RISING CONNECTION

peplink

FusionHub
SpeedFusion Virtual Appliance

FusionHub

vmware CITRIX XenServer VirtualBox

SUPPORTED HYPERVISORS

Extend SpeedFusion to Your Cloud

FusionHub is the virtual SpeedFusion appliance from Peplink. With FusionHub, you can establish SpeedFusion connections between cloud servers and physical Peplink devices.

FusionHub runs on nearly all mainstream virtual machine software including VMware, Citrix XenServer and Oracle VirtualBox.

What Can You Do With FusionHub?

- Make SpeedFusion connections to your datacenter or cloud servers.
- See the Web domains your clients visit and the applications they use.
- Integrate datacenters and cloud servers into existing physical SpeedFusion networks.

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The Benefits of FusionHub

In combination with your virtual machine software's high availability and fault tolerance features, FusionHub adds new capabilities:

SpeedFusion™
Bonding Technology

UNBREAKABLE

VPN

Bandwidth Aggregation

Connect to your cloud server with the combined speed of all your WAN links. Enjoy faster Internet access by using your server's high-throughput connection.

- **Remote Streaming:**
  Stream videos and transfer large files quickly, even in remote areas with limited Internet access.

- **Combine Different Sources:**
  DSL, MPLS, 3G, 4G LTE: use them all together to increase your bandwidth.

Session Persistence

Combine any type of connection from multiple ISPs to create a highly available connection between your device and your FusionHub. This connection will provide unbreakable VPN.

- **Packet Level Seamless Failover:**
  Even when a WAN link fails, your sessions will stay active. VoIP calls will continue without interruption.

- **Cellular Backup Connections:**
  Set bandwidth-limited links (3G/4G LTE) to perform hot failover in case your primary link fails.
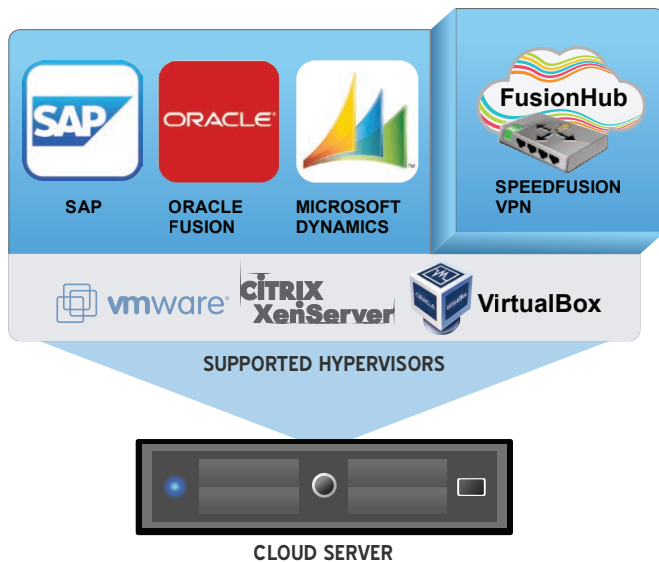
Deploy on Any Cloud Server

Use FusionHub in private, public, and hybrid clouds. Deploy FusionHub anywhere at a moment's notice. Establish as many FusionHubs as you need to support your customers.

- **Local and Remote Deployment:**
  Deploy in your local datacenter or remotely in a public cloud without needing new hardware.

- **InControl2 Central Management:**
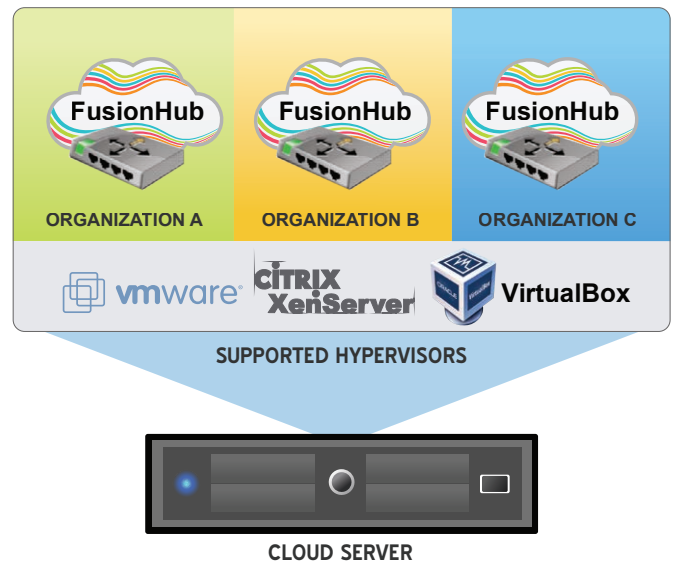 All FusionHub instances can be centrally managed with a single interface with InControl2.

