

Share data

QUICKLY and SECURELY

on a private network

JT MPLS SPECIFICATION

If your business needs to share data, voice or video traffic between offices around the world, JT MPLS may be just what you're looking for. JT MPLS is our Multiprotocol Label Switching solution designed specifically for businesses.

It's a completely flexible service that allows you to share data quickly, securely and cost-effectively between any number of sites as your business grows. The more sites you choose to connect to the network, the more cost-effective the service will be. Above all, it's fully managed for you, so you know that the network is being monitored 24/7/365 and we're on hand to resolve any issues you may have.

JT MPLS – BUSINESS BENEFITS

Flexible – Configure your data connections to suit your specific business needs

Fully managed – Monitored 24/7/365 to give you peace of mind

Scalable – The more sites you connect, the more cost-effective JT MPLS will be

High performance – Fast, secure data transfer with priority for real-time applications

HOW DOES IT WORK?

It's simple. Your business data is carried along a customer delivery circuit connected to JT's global MPLS network.

This means you can link two or more sites anywhere around the globe via a point-to-point or point-to-multipoint network using a single delivery mechanism.

JT MPLS gives you the flexibility to configure connections in a way that best suits your business.

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WHY USE MPLS?

JT's MPLS services are provided via local Private Circuits to MPLS Points of Presence (PoPs) at the locations required. The IP traffic is then securely transported using virtual circuits between each PoP.

All that's required at each site is a local connection into the JT global network. Using our high capacity fibre optic links with the UK and Europe, we can then connect that site to other locations across the world.

HIGH PERFORMANCE FOR PRIORITY DATA

JT MPLS is designed to prioritise urgent over non-urgent traffic so that business-critical and real-time application data is unaffected by the level of traffic on your network and transmitted without delay or interruption.

Factors taken into consideration include source and destination ports, application protocol and the business source or destination IP addresses. Once analysed, each traffic type is then allocated to an available Class of Service (CoS) and managed accordingly. JT provides five Classes of Service:

	Application Set	Service Provider	CoS Group Description
Level 1	VoIP	Voice	Optimised network performance for real-time applications such as Voice-Over IP that have stringent delay and jitter performance requirements with small packet sizes.
Level 2	Citrix, Video Conferencing, etc.	Video	Optimised network performance for real-time applications such as Video Conferencing that have stringent delay and jitter performance requirements with variable packet sizes.
Level 3	Streaming Services	Critical data	Designed for applications that can tolerate minor network latency, such as video streaming and online education.
Level 4	Transaction Services	Interactive data	Designed for applications that can tolerate minor network latency, such as data transactions, but have larger packet sizes.
Level 5	Web, FTP, Email	Standard data	Applicable for most IT applications that require good interactive performance, can tolerate a degree of network latency but are more sensitive to packet loss than applications such as email.

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MANAGING YOUR GLOBAL CONNECTIONS 24/7/365

As part of our service, we'll help you set up and configure your network, give you router backup and provide or remove IP VPN and access circuits, as well as routine maintenance and fault resolution.

Our management MPLS service means that we can offer the following benefits to local businesses:

- 24/7/365 incident management 365 days a year
- 24/7/365 fault desk, to log any incidents
- Access to an info centre

We can also provide real-time, monthly or annual reporting on:

- Router availability
- Router capacity and group summaries
- 24/7/365 WAN utilisation and group summaries
- 24/7/365 CoS and group summaries
- Latency or jitter and group summaries

TERMS & CONDITIONS

The JT MPLS - MPLS Service is provided under and subject to, the JT Data Services Terms & Conditions of Service. Customers are strongly advised to read these Terms & Conditions on our website, before applying for the Service.



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