FusionHub

SpeedFusion Virtual Appliance
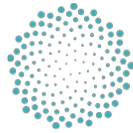
wi link
Official Peplink Distributor for CEE

peplink

FusionHub

vmware | CITRIX XenServer | VirtualBox

SUPPORTED HYPERVISORS

Enable SpeedFusion to Your Cloud

FusionHub is the new 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.

The Benefits of FusionHub

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 build 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, you 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.
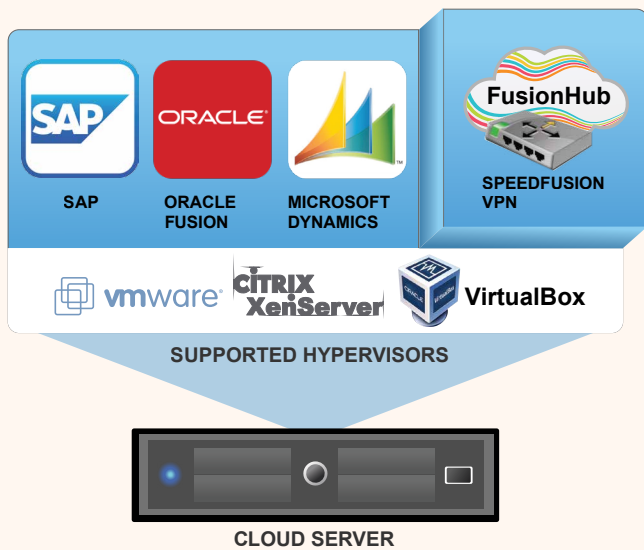
Deploy on Any Cloud Server

Use FusionHub in Private, Public, and Hybrid clouds. Deploy a 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, no need to buy new hardware.

✓ **InControl Centralized Management**: All instances can be centrally managed with a single interface on InControl 2.

FusionHub for Enterprise

Enable SpeedFusion to Your Business Apps

SAP

ORACLE FUSION

MICROSOFT DYNAMICS

FusionHub

SPEEDFUSION VPN

vmware **CITRIX XenServer** **VirtualBox**

SUPPORTED HYPERVISORS

CLOUD SERVER

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 initial CAPEX. Easy options for future growth.

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 centralized web filtering or to take advantage of high speed internet links at the main site.
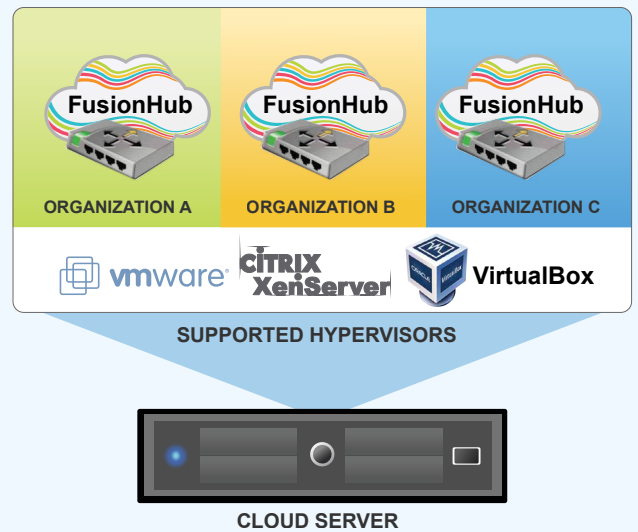
Upload HD Video on 4G LTE
Bond multiple 4G LTE connections in order to upload HD video to your cloud-based datacenter.

FusionHub for MSP

Provide SpeedFusion to Your Customers

FusionHub **FusionHub** **FusionHub**

ORGANIZATION A **ORGANIZATION B** **ORGANIZATION C**

vmware **CITRIX XenServer** **VirtualBox**

SUPPORTED HYPERVISORS

CLOUD SERVER

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.

