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- Range from very large to fairly small
- Range from one location to global presence
- Some using Traffic Engineering Growing interest in FRR for VoIP
- Primary Driver is Segmentation Security is the overarching theme Many variations on this theme MPLS VPNs seen as an enabling tool

MPLScon

"MPLS is being deployed because it has an immediate and direct benefit to the network. The long-term impact of MPLS is difficult to anticipate because of the innovations that it enables. This is, in part, one of the indicators of an architectural change, as opposed to an evolutionary change, which would have clear, immediate, and foreseeable consequences."

Tony Li, "MPLS and the Evolving Internet Architecture", IEEE Communications, December 1999

MPLS: Keys to Success

- Acknowledgement that IP won!
 Primary applications are IP services
 IP based Control Protocols
- Simple forwarding paradigm
- Flexibility in label semantics and stacking
- Flexible control plane tied directly to applications

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