



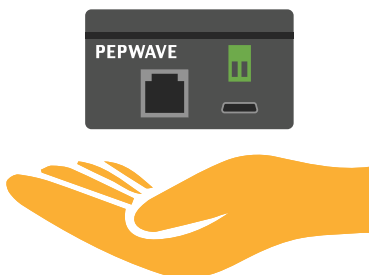
SpeedFusion Engine

Integrate SpeedFusion SD-WAN into any System



You have a product that needs to get connected anytime, anywhere. The best solution is to integrate unbreakable connectivity into your product. The SpeedFusion Engine helps you integrate SpeedFusion SD-WAN into your product, overcoming several key challenges:

Need to Minimize Footprint and Weight



Ultra-Compact SpeedFusion SD-WAN

The SpeedFusion Engine fits in the palm of your hand, making it easy to integrate into your existing products.

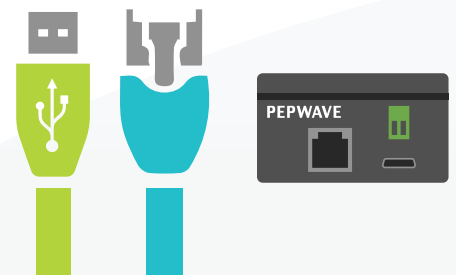
Cellular Coverage & Network Stability Not Guaranteed



Combine the Bandwidth of 2 Cellular Connections

With a Peplink router at HQ, SpeedFusion SD-WAN technology combines 2 cellular connections to ensure reliable connectivity, no matter where you deploy.

Integrating Cellular Connectivity is Complex



Plug-n-Play Integration, Low Power Consumption

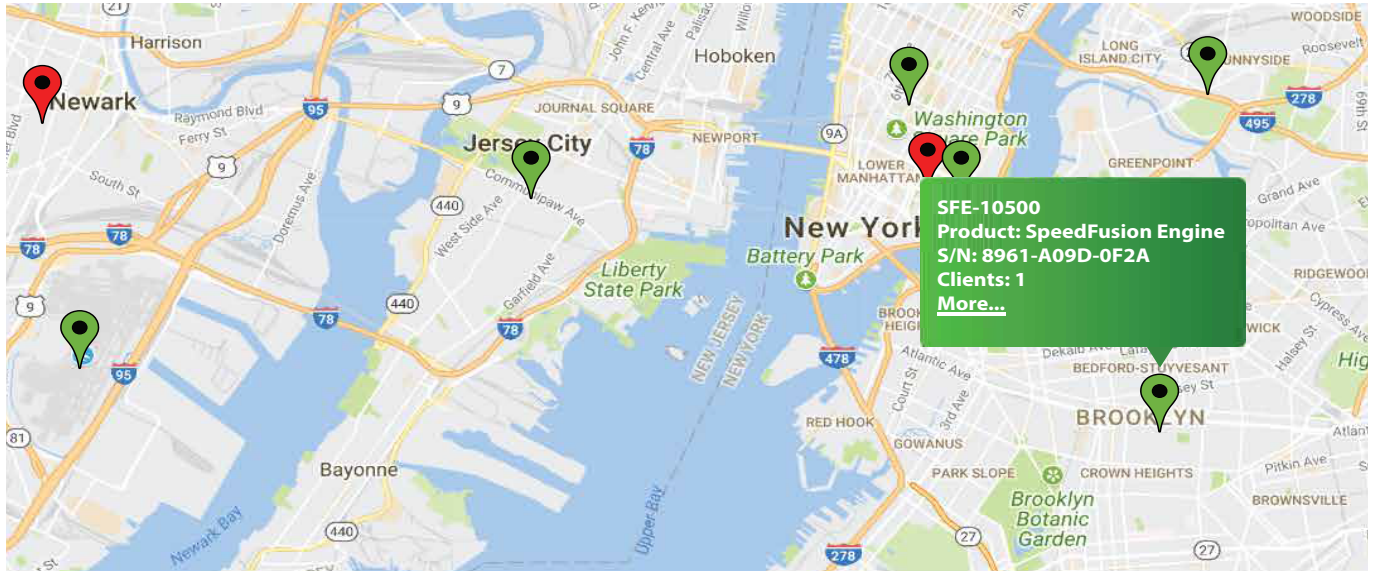
With an Ethernet port, a USB port, and 10W consumption, the SpeedFusion Engine can integrate with your devices without complicated software porting.

