

MPLS Explained

Multiprotocol Label Switching

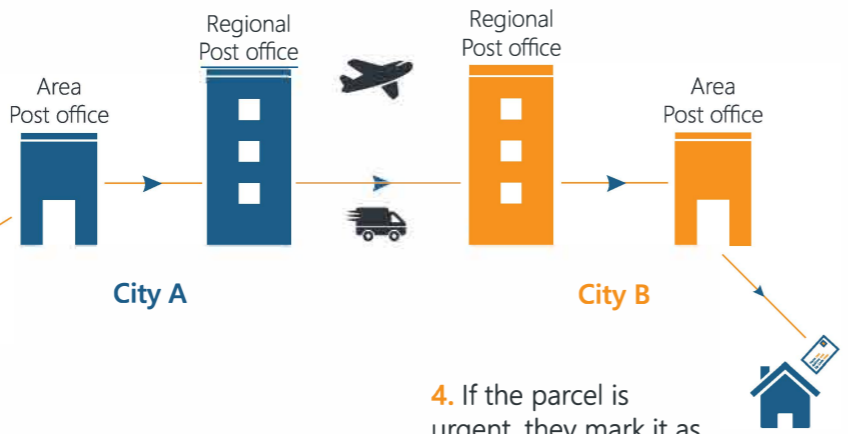
2. The courier company does not use the full address for delivery. They use the postal/zip code

3. The postal/zip code is intelligently designed to represent the area, city and country e.g. zip code 12345 will represent:

- 1: country name
- 23: city name
- 45: area within the city



1. When you need to send a letter or a parcel to a friend, you put his/her name, address and the postal code & drop it at the courier



4. If the parcel is urgent, they mark it as priority & expedite its delivery

MPLS works exactly like this!

1. When you want to share information with your colleagues or partners in other offices, it is sent in the form of packets (parcels) to the MPLS router (courier area office) along with the IP address of the recipient's address (street address)



2. MPLS router (network area office) appends a "label" to the packet



3. The MPLS network uses the label and not the IP address to route the packets to the destination

4. Certain types of data (such as voice) is labelled as priority (expedited delivery) over other packets (such as emails, Internet)



6 REASONS WHY YOU NEED MPLS

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STRONG FOUNDATION
- 
DATA SECURITY
- 
EASIER TROUBLESHOOTING
- 
OPTIMIZED BANDWIDTH
- 
BUSINESS CONTINUITY
- 
PLUG & PLAY