FusionHub for Enterprise

Power up Your Business Apps With SpeedFusion

FusionHub for MSP

Provide SpeedFusion Servers to Your Customers

Combine multiple commodity links from different ISPs to create an unbreakable connection to your most important enterprise applications.

- **Faster Applications:** Access your applications using combined bandwidth.

- **Session Persistence:** Maintain session integrity even when WAN connections break.

- **Pay as You Grow Pricing:** Save on initial capital expenditures. Grow your network affordably.

Enterprise Deployments

Branch Office VPN

Remotely access head office resources with the same bandwidth and reliability as a local user.

Faster Internet via Datacenter

Route remote site traffic over SpeedFusion for centralised Web filtering or to take advantage of highspeed Internet links at the main site.

Upload HD Video on 4G LTE

Bond multiple 4G LTEw connections for fast HD video uploads to your cloud-based datacenter.

Run multiple instances of FusionHub in your datacenter or cloud infrastructure to provide each customer with their own SpeedFusion-enabled cloud server.

- **Add Value to Your Existing Services:** Add SpeedFusion to your services to make them faster.

- **Solve Connectivity Issues:** Use bandwidth bonding to provide fast Internet to places with poor Internet access.

- **Offer Unbreakable VPN:** Provide highly available redundant site-to-site VPN connectivity using cheap commodity internet connections.

MSP Deployments

Offer SpeedFusion as a Service

Run multiple FusionHub virtual appliances to provide separate SpeedFusion WANs for your customers.
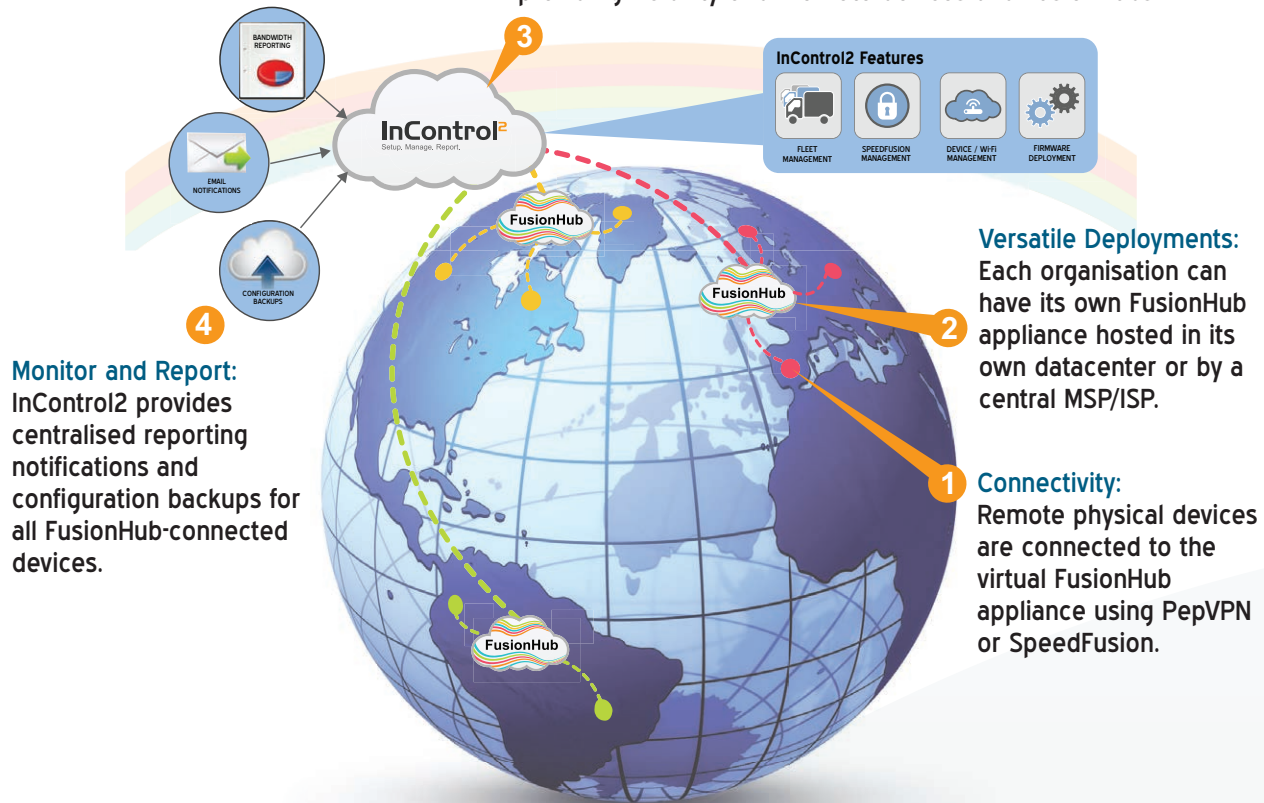
Unlimited Scalability