✓ **Connectivity Solution**: 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

SpeedFusion™
VPN Bonding Technology
Bandwidth Bonding

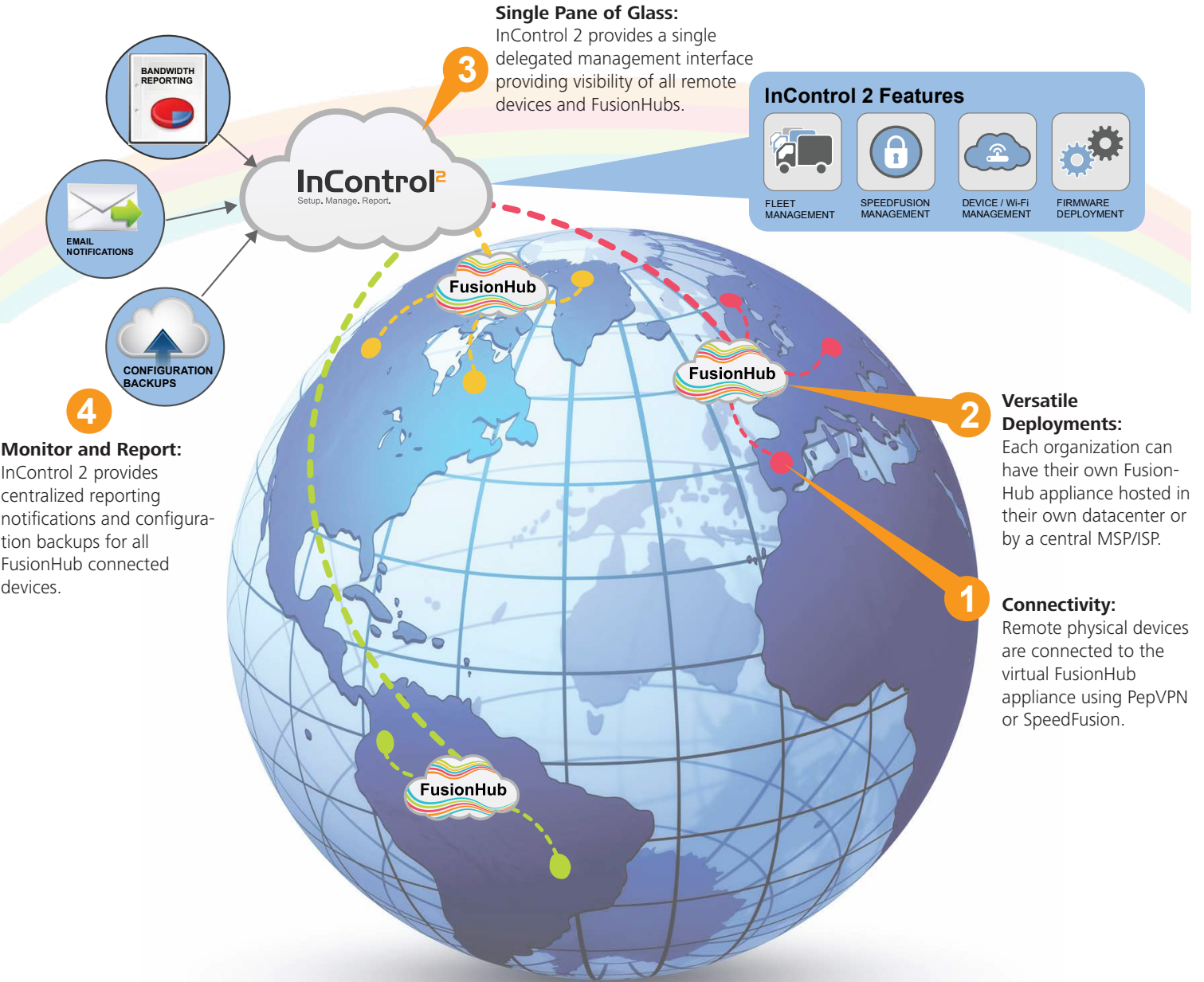Run multiple FusionHub virtual appliances to provide separate SpeedFusion WANs for your customers.

