Peplink Balance

Multi-WAN Bonding Router

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Internet and computer network connectivity have become essential to doing business in the 21st century, and organizations of all kinds are always on the lookout for ever faster connections, as well as more reliable, flexible, and cost-effective networking solutions. Internet load balancing, a technology that distributes network traffic over multiple WAN links, delivers the speed and worry-free performance businesses need to connect with customers and compete in the global marketplace. The Peplink Balance's world-leading Internet load balancing and VPN bonding solution lets you take control of your WAN and improves Internet connectivity, all with one easy-to-manage device.

Major Benefits

Increase Speed, Uptime, And Reliability with Multiple, Bonded WAN Links

The Peplink Balance intelligently distributes network traffic over multiple WAN links, including DSL, cable, 4G, and 3G. Should a connection fail, the Peplink Balance automatically switches to a healthy link in less than a second, seamlessly maintaining Internet connectivity and corporate VPN functionality. Using Peplink's unique VPN bonding technology, you can aggregate the bandwidth of all available WAN links, significantly boosting speed, reliability, and failover performance.

Instantly Reduce Cost up to 90% without Compromising Performance

With the increased reliability made possible by multiple WAN links, you can switch from traditional links, such as MPLS leased line, to a mix of DSL, cable, 4G, and 3G connections. Corporate networks become much more affordable, yet retain the reliability needed for enterprise networking. Peplink's bonding technology also works with mobile connections, such as 3G, WiMAX, or LTE, enabling mobile/remote site applications without resorting to satellite, microwave, or other slower and less dependable wireless technologies. Thanks to Peplink bonding technology, live HD video streaming, industrial automation, seamless remote access, and other bandwidth-intensive applications are now possible at a cost that's within reach of almost any business.

Simplify Your Network with Our All-in-One Solution

The Peplink Balance's extensive range of features, such as WLAN Controller, User Group QoS, and Bandwidth Report, let you manage your WAN, VPN, and wireless network with a single box. Take control of your network with the all-in-one power of Peplink, the ultimate solution for every enterprise network.

Key Features

Internet Load Balancing
Increase Internet Uptime to 100%

WAN Bonding
Highly Secure, Reliable MPLS Replacement

Mobile Bandwidth Bonding
Reliable, Fast 4G/3G Network Bonding

Business WLAN
Affordable, Easy-to-use Wi-Fi for Business

Live Demo

Try out Peplink Balance's Web Admin Demo now!

http://www.peplink.com/demo/

Break Internet Bandwidth Limits.
Higher Speed. Extreme Reliability.

Link Load Balancing

Local Network   Peplink Balance   Internet

Internet Load Balancing

The demand for Internet bandwidth is increasing. Internet is needed for communication tools like email, VoIP service, and video conferencing. The increasing popularity of online office suites, online photo management, social networking websites, and other new cloud applications makes Internet an essential part of daily life. Streaming HD videos or transferring large files further consumes more bandwidth. A cost-effective solution to easily add bandwidth to handle all of these applications is necessary.

Break Internet bandwidth limits with Peplink Balance's Load Balancing technology. By load balancing Internet traffic over active links, Peplink Balance gives you the extra bandwidth necessary for new Internet applications.

Optimize Network Traffic by Load Balancing

Peplink Balance gives you the flexibility to customize your network. Easily increase network speed and bandwidth by adding new Internet links from multiple ISPs.
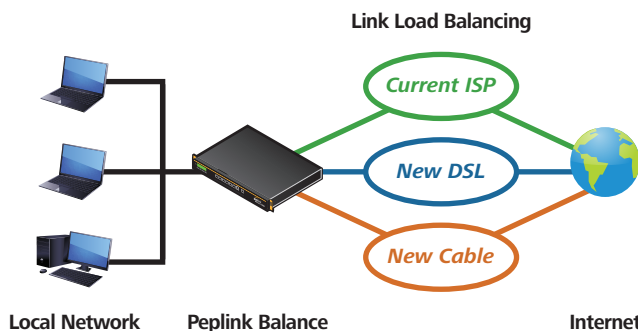
Use higher bandwidth connections for critical cloud applications, and other connections for surfing the net to ensure smooth transfer.

Link Failover as Backup

If any of your connections fail, failover will take place and traffic will automatically be routed through other connections. With multiple connections through Peplink Balance, you can access the Internet with no interruptions.

Balance 380

Balance 1350

Replace MPLS with a Bonded VPN.
Extreme Corporate Networking. A Fraction of the Cost.

WAN Bonding

Branch offices allow growing companies to expand their customer base over different regions. For maximum effectiveness, all branch offices need real-time access to CRM/ERP databases, company sales figures, shared documents, and off-site backups, which are usually hosted in the headquarters. A Virtual Private Network (VPN) makes communication between headquarters and branch offices accessible and secure. The high-performance Peplink Balance series of multi-WAN bonding routers has all the features you need to establish and maintain a reliable VPN network.

