real-time and guaranteed data flows.
- Fully managed service 24x7 that includes the tail circuit, the core network and the CPE router.
- Backed by 'money back' tailored Service Level Agreements.

## Interoute network



## Five things about Interoute

- We own and operate Europe's most advanced, densely connected voice and data network.
- We're widely acknowledged as one of Europe's fastest growing technology companies.
- Our network covers just about every major European, Eastern European and Central European business centre as well as the USA.
- We handle more than €1 billion of e Commerce through our data centres every day, making Interoute a key part of Europe's Digital Supply Chain.
- We're the choice of all key European operators, governments around the world and 14,000 corporate customers including BMW, EMI and Deutsche Post.

**Let's talk.** Call +44 20 7025 9000  
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This information was correct at the time of going to press. However, because of the rapid growth of Interoute's business, details are likely to change.  
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