

# Peplink Enterprise Features



## Network Management

### Built-In Remote User VPN Support



Use L2TP with IPsec to safely and conveniently connect remote clients to your private network. L2TP with IPsec is supported by most devices, but legacy devices can also connect using PPTP.

### SIM-card USSD Support



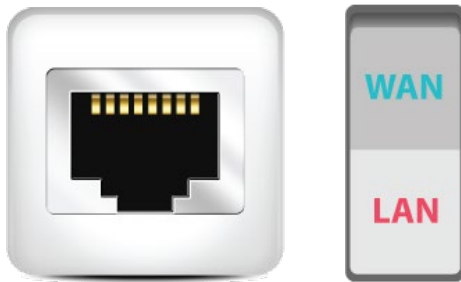
Cellular-enabled routers can now use USSD to check their SIM card's balance, process pre-paid cards, and configure carrier-specific services. [Click for full instructions](#)

### Time-Based Configuration

Enable and disable different functions (such as WAN connections, integrated AP, outbound policy, firewall, and PoE) at different times, based on a user-scheduled configuration profile. [Click for full instructions](#).

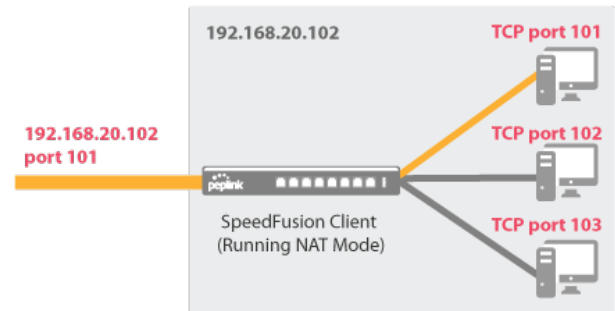
WAN 3				
Firewall Rule				
Outbound Policy				
PoE				

## LAN as WAN



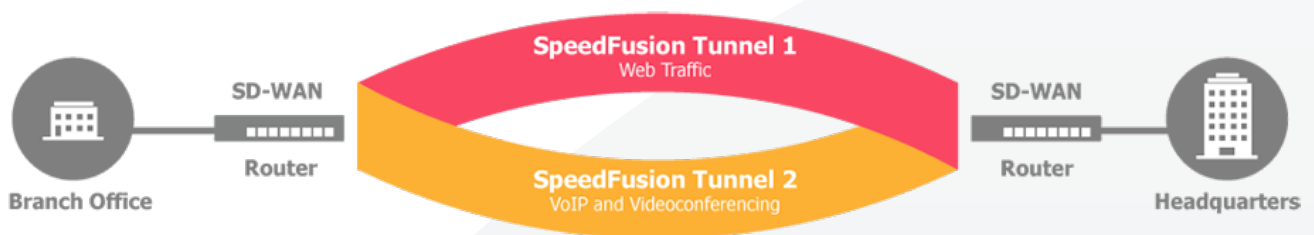
With a software license, you can convert up to 3 LAN ports into WAN ports as the situation requires. This feature is available on the MAX HD4 and the Balance One.

## PepVPN Port Forwarding



Designate ports for each of their LAN clients while running NAT Mode on PepVPN. This ensures that remote devices will be able to reach each LAN client individually. [Click for full instructions.](#)

## Configure Outbound Policies Within a SpeedFusion Tunnel



Create up to 5 SF tunnels from your Peplink router to the same remote location, each with different behavior. This gives greater control over how your network traffic is prioritised and routed. [Click for full instructions.](#)



## Network Resilience

### Drop-in Mode and LAN Bypass: Transparent Deployment



As your organisation grows, it needs more bandwidth. But modifying your network would require effort better spent elsewhere. In **Drop-in Mode**, you can conveniently install your Peplink router without making any changes to your network. And if the Peplink router loses power for any reason, **LAN Bypass** will safely and automatically bypass the Peplink router to resume your original network connection.

See Drop-In Mode Tutorial >



### High Availability via VRRP

When your organisation has a corporate requirement demanding the highest availability with no single point of failure, you can deploy two Peplink routers in **High Availability mode**. With High Availability mode, the second device will take over when needed.



