

ENTERPRISE SOLUTION

PWAN Solution Brief


Why PWAN?

Multi-site businesses are faced with the challenge of managing traffic routes from site to site quickly and securely using some form of Private Wide Area Network (PWAN). The four most critical factors to consider are:

- 1. Security:** Recent massive data breaches at many large, multi-site enterprises (impacting tens of millions of people) highlight the importance of having safeguards in place to protect your valuable digital information and to meet industry compliance requirements.
- 2. Cost Control:** Organizations spend almost five times as much to incorporate remote sites compared to urban sites due to logistical complexity. The significant over-spend in both CapEx and recurring monthly charges needs to be contained.
- 3. Reliability:** Network failures are inevitable; often caused by way of accidentally cut lines, weather and environment issues, hacking, or other unforeseen issues beyond the control of the service provider. Businesses need a reliable failover system that can respond quickly and gracefully.
- 4. Availability:** Almost 1 in every 10 MPLS branches transmit over the public Internet because of lack of general availability. The ability to easily add users and nodes regardless of geography is a must to future-proof your WAN and meet ever-increasing expectations.

Side by Side Comparison

Bonded Internet™ PWAN compares strongly against today's WAN technologies: Carrier Ethernet, MPLS, and Public Internet.

	<u>Security</u>	<u>Cost Control</u>	<u>Reliability</u>	<u>Availability</u>
HIGH  Low	Carrier Ethernet	Internet	Bonded Internet	Internet
	Bonded Internet	Bonded Internet	Carrier Ethernet	Bonded Internet
	MPLS	MPLS	MPLS	MPLS
	Internet	Carrier Ethernet	Internet	Carrier Ethernet
<i>Goal</i>	<i>private & robust security features</i>	<i>leverage commodity connectivity</i>	<i>seamless failover & near 100% uptime</i>	<i>ubiquitous & simple</i>

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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.

Summary

Your goal is to bring together a distributed organization into a secure, reliable, and affordable PWAN that easily accommodates changing requirements.

PWAN using **Bonded Internet™** provides the best overall solution to meet critical goals in a simple and convenient way in order to gain control of the WAN and prepare for the future.

Mitigate the security risks of BYOD and Cloud while providing the features users expect.

Benefits

Firewall & Encryption

The entire WAN is protected by a centralized firewall and/or encryption to control and manage data.

Packet Distribution

Spreading packets across multiple connections ensures the information can't be easily stolen.

Lossless Failover

If a connection fails, traffic dynamically and seamlessly re-routes over online connections ensuring calls aren't lost.

Stacked Bandwidth

Provides true aggregation of combined connections allowing for a simple solution to accommodate future bandwidth requirements.

Site-to-Site QoS

Users can enjoy clear voice and data transmissions with customizable queues and filters.