See and Manage Everything on InControl

Using Peplink's InControl cloud-based management platform, you can view detailed connectivity, data usage, and even location information on all of your SpeedFusion Engines. In addition, InControl is also capable of remotely accessing the SpeedFusion Engine's web admin, as well as applying batch configurations and firmware updates to groups of devices.

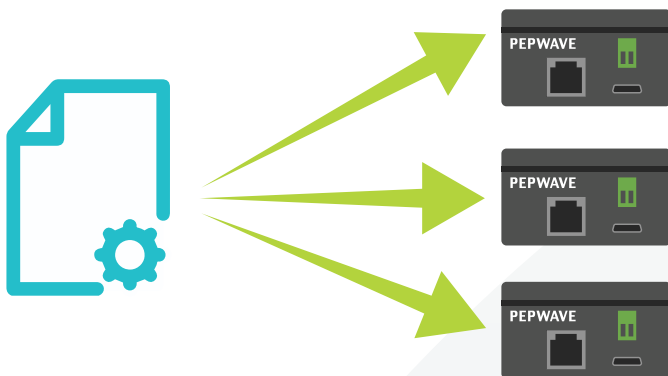


Device Location Tracking



Using InControl2, you can keep track of all the SpeedFusion Engines and other Peplink devices that you have deployed using a single map. Click any device to see where it has been at any given point of time, as well as the traffic and connectivity conditions at that time.

Group-Based Configuration



Apply a single configuration to groups of devices at the same time, this is useful for situations where you wish to preconfigure the SpeedFusion Engine before deploying it. Firmware configurations can also be pushed onto multiple devices, saving additional time.

Remote Web Admin

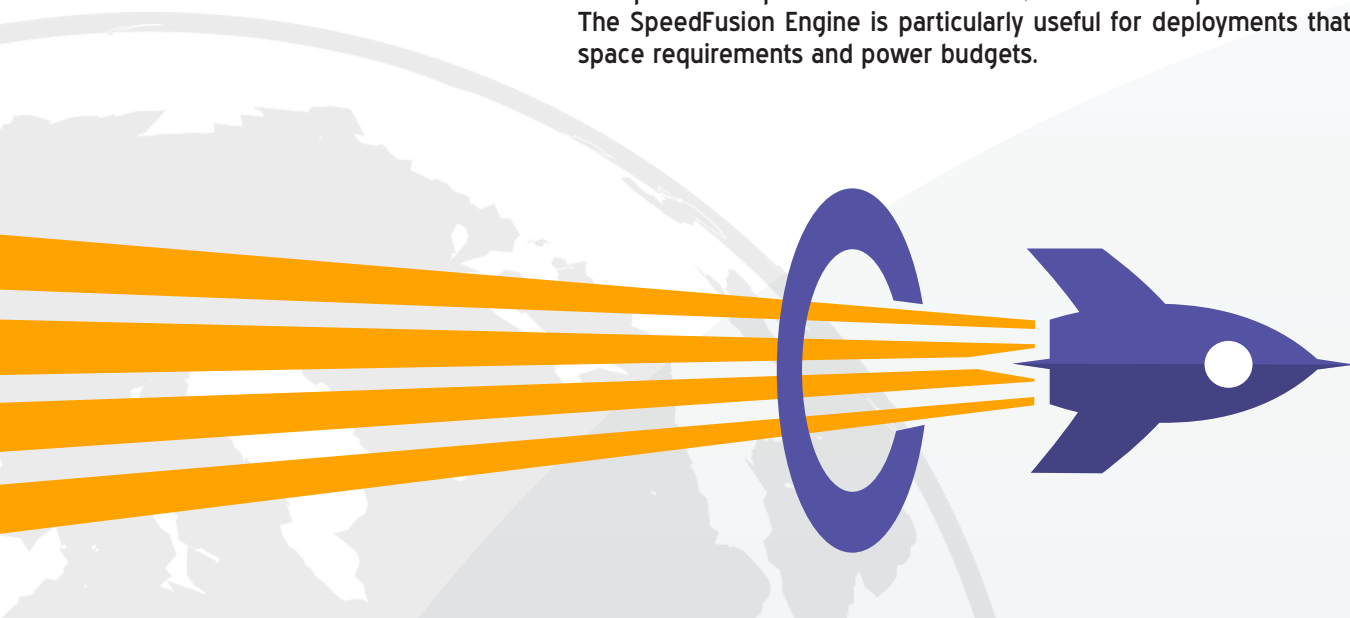


Use InControl2 to remotely access any connected device's web admin. There, you can perform almost any functions that you could perform if you were onsite. This feature enables remote troubleshooting, saving significant travelling and shipping time.



