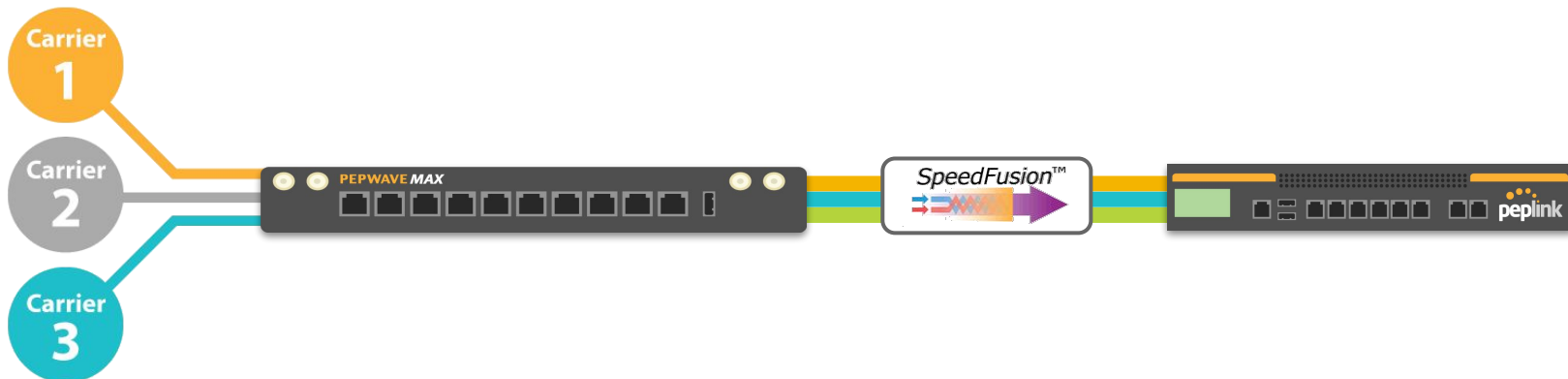


Peplink's SD-WAN: SpeedFusion

Peplink's SD-WAN: SpeedFusion



Overview



- Patented technology, creating a **single VPN across all WANs**.
- Bandwidth from multiple WANs are bonded at the **packet level**.
 - 256-bit AES encrypted traffic utilizes all healthy WANs.
 - Aggregated speed, even for a **single user or session**.
 - Sessions persist, even when individual WAN links lose connection.

Peplink's SD-WAN: SpeedFusion



Overview

- **Peplink to Peplink VPN**

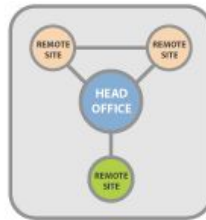


- **2x SpeedFusion capable units (min)**
 - Different models of Peplink/Pepwave devices can create different levels of PepVPN/SpeedFusion
- **Public IP on at least 1x WAN connection**
 - If the WAN is not a Static Public IP, register it with a supported **DDNS** service and we can create **SpeedFusion** to the WAN DDNS host name

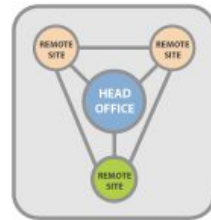
- **Multiple Configuration Types**



Point to Point



Star
(Point to Multi-Point)



