



## eircom **business IP**

powered by MPLS to give you maximum flexibility

**Multi-Protocol Label Switching, the most important enabling technology for users of IP networks, is at your disposal when you use eircom **business IP**, the only wholly-owned IP network offering you the benefits of MPLS all across Ireland.**

### Seize the benefits of eircom **business IP**

- Extend IP networking to all your branch sites, regardless of size
- Enjoy robust security as your traffic never touches the Internet
- Widespread access points nationwide, leveraging the eircom broadband network
- A trusted and proven service with thousands of users nationwide
- A wide range of speed options to suit your needs
- Achieve connectivity without sacrificing affordability
- NEW - class of service option lets you protect critical applications that demand guaranteed bandwidth.
- Choosing the class of service option gives you a future-proof path to Voice over IP roll-out

### Find out what you can do with eircom **business IP** and MPLS

To make the most of IP for your business, experts agree that one core technology is essential: Multi-Protocol Label Switching, or MPLS.

As an eircom **business IP** customer, you enjoy the benefits of MPLS wherever you need them, all across Ireland. MPLS allows you to quickly and easily set up secure virtual private networks among your dispersed sites. Provisioning is fast and straightforward, allowing you to react quickly to business opportunities.

MPLS also fully supports traffic prioritisation, letting you decide which of your mission-critical applications should take precedence over your network. eircom's skilled IP networking experts can work with you and your technical team to categorise your applications for prioritisation, so you can be sure that your network will support your business needs.

Only eircom offers a nationwide IP network featuring MPLS on site at every node. You gain the confidence of dealing with a single supplier for your entire network, and the peace of mind of dealing with a team of IP networking experts with a proven track record in delivering and supporting enterprise MPLS networks.

### eircom **business IP**: built by eircom, praised by Cisco

eircom **business IP**, first built in 2001 with core technology from networking leader Cisco, has earned a reputation as one of the most advanced in Europe. Cisco has recognised eircom's implementation of its technology to be a best-practice example, and has named eircom **business IP** as one of the top 5 MPLS networks in Europe, the Middle East and Africa in terms of features and functionality.



# Discover Design Deliver

## eircom business IP with MPLS at a glance

### Full range of access choices

- Speeds include 64k, 128k, 256k, 512k, 1Mb, 2Mb, 10Mb, 20Mb, 30Mb, 40Mb, 50Mb, 75Mb, 100Mb, 200Mb, 300Mb, 400Mb, 500mb, 750Mb and 1Gb.
- Access methods include business IP Access (copper pair), Ethernet (fibre) and DSL.

### Resilient by design

- Fully scalable network with proven core network availability
- Includes core nodes with double failsafe Cisco router connections, with national fibre interlinks
- Wholly-owned nodes are available in Northern Ireland and the UK, and by partnership to 146 international destinations

### Peace of mind for you

- Three different SLAs are available covering guaranteed circuit availability, as well as provisioning timelines

### Did you know?

- More than 200 major organisations have chosen eircom **business IP** as their WAN platform of choice
- Only eircom has made its IP network available to customers nationwide since 2001; our skilled engineers have a proven track record in supporting MPLS enterprise networks, offering more peace of mind for you

## How does MPLS work?

MPLS is a technology that allows traffic to be delivered more efficiently over networks, without sacrificing security. MPLS is widely recognised as an essential component of IP networking, and only the eircom **business IP** network offers MPLS nationwide in Ireland.

MPLS works by establishing private data tunnels, or VPNs, that securely connect sender and recipient without the need for a physical point-to-point link. MPLS also makes traffic flows more efficient, and facilitates traffic prioritisation, because it decides the path of data and labels the data for transmission at the customer edge router. That way, routers along the network need only check the data's label, not its contents or destination IP address, thus making data routing faster and more efficient.

- Better flexibility for your business: these qualities of MPLS mean that provisioning is fast and easy - you can set up an unlimited number of VPNs as you need them, as your business dictates.
- MPLS supports your working groups: MPLS allows groups of employees to collaborate securely, so even dispersed groups can efficiently co-operate on projects.
- Ideal for traffic prioritisation: MPLS offers the support you need in order to prioritise your applications over the network; eircom experts can help you develop an application hierarchy that supports your business.
- Choose Quality of Service that suits you: eircom business IP is QoS ready. Choose from one of twelve Class of Service Profiles: Multimedia Class (four variants) Premium Class (five variants) Business Class (two variants) or Standard Class depending on your needs.
- Flexible Class of Services Profiles can be assigned on a VPN by VPN basis for customers using ethernet as an access method to the eircom **business IP** network.

**For more information on how eircom business IP can benefit your business, contact your eircom account manager**