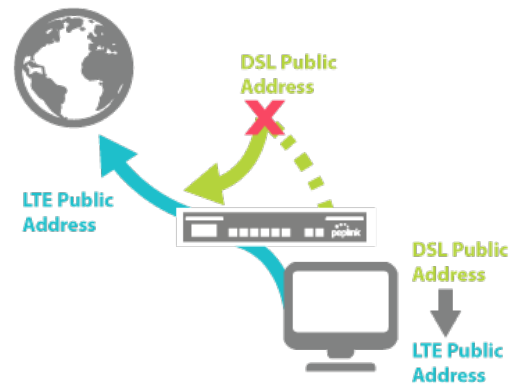
## USB Modem and Android Tethering



Video credits: 3Gstore.

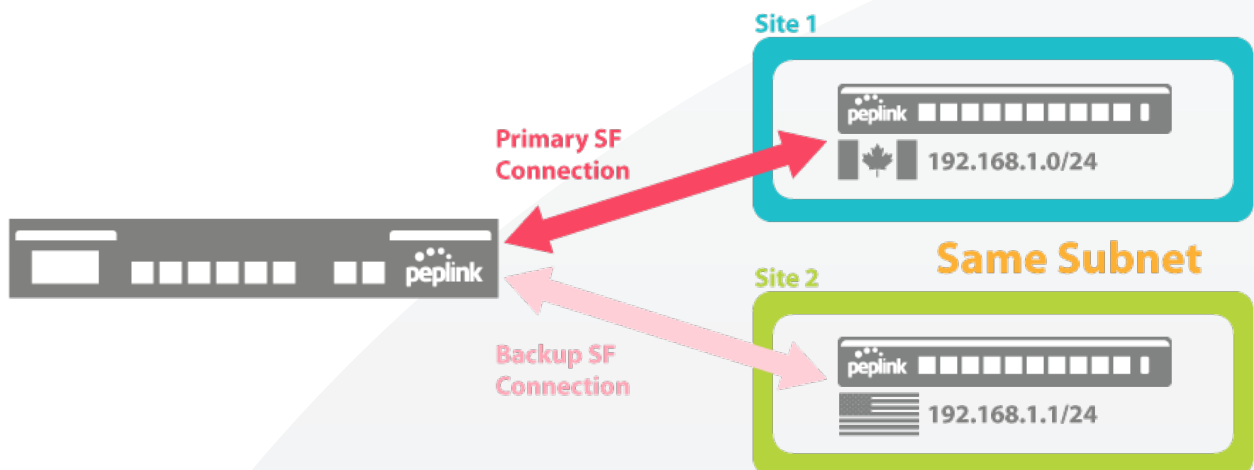
For increased WAN diversity, plug in a USB LTE modem as backup. Peplink routers are compatible with over **200 modem types**. You can also tether to smartphones running Android 4.1.X and above.

## IP Passthrough Failover



While using IP Passthrough, routers can now failover from a Ethernet WAN to a Cellular WAN, using public IP addresses throughout the whole process.

## SpeedFusion Disaster Recovery Support



When devices are connected to multiple SpeedFusion profiles, users can configure the OSPF cost of each SpeedFusion Connection. Remote networks are placed within the same subnet. This feature provides an additional layer of resilience to your SpeedFusion networks. [Click for full instructions.](#)



## Network Security

### URL Logging



Track all the URLs visited by each user. This is particularly useful for complying with government and enterprise security requirements. [Click for full instructions.](#)

### Content Blocking



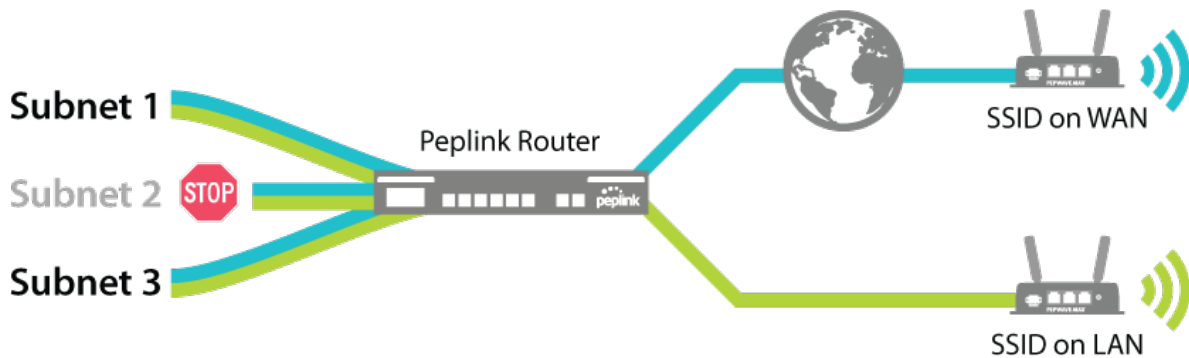
Prevent unwanted usage of your Internet access by blocking Internet traffic based on web domain and by application. [Click for full instructions.](#)