Run as many FusionHubs as you need and manage them using InControl2. Pay as you grow with pricing based on throughput and the number of peers connected.

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FusionHub and InControl2

Single Pane of Glass:
InControl2 features a single delegated management interface providing visibility of all remote devices and FusionHubs.

InControl2 Features

FLEET MANAGEMENT   SPEEDFUSION MANAGEMENT   DEVICE / WiFi MANAGEMENT   FIRMWARE DEPLOYMENT

BANDWIDTH REPORTING

EMAIL NOTIFICATIONS

CONFIGURATION BACKUPS

InControl²
Setup. Manage. Report.

FusionHub

FusionHub

FusionHub

Versatile Deployments:
Each organisation can have its own FusionHub appliance hosted in its own datacenter or by a central MSP/ISP.

Connectivity:
Remote physical devices are connected to the virtual FusionHub appliance using PepVPN or SpeedFusion.

Monitor and Report:
InControl2 provides centralised reporting notifications and configuration backups for all FusionHub-connected devices.
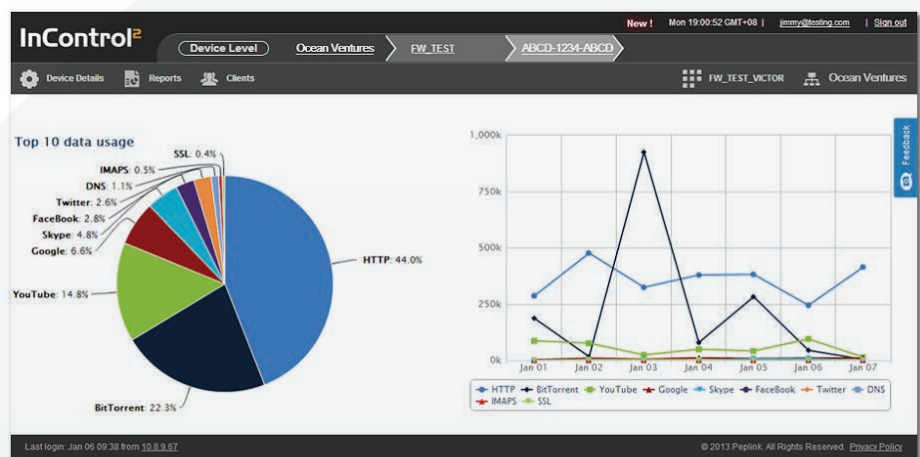
Deep Client Insight

