





Common features den	loved in developing cou	Intri	es.	
Wide implemention	Main Reasons	Why widely?		
MPLS L3 VPN	Full-mesh-like VPN     Cost reduction	• Go • Eas	<ul><li>Good and clear benefits</li><li>Easy and cheap to deploy</li></ul>	
Moderate implementation	Main Reasons		Why moderately?	
MPLS L3 VPN with OVERLAPPING VPNs	<ul> <li>Centralized services</li> <li>Extranets</li> </ul>	Limited information, interest of particular needs     Limited specialization		
MPLS TRAFFIC ENGINEERING	Advanced traffic balancing in complex topologies			
PWE3 (Point-to-Point)	All services brought together above MPLS	Moderate market demand     Some SPs still prefer legacy		
PWE3 (VPLS)	PtP is easier to deploy but VPLS more flexible.		rowing but moderate deman pensive upgrade	
Low or non implementation	Main Reasons		Why low or not?	
MULTICAST VPNs	Multicast transport over MPLS VPNs		<ul><li>Low market demand</li><li>Complex deployment</li></ul>	
GMPLS	Unify the control plane to simplify operation		Limited information	

























## Recommendations

## Strategic training

Vital that proper training on MPLS applications should be focused not only on Technical Staff but also on Project Managers and Sales Representatives.

This accelerates the implementation of new MPLS features, such as VPLS, as customers become more aware of technological improvements.

## Strategic deployment

Metro Ethernet accesses and VPLS, whilst being moderately deployed in most developing countries, are becoming the norm for most Service Providers.

Might this be leading us to upcoming technologies such as PBT and T-MPLS?

## Strategic investment

IP, MPLS and Ethernet related technologies make for a solid investment as backbone technologies.