Unlimited Scalability

FusionHub **FusionHub** **FusionHub** **FusionHub**

1 **2** **3** • • • **n**
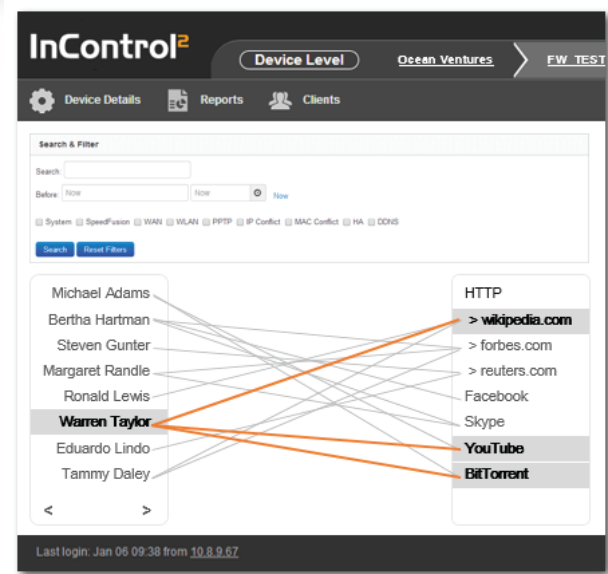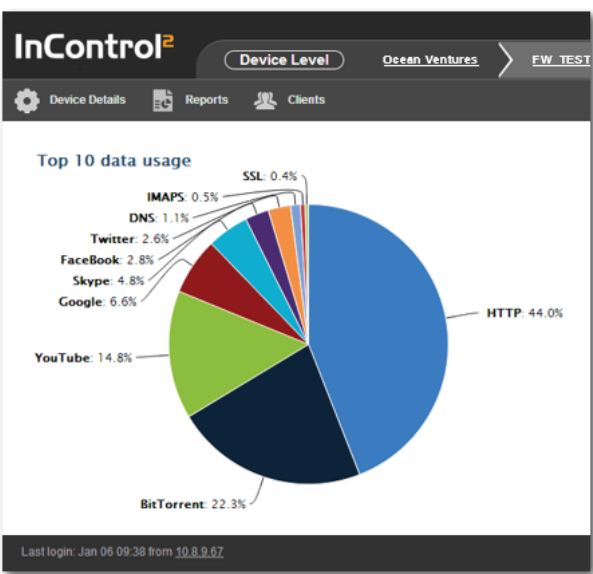
Managed by **InControl²**
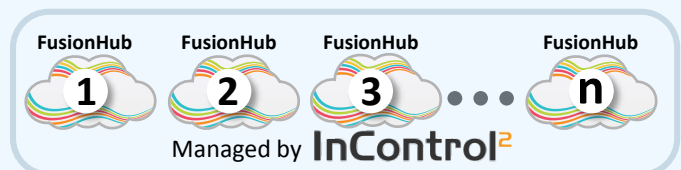
Run as many FusionHubs as you need and manage them using InControl 2. Pay as you grow with pricing based on throughput and the number of peers connected.

FusionHub and InControl 2

Infinitely Scalable Architecture

BANDWIDTH REPORTING

3

EMAIL NOTIFICATIONS

CONFIGURATION BACKUPS

4

Single Pane of Glass:
InControl 2 provides a single delegated management interface providing visibility of all remote devices and FusionHubs.

InControl²
Setup. Manage. Report.

InControl 2 Features

FLEET MANAGEMENT

SPEEDFUSION MANAGEMENT

DEVICE / Wi-Fi MANAGEMENT

FIRMWARE DEPLOYMENT

Monitor and Report:
InControl 2 provides centralized reporting notifications and configuration backups for all FusionHub connected devices.