In addition to the ability to organise your devices and FusionHubs, InControl2 provides you with realtime client information. Gain insight into the domains your clients visit (e.g. www.facebook.com) as well as any of their applications that use data (e.g. BitTorrent, Skype).
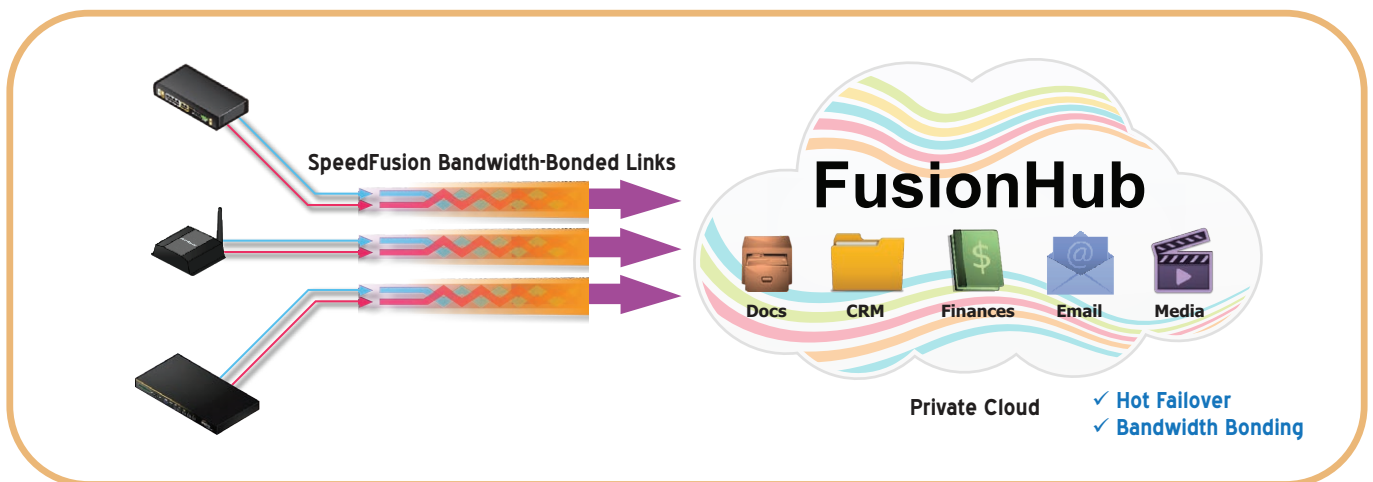
This information can be displayed as a table, pie chart, or client connection diagram. On client connection diagrams, information is made manageable using intelligent filters.

InControl²

Device Level   Ocean Ventures   FW_TEST   ABCD-1234-ABCD   New !   Mon 19:00:52 GMT+08 | jimmy@testing.com | Sign out

Device Details   Reports   Clients   FW_TEST_VICTOR   Ocean Ventures

Top 10 data usage

SSL: 0.4%
IMAPS: 0.5%
DNS: 1.1%
Twitter: 2.6%
FaceBook: 2.8%
Skype: 4.8%
Google: 6.6%
HTTP: 44.0%
YouTube: 14.8%
BitTorrent: 22.3%

1,000k
750k
500k
250k
0k
Jan 01   Jan 02   Jan 03   Jan 04   Jan 05   Jan 06   Jan 07

HTTP   BitTorrent   YouTube   Google   Skype   FaceBook   Twitter   DNS
IMAPS   SSL

Last login: Jan 06 09:38 from 10.8.9.67   © 2013 Peplink, All Rights Reserved. Privacy Policy