Bonded VPN for Multiple Locations

Unlike traditional VPN technologies, Peplink's technology establishes and bonds VPN traffic among multiple connections. Encrypted with 256-bit AES, VPN Bonding allows businesses to connect to multiple locations with military-grade protection. When an Internet connection fails, the VPN failover feature will dynamically switch traffic over to the active connections, maintaining uninterrupted VPN service.

Extreme Security

Peplink Site-to-Site VPN is highly secure. In typical VPN, MPLS, or private leased line, packets are transferred in an orderly fashion over one link. The network is exposed and compromised if an attack is targeted at this particular link. Peplink Site-to-Site VPN, however, constantly scramble data traffic across available Internet Links and encrypts it with unique WAN specific 256-bit AES encryption. Data is transferred between sites in the most secure way possible!

Cost Savings

The increased reliability, as provided by the failover feature, will allow businesses to switch from expensive leased lines (such as T1, MPLS) to a combination of DSL or Cable. With the VPN functionality built in, business can create a VPN network across multiple locations without the need of extra devices. Peplink offers a full line-up with different capacity, giving you the flexibility to choose the right devices for various types of business locations.

VPN Bonding   Seamless Failover

Headquarters   Branch Office
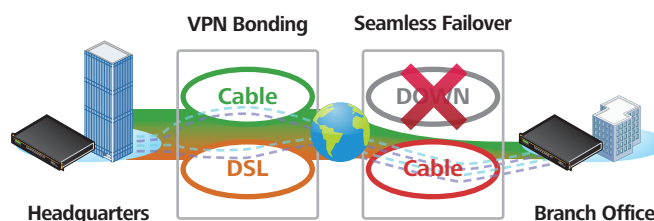
Mobile Bandwidth Bonding.
Reliable Broadband, Anywhere.

4G/3G Bandwidth Bonding

Frustrated with slow uploads, frequent disconnections, and intermittent speeds from your wireless solution? Accelerate large file transfers, video streaming, and other bandwidth intensive tasks with Pepwave MAX bandwidth bonding. Working in tandem with the Peplink Balance, the Pepwave MAX mobile router bonds multiple wireless connections, including 3G, WiMAX, LTE, and other wireless links, to give you the reliability and speed of a landline connection on all your mobile devices.

Seamless Experience

The Pepwave MAX automatically compensates for intermittent dropped connections and signal coverage

changes, resulting in seamless and smooth data transfer at all times, even when you travel. The Pepwave MAX's redundant traffic mode further increases reliability by sending data in redundant pairs. Your bonded connection remains rock solid and fast at all times!

Consistently Fast, Easily Scalable Mobile Networks

Enjoy faster download and upload speeds with Pepwave MAX bandwidth bonding. Traffic is distributed across all links, making maximum use of available bandwidth. Scale your bandwidth as you go simply by adding extra 3G, WiMAX, LTE, or other wireless connections at any time.

Enable New Applications

Stream HD videos, transfer RAW photos, and access the Internet with seamless and fast data transfer anywhere you go. With Pepwave MAX bandwidth bonding, you're no longer chained to a desk or held back by slow, unreliable connections!

Bonded Wireless Links

Mobile Location   Data Center
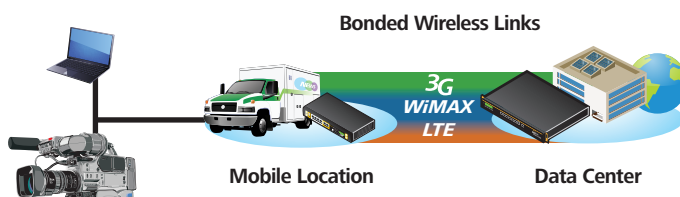
MAX

AP One

All-in-One WLAN Solution.
Manage hundreds of APs. Built-in Captive Portal.

Business WLAN Solution

Peplink's business WLAN solution combines an enterprise-grade wireless access point and centralized access point management in one easy-to-use and affordable package. Now you can manage wireless LAN networks of up to 500 Pepwave AP One devices using a single Peplink Balance. With Peplink's WLAN solution, all your mobile devices, including iPhones, iPads, and Android devices, get the same reliable Internet connection that you've come to expect from Peplink -- without the wires!

Built-in WLAN Controller

Simplify your network management by controlling your AP One access points using a centralized admin interface built into the Peplink Balance. Just connect an AP One to the network and it will be discovered by the Balance automatically, allowing you manage and set-up your access point instantly!

Easy Wi-Fi Portal

Peplink's WLAN solution features a built-in captive portal, which allows you to provide Wi-Fi hotspot service to your customers , or Wi-Fi access to your guests in corporate environment. From showing a splash screen for free users to accept service terms to creating a user login for your paid customers, you can easily customize your Wi-Fi portal in just a few clicks.