FusionHub

FusionHub

FusionHub

2

Versatile Deployments:
Each organization can have their own Fusion-Hub appliance hosted in their own datacenter or by a central MSP/ISP.

1

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

Deep Client Insight

InControl² Device Level Ocean Ventures FW TEST

Device Details   Reports   Clients

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%
YouTube: 14.8%
HTTP: 44.0%
BitTorrent: 22.3%

Last login: Jan 06 09:38 from 10.8.9.67

InControl² Device Level Ocean Ventures FW TEST

Device Details   Reports   Clients

Search & Filter

Search:
Before: Now   Now   Now

☐ System ☐ SpeedFusion ☐ WAN ☐ WLAN ☐ PPTP ☐ IP Conflict ☐ MAC Conflict ☐ HA ☐ DDNS

Search   Reset Filters

	HTTP
Michael Adams	> wikipedia.com
Bertha Hartman	> forbes.com
Steven Gunter	> reuters.com
Margaret Randle	Facebook
Ronald Lewis	Skype
Warren Taylor	**YouTube**
Eduardo Lindo	**BitTorrent**
Tammy Daley	

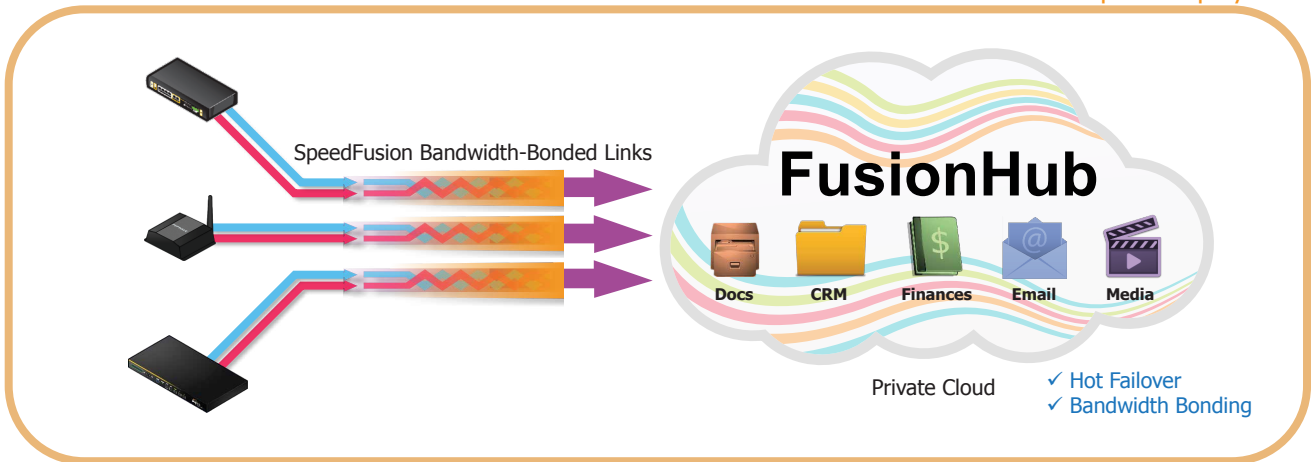< >

Last login: Jan 06 09:38 from 10.8.9.67

In addition to the ability to organize your devices and FusionHubs, InControl 2 provides you with real-time 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, as a pie chart, or as a client connection diagram. For the client connection diagram, information is made manageable through the use of intelligent filters.

