

MPLS: Commercialization and Evolution

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- MPLS is already a commercial success
 - Deployments too many to track (well in the hundreds)
 - MPLS-based L2 and L3 VPNs will bring in \$3.3B US in worldwide 2004 service provider revenues, growing at 30-40%/year (Infonetics)
 - Enterprises also deploying MPLS internally
- However, we ain't seen nothing yet!
 - FRR, L2 endpoint interworking (FR/ATM/Ethernet) over MPLS, ATM control plane interworking, MPLS multicast, MPLS OAM, inter-provider MPLS VPNs, VPN autodiscovery, GMPLS for ASON and SONET/SDH, etc. are all actively being worked or close to finishing in the IETF, MPLS & FR Alliance, and ITU-T
 - As the standardization completes and these standard, interoperable capabilities make their way into products, MPLS will become the *COMPELLING* infrastructure and VPN technology
 - It used to be said that "Ethernet always wins"; in the future we'll say that "MPLS always wins"