Unified Network Management

With our WLAN solution, you can manage all network connections, local client access, and user bandwidth policy using one single package. Administrators can monitor and generate reports on AP activity and bandwidth consumption, giving you complete and easy control over your network.
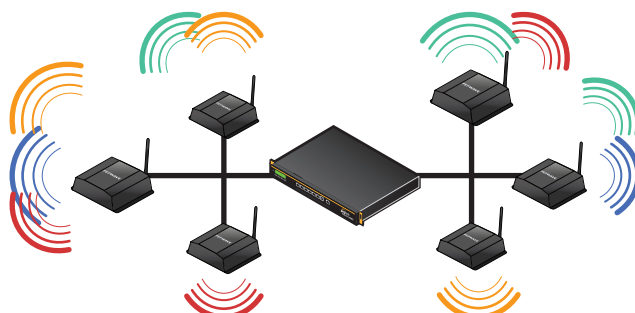
Specifications

	20	30	210	310	380	580	710	1350
Designed For	Power User	Home Office	Small Business	Small Business	Mid-Size Business	Mid-Size Business	Large Enterprise	Large Enterprise
WAN Ports / Internet Links	2	3	2	3	3 (GbE)	5 (GbE)	7 (3xGbE)	13 (GbE)
Recommended Users [1]	1-25	1-25	1-50	1-50	50-500	300-1000	500-2000+	1000-5000+
Router Throughput	100M	100M	100M	100M	170M	250M	350M	1500M
Load Balancing / Failover	●	●	●	●	●	●	●	●
Drop-In Mode	○	○	●	●	●	●	●	●
Inbound Load Balancing	○	○	●	●	●	●	●	●
4G/3G Modem Support [2]	●	●	●	●	●	●	●	●
Site-to-Site VPN Bonding [3]	○	○	●	●	●	●	●	●
Number of S2S VPN Peers	○	○	2	2	20	50	300	800
Bonded VPN Throughput	○	○	30M	30M	60M	80M	150M	350M
PPTP VPN Server	○	○	●	●	●	●	●	●
Built-in WLAN Controller *	○	○	○	○	●	●	●	●
Maximum Number of AP Support	○	○	○	○	50*	100*	250*	500*
Bandwidth Usage Monitor	●	●	●	●	●	●	●	●
QoS for VoIP and E-commerce	●	●	●	●	●	●	●	●
User Groups Bandwidth Control	○	○	●	●	●	●	●	●
Web Blocking	○	○	○	○	●	●	●	●
LAN Ports	4 (GbE)	4 (GbE)	4 (GbE)	4 (GbE)	1 (GbE)	1 (GbE)	1 (GbE)	1 (GbE)
1U Rackmount	○	○	●	●	●	●	●	●
High Availability	○	○	●	●	●	●	●	●
LAN Bypass	○	○	○	○	○	●	○	●

[1] Recommendation for sizing purposes only. No software restrictions applied. [2] For a list of supported modems, please refer to: http://www.peplink.com/3G [3] Number of peer Peplink devices you can connect using Peplink proprietary Site-to-Site VPN Bonding. * Balance 380/580/710/1350 features WLAN Controller Lite Edition for controlling two Pepwave AP Series. To manage additional AP, an optional WLAN Controller Full Edition license key is required. For the most updated specifications, please refer to our website: http://www.peplink.com/balance/

Features

WAN
Support for PPPoE, Static IP, DHCP
WAN Link Health Check
Bandwidth Allowance Monitor
USB 4G/3G Modem Support

LAN
DHCP Server for LAN Clients
Extended DHCP Options
DHCP Reservation
Support for Dynamic DNS services
DNS Proxy for LAN Clients

Load Balancing
Intelligent Failover
Session Persistence
Per-Service Load Distribution
Multiple Algorithms

Complete VPN Solution
Site-to-Site VPN Bonding
    Bandwidth Aggregation
    Intelligent Failover
    256-bit AES Encryption
    Pre-shared Key Authentication
    Dynamic Routing
PPTP VPN Server
    RADIUS, LDAP Authentication

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

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
WINS Server

Device Management
Web Administrative Interface
Email Notification
Active Client & Session Lists
Bandwidth Usage Statistics
Web Reporting Services
Syslog Service
SNMP v1, v2c and v3

Security
DoS Prevention
Stateful Firewall

DNS
Built-in Authoritative DNS
    Support for A, CNAME, NS, MX,
    PTR, SOA, SRV, TXT records

WLAN Controller
Support for Pepwave AP Series
Auto AP discovery
Auto AP firmware management
AP Profile Configuration

Specifications vary across different Balance models. For the most updated specifications, please refer to our website: http://www.peplink.com/balance/

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