Full Mesh

- **Multiple Deployment/Setup Methods**



Peplink UI

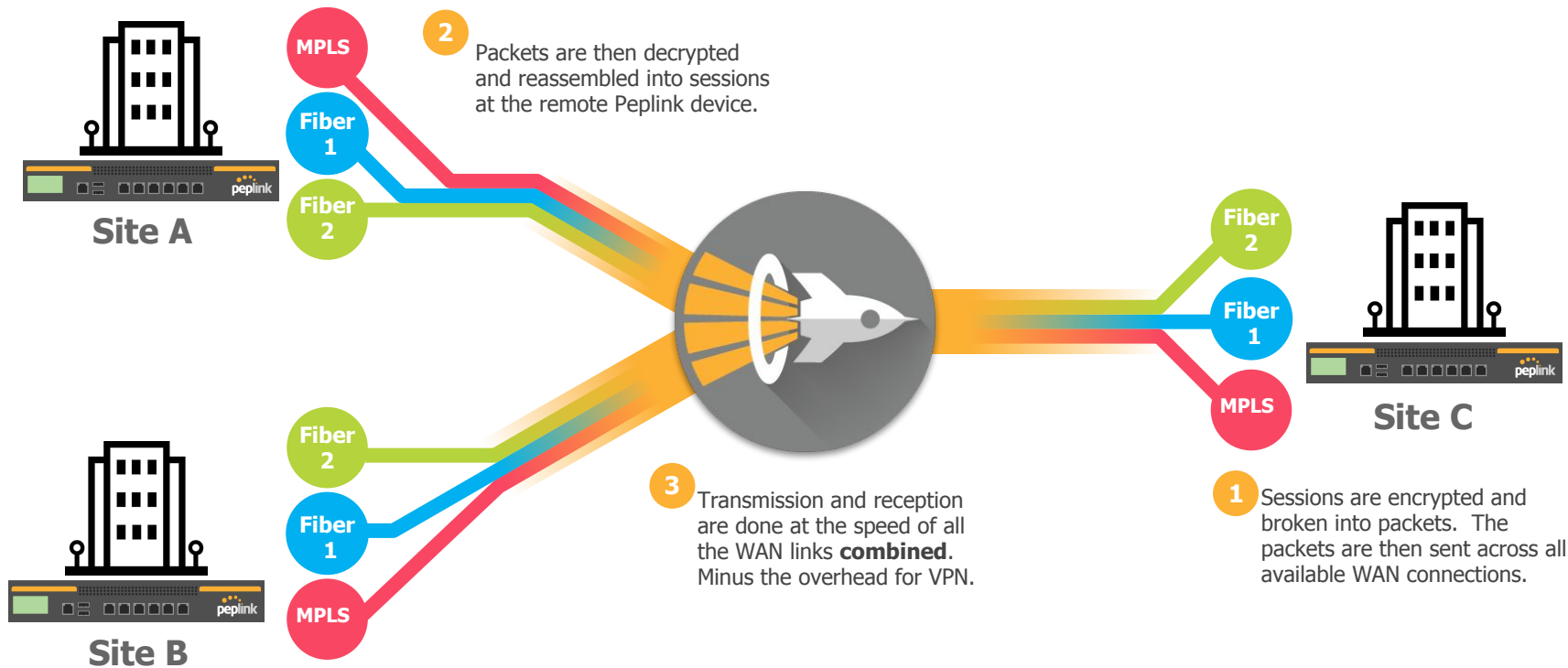
OR



Zero-Touch

SpeedFusion

How it works



Peplink's SD-WAN: SpeedFusion

Core Technologies



Bandwidth Bonding

BB

Combine the speed and bandwidth of multiple WAN connections.

Hot Failover

HF

Switch from one WAN connection to another while keeping your sessions intact.

WAN Smoothing

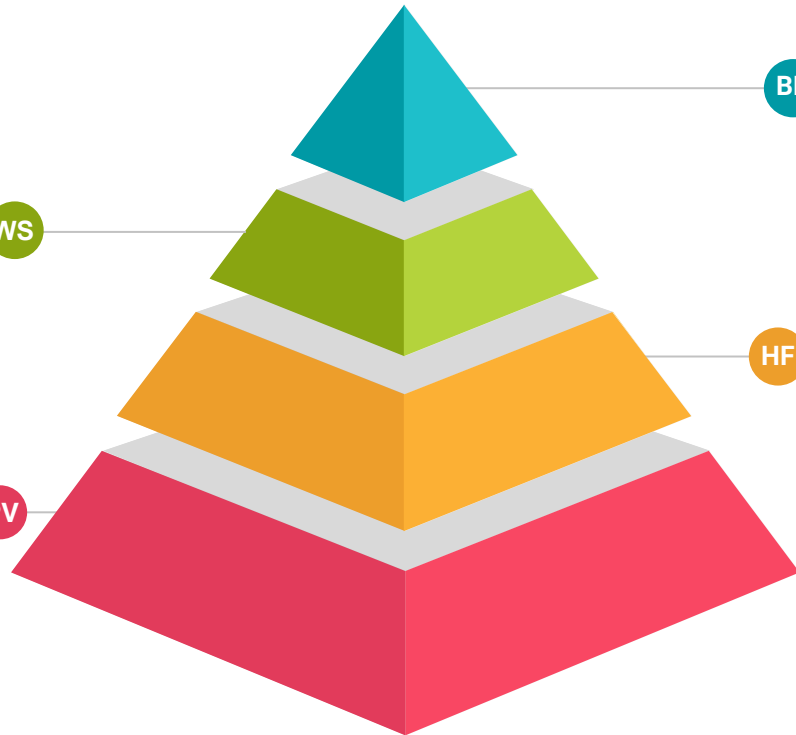
Use multiple WAN connections to create a single, jitter-free data stream.

WS

PepVPN

Offers the benefits of IPsec, plus a variety of performance and reliability features.

PV



SpeedFusion: Hot Failover

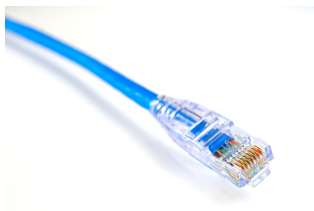


Enables you to change connections while keeping your session intact.

Verticals and applications that benefit from Hot Failover:



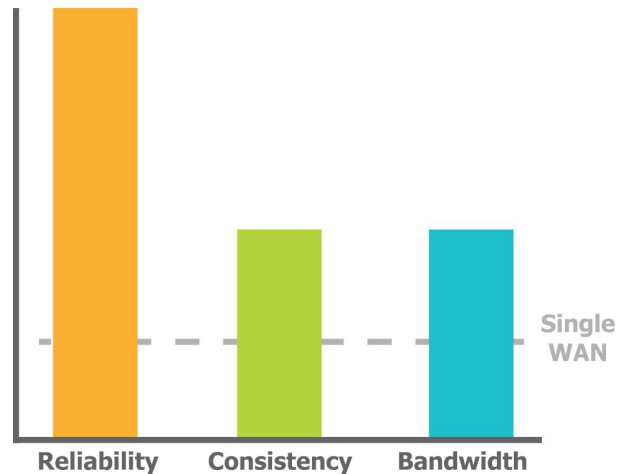
Small Offices



Long-Distance Ethernet



Retail Connectivity



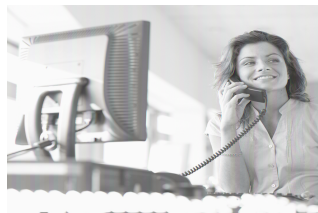
Useful for deployments where you need reliability while keeping costs down.