### Web Filtering Blacklists



Block domains from predefined web categories (e.g. adverts, file sharing). 2 levels of blacklists are available: light and full. The full version supports a larger blacklist with more specific categories. [Click for full instructions.](#)

## Guest Protection of Subnets



Block specified subnets from clients accessing the network using guest SSIDs. This feature works for both LAN-based SSID and WAN-based SSID, and can be configured to block access to Private IP addresses, block user-defined subnets, or block all subnets except ones on a whitelist.



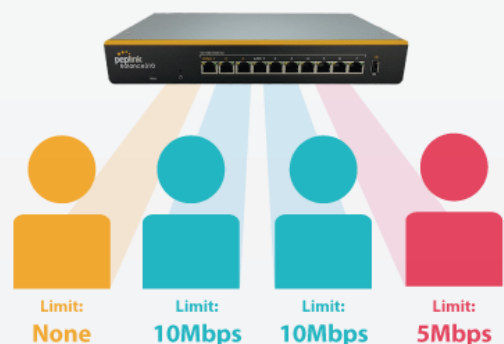
## Traffic Management

### QoS: Clearer VoIP



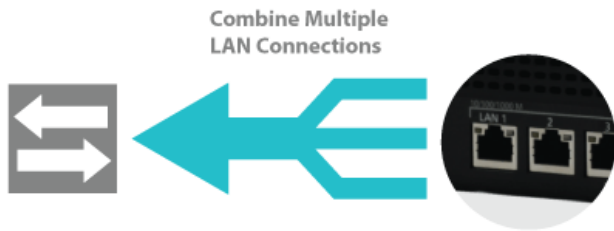
VoIP and videoconferencing are highly sensitive to latency. With QoS, Peplink routers can detect VoIP traffic and assign it the highest priority, giving you crystal-clear calls.

### Per-User Bandwidth Control



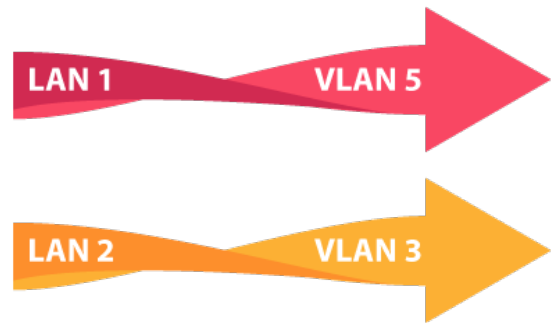
With per-user bandwidth control, you can define bandwidth control policies for up to 3 groups of users to prevent network congestion. Define groups by IP address and subnet, and set bandwidth limits for every user in the group.

## LACP NIC Bonding



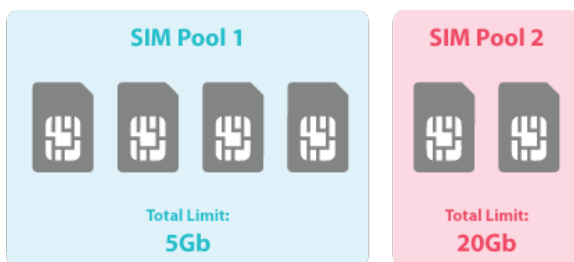
Use 802.3ad to combine multiple LAN connections into a virtual LAN connection. This virtual connection has higher throughput and redundancy in case any single link fails.

## Port Based VLAN



Designate a LAN port to a specific VLAN and choose whether it should operate as a trunk port or an access port. [Click for full instructions.](#)

## SIM Bandwidth Pooling



Using InControl, Define multiple SIM pools for each InControl group, and set the pool's bandwidth quota limit. Email notifications can be sent once the pool bandwidth reaches user-defined levels.

## Roaming Country Selection



Select which countries to enable data roaming using the mobile country code (MCC). This enables users to prevent roaming for countries with particularly slow or expensive networks.