

 **Connect**

Managed MPLS



 **24Seven**

Connectivity without compromise

Managed MPLS

Flexible and scalable, enjoy the best of both worlds

MPLS or Multiprotocol Label Switching is a type of private network connection that allows multiple sites to be connected together to share IP services and data. This data could be servers located at a central office with remote offices that need fast access. The data stored on these central servers can be email, files, printers, customer databases or web based applications like intranets.

Traditionally, sites can be joined together over the internet using VPN tunnels or connected using a series of point-to-point circuits. However, as more sites are added over time this method is not very scalable and typically leaves a central site as a single point of failure.

MPLS allows 'any-to-any' communications allowing each to connect without the need to traverse a central site. It also significantly reduces the amount of bandwidth needed at the central location as only data with the final destination of the central office is delivered to that location.

There has also been a significant shift from centralised IT offices to Colocation services where an organisation's IT infrastructure is stored remotely at a datacentre. There has also been a trend towards a public cloud architecture where data is stored on infrastructure that is rented rather than owned.

Whether central, colocated or stored in a cloud, an MPLS solution is a cost effective way of delivering low latent connectivity to any worldwide location.



MPLS is normally very cost effective because the core network is shared amongst multiple customers. Using labels, each customer is segmented to guarantee the security and the integrity of their data. Each customer is allocated their own routing table so that multiple customers can have the same IP address scheme.



Product benefits and features:

- A fully managed network with complete visibility and monitoring 24/7/365
- 4 hour SLA on wireless and 5 hour SLA on fibre
- Seamless integration of all sites globally, irrespective of access mechanism
- Eliminates multiple IPSec VPN connections
- Reduced costs – less management overhead, easily scalable bandwidth and no hidden costs for moves and changes
- Rapid deployment
- In-built resilience and no single point of failure
- Scalable – any site (international or national) can be added on to a MPLS using a combination of copper, fibre and wireless circuits
- Accessible – MPLS can be delivered over wireless, fibre and copper connections
- Secure – MPLS allows for segmentation between customer networks

Business benefits:

Scalable:

Any site, international or national can be added onto MPLS using a combination of copper, fibre and wireless circuits. MPLS enables the seamless incorporation of additional sites into a Wide Area Network (WAN). This flexibility is extended to the multiple access mechanisms that can just as easily be incorporated into an existing MPLS network.

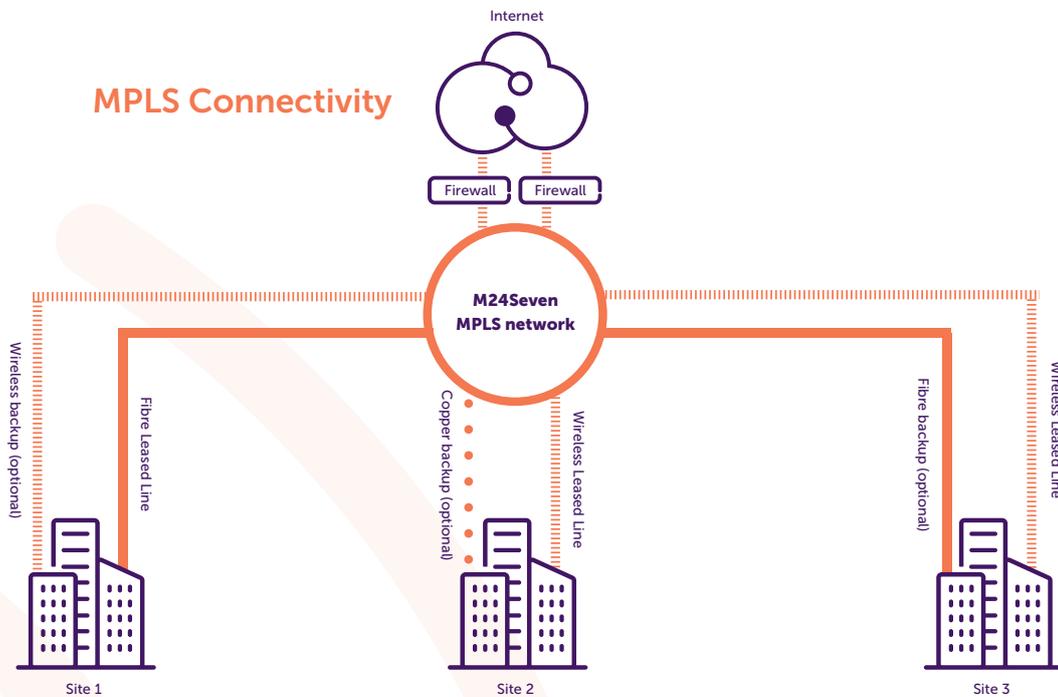
Accessible:

MPLS connection can be delivered over wireless, fibre and copper connections. Using our network of local and international support

M24Seven can deliver an MPLS connection to virtually any building in the world. The MPLS network enables more efficient network traffic and better performance.

Secure:

MPLS allows for segmentation between customer networks. We can offer true resilience using a combination of wireless and wired circuits. Traffic no longer needs to traverse the public internet, resulting in considerable improvements to performance, reliability and security.



You may also be interested in:

- Wireless Connect
- Leased Lines
- EFM
- FTTC
- Bonded FTTC
- VPS Cloud Infrastructure