SpeedFusion: WAN Smoothing



WAN Smoothing uses bandwidth to cover rough spots in connectivity.

Verticals and applications that benefit from WAN Smoothing:



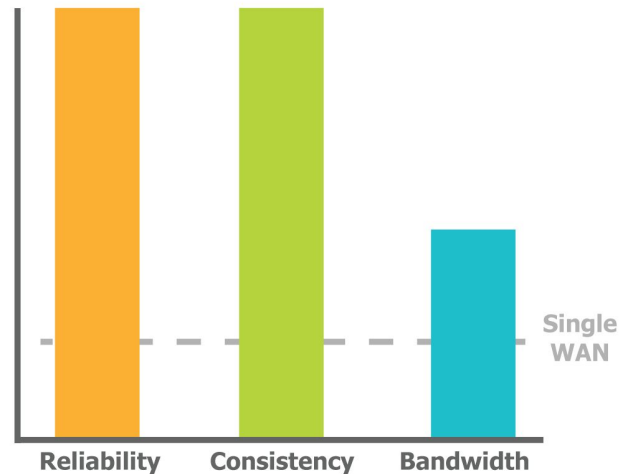
VoIP



Videoconferencing

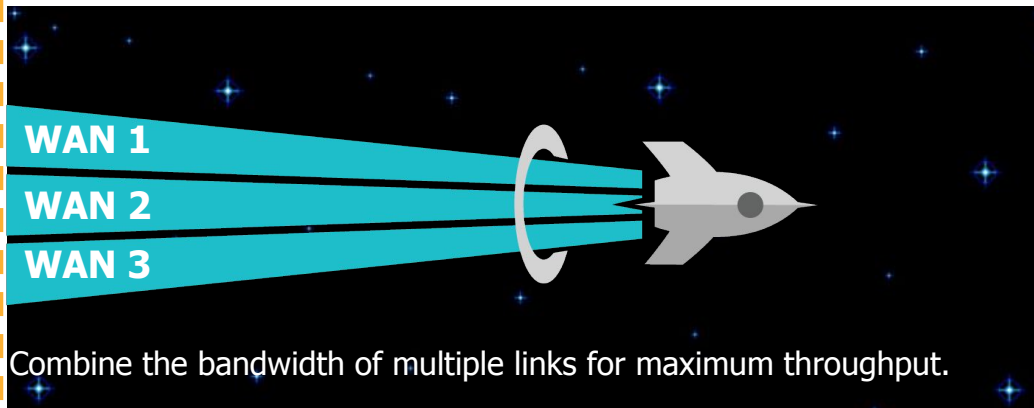


TV and Radio Broadcasts



Useful for deployments where improving consistency is more important than improving bandwidth.

SpeedFusion: Bandwidth Bonding



Combine the bandwidth of multiple links for maximum throughput.

Verticals and applications that benefit from Bandwidth Bonding:



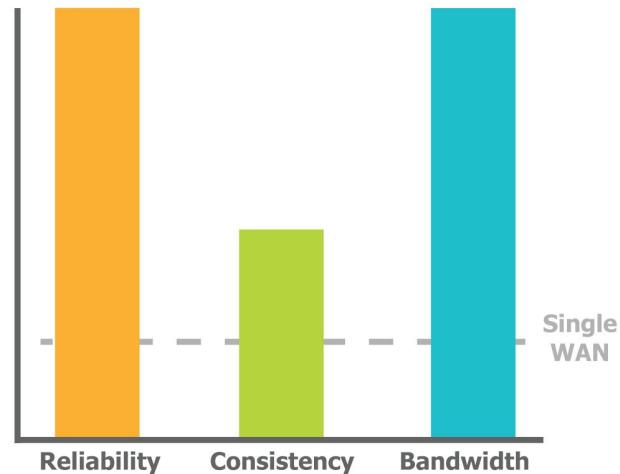
MPLS Alternative



Remote Surveillance



In-Vehicle Connectivity



Useful for deployments where you need as much speed as you can get.

SpeedFusion: Core Technologies



	Hot Failover	WAN Smoothing	Bandwidth Bonding
Provides:	Unbreakable Sessions	Reliable Streaming	Blazing Speed
Applications	<ul style="list-style-type: none">• ATM• POS• Retail• Online trading	<ul style="list-style-type: none">• VoIP• Videoconferencing• Live Broadcasting	<ul style="list-style-type: none">• MPLS Alternative• Remote Area Cellular Connectivity.• Branch Office VPN• Transportation / Maritime
Customers	