

# SpeedFusion™ and PepVPN

Unbreakable VPN. Unbeatable Performance.



**Bond Any Connection**

4G LTE/3G  
MPLS  
ADSL  
VSAT



**True Packet Level Bonding**

**Bandwidth Bonding**

**Unbreakable VPN**

**Long Distance Ethernet Cable**



Transportation



Public Safety



Broadcasting



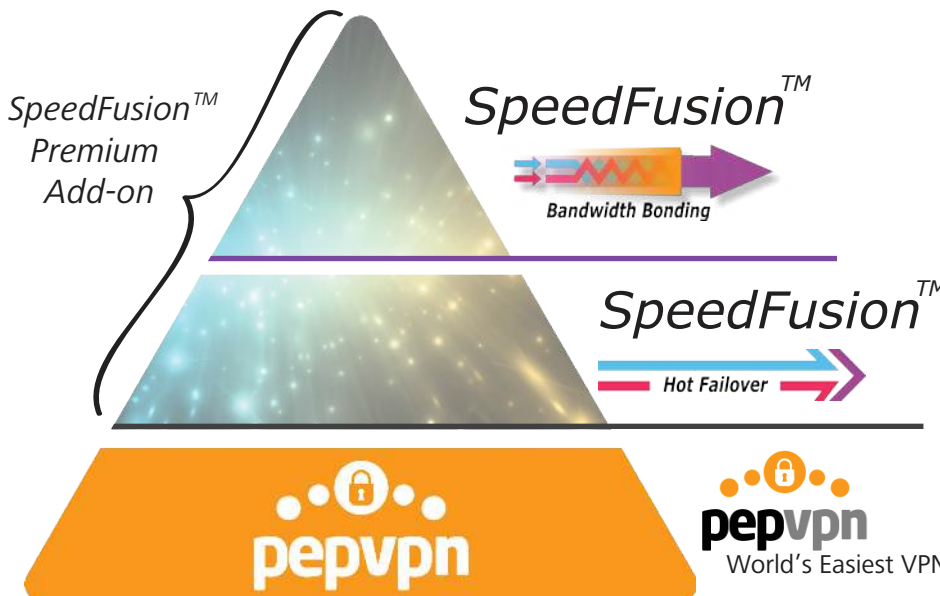
Retail



Branch Networking

Our patent-pending SpeedFusion technology powers enterprise VPNs that tap into the bandwidth of up to 13 low-cost cable, DSL, 4G LTE/3G, and other links connected anywhere on your corporate or institutional WAN. Whether you're transferring a few documents or driving realtime POS data, video feeds, and VoIP conversations, SpeedFusion pumps all your data down a single fat datapipe that's budget-friendly, ultra-fast, and easily configurable to suit any networking environment.

PepVPN is introduced to make it even easier to migrate to SpeedFusion. Whether you want all the benefits of SpeedFusion right away or whether you prefer to migrate in stages, our new three-tier structure makes it simple, affordable, and convenient.



Balance 210/310/One  
305<sup>^</sup>/380/580/710/1350/2500  
MAX 700/HD2/HD4  
MAX On-The-Go\*

MAX BR1

Balance 20/30/30 LTE/50  
AP One/AP Pro  
Surf On-The-Go/SOHO  
Device Connector

<sup>^</sup> Available as an optional add-on.  
\* Available in selected models.



## pepvpn – Possibly the World's Easiest VPN.

PepVPN is our foundation VPN engine. It is ideal for establishing a secure tunnel over any WAN link. On top of all the benefits of IPsec and other conventional VPN technologies, the PepVPN engine also offers:

- **Long-distance Ethernet cable** – PepVPN allows a secure and seamless Ethernet tunnel over any IP connection (Layer 2 over Layer 3). It virtually provides a long-distance Ethernet cable over any WAN link.
- **Seamless transition** – PepVPN and SpeedFusion share the same foundation VPN engine. It means all your PepVPN and SpeedFusion devices will work flawlessly together. It also allows you easily upgrade a PepVPN endpoint to SpeedFusion, to take advantage of the added benefits, without having to worry about compatibility.
- **Works in any dynamic IP environment** – PepVPN is fully compatible with any dynamic IP environment and NAT, allowing you to establish a VPN behind a NAT gateway or firewall without worrying about static IP addresses.

## SpeedFusion Hot Failover – Unbreakable VoIP and VPN.

SpeedFusion Hot Failover is a premium add-on that manages multiple redundant connections to keep VPNs and VoIP deployments up and running at all times.

- **Easy setup** – Just add connections, you can even mix wired and wireless links of different WAN technologies.
- **Unbreakable VoIP and VPN** – With other VPN technologies, WAN failover terminates existing VPN connections, creating costly downtime. SpeedFusion Hot Failover prevents this by maintaining secure tunnels over all available WAN links. In case of a WAN failure, SpeedFusion Hot Failover will instantly and seamlessly switch traffic to another available tunnel. This provides **unbreakable VPNs and VoIP sessions**.

## SpeedFusion Bonding – Packet-Level Bandwidth Bonding.

Working hand-in-hand with Hot Failover and PepVPN, SpeedFusion Bonding teams up all your connections to give you blazing throughput whenever you need it.

- **Multi-provider bandwidth bonding** – SpeedFusion Bonding combines multiple links from multiple providers into a single, superfast tunnel.
- **Automatic Hot Failover handoff** – SpeedFusion Bonding monitors connections and automatically turns control over to Hot Failover when links become unstable.
- **Easy, on-demand scalability** – Need more speed for mission-critical VPNs? How about temporary bandwidth for a specific project? With SpeedFusion Bonding, you can plug in connections from any provider and **get more bandwidth instantly**. And you can unplug connections at any time, keeping your connectivity costs under control.

## Feature Comparison

With our new three-tier structure, it's never been easier to migrate to SpeedFusion and see why customers around the world have replaced IPsec and other conventional VPN technologies. Still not sure which SpeedFusion technologies are right for you? Check out the handy chart below.

	IPsec	PepVPN	SpeedFusion Hot Failover	SpeedFusion Bonding
256-bit AES Encryption	●	●	●	●
PepVPN Engine	○	●	●	●
Ease of Use	○	●	●	●
Support Any Dynamic IP Environments	○	●	●	●
Seamless, Hot Failover – Unbreakable VoIP and VPN <sup>1</sup>	○	○	●	●
Bandwidth Aggregation	○	○	○	●
VPN Bonding Across Multiple WAN Links	○	○	○	●

<sup>1</sup> With other VPN technologies, WAN failover terminates existing VPN connections, creating costly downtime. SpeedFusion Hot Failover is completely automatic and invisible, so you won't miss a beat when switching between connections.



www.peplink.com