Deployment Possibilities

SpeedFusion Bonded Link to Private Cloud   Enterprise Deployment

SpeedFusion Bandwidth-Bonded Links

FusionHub

Docs   CRM   Finances   Email   Media

Private Cloud
- ✓ **Hot Failover**
- ✓ **Bandwidth Bonding**
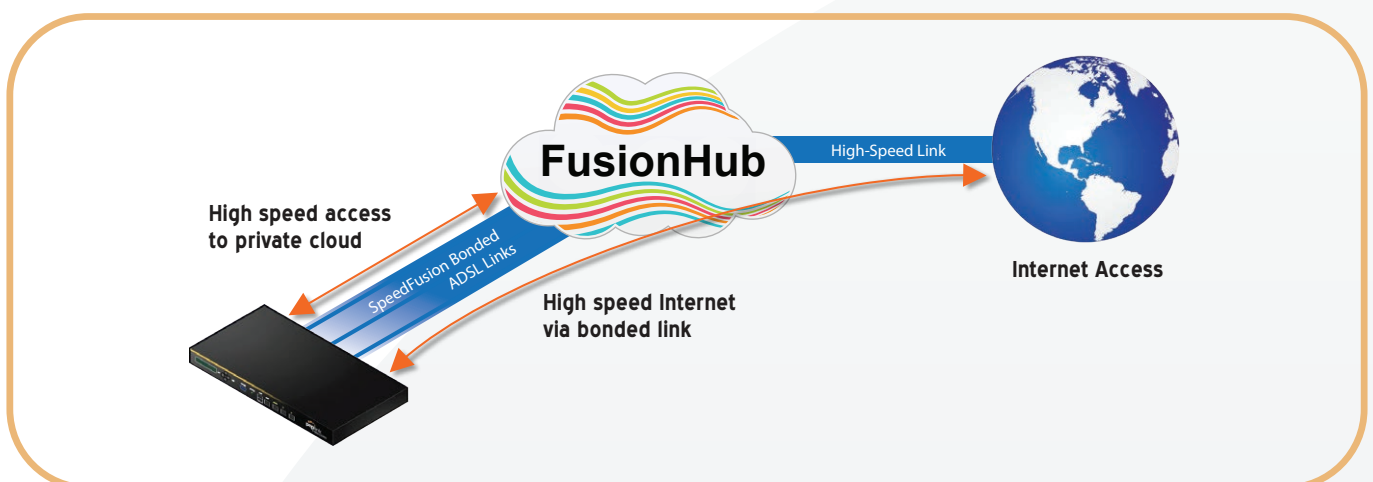
Enjoy SpeedFusion's increased speed and unbreakable VPN connection while accessing your private cloud.

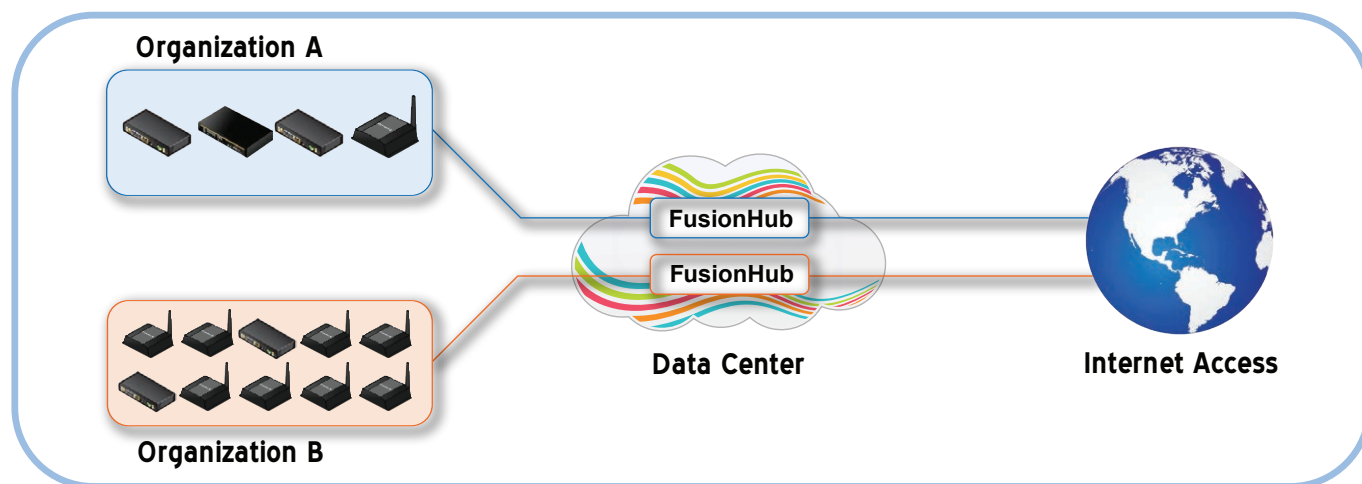## High-Speed Access to Private Cloud and Internet   Enterprise Deployment

FusionHub

High-Speed Link

High speed access to private cloud

SpeedFusion Bonded ADSL Links

High speed Internet via bonded link

Internet Access

In addition to enjoying SpeedFusion access to your cloud, you could also use your cloud's Internet connection to browse the Internet at higher speeds.

Multi-Tenant Deployment

Enterprise Deployment

Easily provision SpeedFusion VPN connections as a service to individual organisations. Manage your entire network using InControl2.

System Requirements

Minimum Requirements:

- 1 Virtual CPU
- 1GB of virtual memory
- 1GB of virtual storage
- Runs on VMware, Citrix XenServer, and VirtualBox

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.