# Deployment Possibilities

SpeedFusion Bonded Link to Private Cloud

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
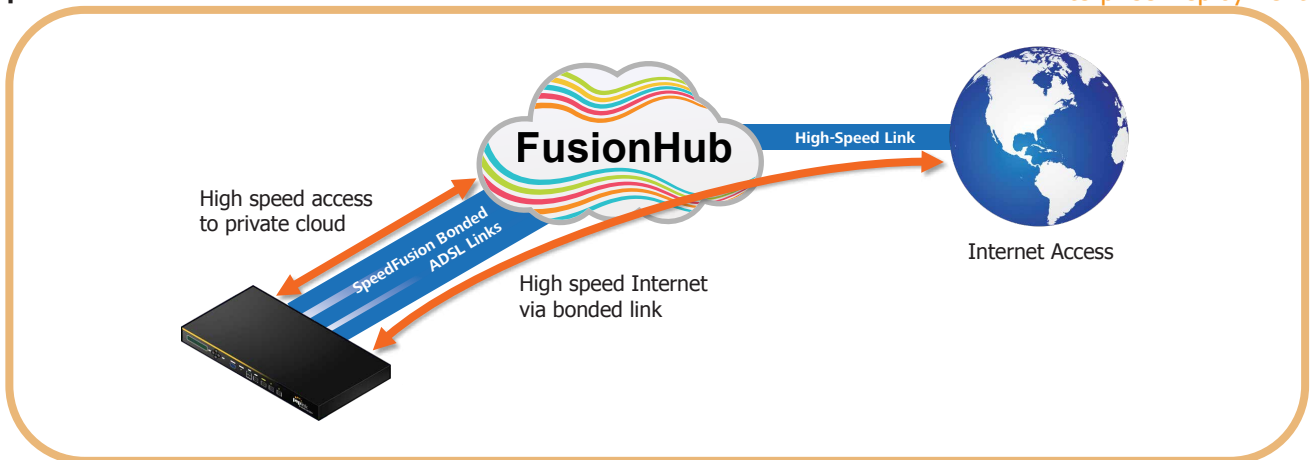
Internet Access

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

MSP Deployment

Organization A

FusionHub

FusionHub

Data Center

Internet Access
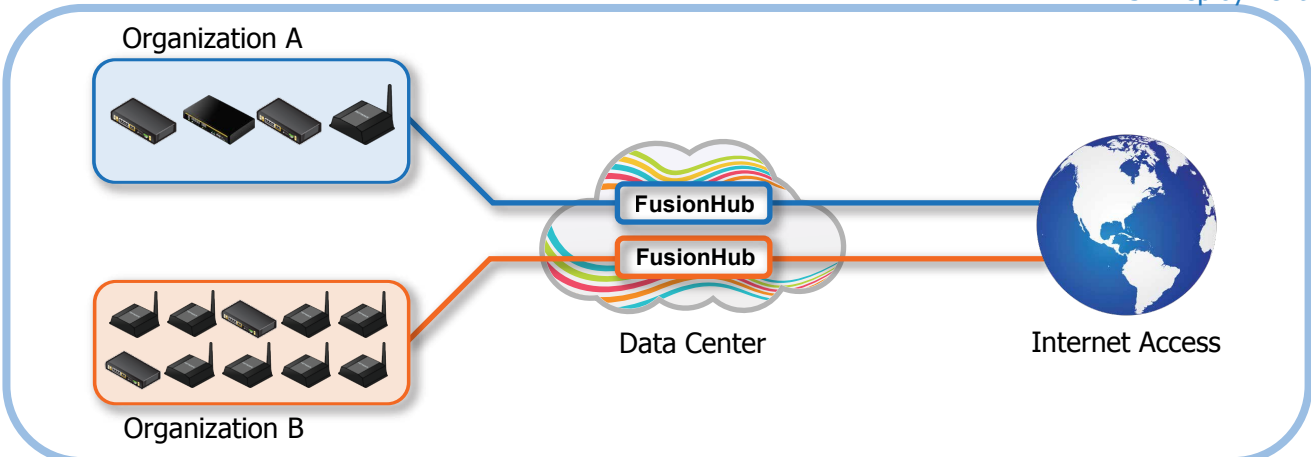
Organization B

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

System Requirements

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