

ENTERPRISE SOLUTION

MPLS ADD-ON Solution Brief

Limitations of Traditional MPLS

Enterprises have typically connected their branch offices through a private Multi-Protocol Label Switching (MPLS) data service. While reliable, traditional MPLS based Wide Area Network (WAN) have two clear limitations:

- (1) Cost prohibitive: up to 10X the price of typical Internet connection
- (2) Lack of general availability: coverage issues, local loop complexity

We've found that roughly 8% of MPLS based WAN branches aren't actually MPLS at all – they're over the public Internet because of reach or high cost. This means almost 1 in every 10 MPLS branches doesn't adhere to corporate WAN policies (security, application assurance, redundancy, and etc). Enterprises that can, spend more than twice as much to incorporate remote sites, compared to urban sites.

Enterprise Class WAN, Leverage the Internet

Today, savvy network administrators are looking for creative ways to get all the benefits of MPLS, but control costs and maintain uniformity across the WAN. To satisfy these requirements we offer a solution to create a consistent network platform that enhances communication and coordination to include the troublesome 8%. Our cutting edge technology combines multiple low-cost Internet connections into a single, faster and more reliable connection onto which we layer a centralized firewall, end-to-end Quality of Service (QoS), and WAN monitoring management.

Prepare For the Future

Network technology enables people to communicate to one another. It allows devices to speak to each other in the form data transmission. And, with the average enterprise projected to manage 50 times more data by 2020, the infrastructure supporting the flow of traffic needs to be simple, scalable, and secure. MPLS is one way to ensure real-time application quality on increasingly congested networks, but for a complete solution you need to supplement MPLS. We help your branches that are missing from your MPLS WAN prepare for the future with our MPLS Add-On solution.

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About Us

We make networking simple and reliable for organizations. KTI is changing the traditional telecom and networking model with our breakthrough Internet-enabled solution that allows Enterprise and SMB customers to simplify their WAN and mitigate the risk of downtime while relieving issues of scale, security, and quality.

	<u>URBAN</u>	<u>RURAL</u>
MPLS	~\$350/mo	As high as \$1,700/mo
Bonded Internet	~\$350/mo	~\$350/mo

Benefits

Crystal Clear Voice

Sufficient bandwidth, low latency, with no packet loss.

Multi-Carrier Solution

Added redundancy and no dependence on a single carrier.

Cost Reduction

Combines multiple readily available low-cost Internet connections.

WAN Link Redundancy

Seamless failover that maintains session traffic, security, and policies.

The average MPLS WAN:

92% of branch sites are linked to MPLS network

8% are missing out