Integrate SpeedFusion Functionality

Place the SpeedFusion Engine in your product to give it the ability to connect to multiple cellular providers and form fast, unbreakable SpeedFusion connections. The SpeedFusion Engine is particularly useful for deployments that have tight space requirements and power budgets.



Join the Alliance

The SpeedFusion Alliance is a global coalition of solution providers who promote the use of SpeedFusion technology to improve connection resilience. SpeedFusion Alliance members are showcased on a portal that matches your location and services with what customers need. Alliance members also get exclusive access to a special version of FusionHub as well as affordable SpeedFusion CPE.



PRODUCT DATASHEET SpeedFusion Engine

Specifications

• Model	:	SpeedFusion Engine
• Recommended Users	:	1-60T
• WAN Interface	:	1x FE (shared ~), 2x Embedded LTE Modems
• LAN Interface	:	1x FE (shared ~), 1x USB Port
• Router Throughput	:	100Mbps
• LTE-A Modem	:	Downlink/Uplink Datarate: 300Mbps/50Mbps
• Cellular and GPS	:	4x MMCX Antenna Connectors
• Antenna Connector	:	1x MMCX GPS Antenna Connector
• Power Input	:	Terminal Block 12V-24V DC
• Power Consumption	:	15W (max.)
• Weight	:	350 grams
• Operating Temperature	:	-40° – 65°C
• Humidity	:	15% – 95% (non-condensing)
• Dimensions	:	2.95 x 3.25 x 1.65 inches
• Certications	:	FCC, CE, RoHS, E-Mark
• Warranty	:	1-Year Limited Warranty

Ordering Information

• Product Code	:	SFE-DUO-LTEA-P-ET
• Modems	:	2
• Cellular Standard	:	LTE Advanced
• 4G Bands/Frequencies (MHz)	:	B1/2100, B3/1800, B5/850, B7/2600, B8/900, B18/800 Lower, B19/800 Upper, B21/1500 Upper, B28/700 APT, B38/TD 2600, B39/TD 1900+, B40/TD 2300, B41/TD 2500
• 3G Bands/Frequencies (MHz)	:	WCDMA/HSPA+/DC-HSPA+: B1/2100, B5/850, B8/900, B9/1800, B19/800 Upper, UMTS: B6/800 TD-SCDMA: B39/1900

Features

WAN

Support for PPPoE, Static IP, DHCP
WAN Link Health Check
Bandwidth Allowance Monitor
Support for Dynamic DNS services
WAN Port Convertible into LAN Port

LAN

DHCP Server for LAN Clients
Extended DHCP Options
DHCP Reservation
DNS Proxy for LAN Clients
VLAN on LAN Support
Per-Port VLAN Support

Security

Stateful Firewall

DoS Prevention
Web Blocking
Web Filtering Blacklist

Complete VPN Solution

PepVPN / SpeedFusion Hot Failover
Site-to-Site VPN
Hot Failover
256-bit AES Encryption
Pre-shared Key Authentication
Dynamic Routing
IPsec VPN (Network-to-Network)

Networking

NAT and IP Forwarding
Static Routes
Port Forwarding

Many to One, One to One NAT
NAT Pool
SIP ALG, H.323 ALG
UPnP, NAT-PMP

Advanced QoS

User Groups
Individual Bandwidth Limit
Application Prioritization
SIP, HTTPS, VPN QoS
Custom Application QoS

Device Management

InControl 2 Cloud Management
Router Utility Mobile App
Active Client & Session Lists
Bandwidth Usage Statistics

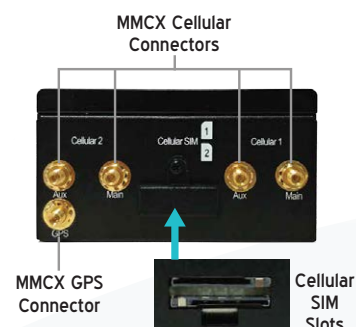
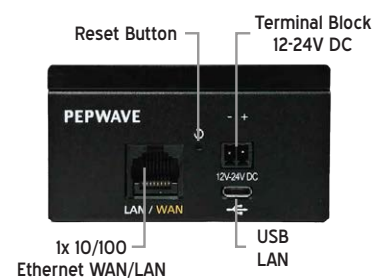
Web Reporting Services
Syslog Service
SNMP v1, v2c and v3

Global Positioning System

Integrated GPS
Device Location Map
Location Tracking Data
Fleet Management with InControl 2

Package Content

1x SpeedFusion Engine
1x Terminal Block



Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.