

# Managed Security



## \*Emergencies do happen

As business systems become more integrated with technology the need for protection in the event of an emergency is critical. After all technology fails. And when it does, your business may be at risk.

# Why you need Managed Security Services? Businesses are becoming increasingly dependent on their IT infrastructure for business survival. Yet the threats and risks to this infrastructure grow and change on a daily basis.

## Why use Interoute's Managed Security Services?

Interoute offers a range of solutions to deliver reliable information security, enabling our customers to manage their business risks more effectively and reduce costs.

Interoute's state-of-the-art network and data centres are designed to support high-security, business-critical environments.

**World class customer services** – We use the latest security management techniques and systems, operated 24 x 7 x 365 by skilled staff whose full-time job is security. We underwrite our commitment to security through tough money-back service level agreements.

**Control and Visibility** – All security services can be monitored and managed through our secure online web portal, giving customers complete visibility and control over their operational security.

## Our security services at a glance:

Network integrity protection:

- managed firewall services
- denial of service attack protection
- intrusion prevention and detection systems (IPS / IDS)

Remote Access solutions:

- IPSec and SSL remote access
- Secure token authentication
- iPASS roaming access

Content protection:

- e-mail scanning and protection
- web content filtering
- Resilient Voice Communication
- Data backup and restore
- Secure managed hosting
- Disaster recovery and protection
- Network storage solutions

## The product benefits

### Network integrity protection

**Managed Firewall Services** – Firewalls help protect customer infrastructure by allowing only authorised traffic onto the network. We support a range of firewall solutions ranging from entry-level Customer Premises Equipment through to mission-critical hosted firewalls. Interoute's service includes not only hardware and software configuration, but also 7 x 24 monitoring and management, software upgrades and access to expert security specialists.

**Denial of Service Attack Protection** – DoS and Distributed DoS attacks can cause significant damage to IP-based businesses and are increasingly used by criminals to extort money. Interoute offers advanced DDoS 'guards' to filter out such attacks and enable customers to continue operation.

**Intrusion Detection and Prevention** – Our Intrusion Detection Systems monitor customer networks for suspicious and unauthorised access, blocking attacks and addressing vulnerabilities.

### Remote Access solutions

**IPSec and SSL Remote Access** – In addition to our dedicated network connectivity, we offer a range of secure solutions for remote network access. We support industry-leading IPSec-based solutions for permanent inter-site and remote office connectivity, and roaming remote-worker access. We also offer 'clientless' roaming VPN access using SSL-based security.

**Token Authentication** – Authentication tokens provide two factor authentication for application security and access control.

Interoute's strong token authentication feature can be combined with our remote access solutions for additional levels of protection.

**iPASS® Roaming Access** – We can provide mobile workers a secure and reliable way to access their corporate networks over 60,000 dial-up, Wi-Fi hotspot and hotel Ethernet broadband connections in over 150 countries.

### Content protection

**E-mail Scanning and Protection** – Interoute support the industry-leading MessageLabs™ anti-virus and anti-spam solution for real-time e-mail filtering and protection. Using heuristic methods combined with a global database, we provide guaranteed integrity with alerts and online reporting.

**Web Anti-Virus and Content Filtering** – Our web filtering service protects against risks from spyware, inappropriate web surfing, instant messaging, video streaming and peer-to-peer file sharing – while improving overall Web performance.

**Resilient Voice Communication** – iSip is the world's first secure corporate Voice over IP (VoIP) service, giving unlimited calls to and from your business community, as well as free calls to any other VoIP user in the world. The service is location-independent, allowing transfer of a customer's entire voice connectivity from one office to anywhere else in the world at the press of a button.

**Data Backup and Restore** – Interoute's hosting services include daily system and content back-up options, duplicate copy off-site storage, and expedited data restore capabilities. Additionally, Interoute can remotely backup customer data over Internet, Ethernet and VPN

connections. Back-up is supported on Windows, Solaris, and Linux platforms, and includes live database backup options and 'bare metal' restore capabilities. We can offer long-term archive solutions to meet regulatory requirements. Data can be securely housed at third party off-site facilities for periods ranging from 90 days to 10 years.

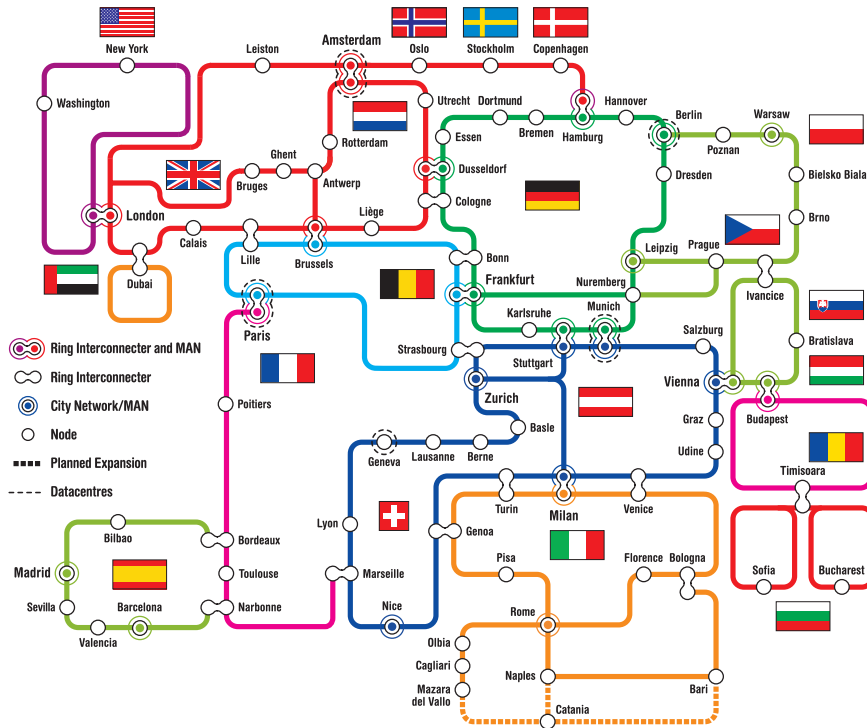
**Secure Managed Hosting** – For increased security, Interoute can house and manage customer equipment in our secure data centres. We can also design and supply complete 'security hardened' hosted systems comprising firewalls, load balancers, and servers. We supply 'locked-down' versions of operating systems with ongoing patch management, vulnerability assessment and security monitoring.

**Disaster Recovery** – Interoute offers classic DR services including hot and cold-standby colocation infrastructure in our data centres connected to primary customer systems over our network. We also offer Managed REVIVE™ – a complete real-time data replication solution. Managed REVIVE™ can also operate in dynamic fail-over mode, taking over operations in the event of any type of system failure.

In addition, our fibre, wavelength, SDH and Ethernet network services can be used for bespoke disaster recovery solutions.

**Network Storage Solutions** – Interoute can offer DAS (Directly Attached Storage), SAN (Storage Area Network) and NAS (Network Attached Storage) services within our data centres. We also support resilient customer storage networks over our metro and long-distance network including FICON, ESCON and Fibre Channel connectivity.

## 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 major incumbents, 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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