



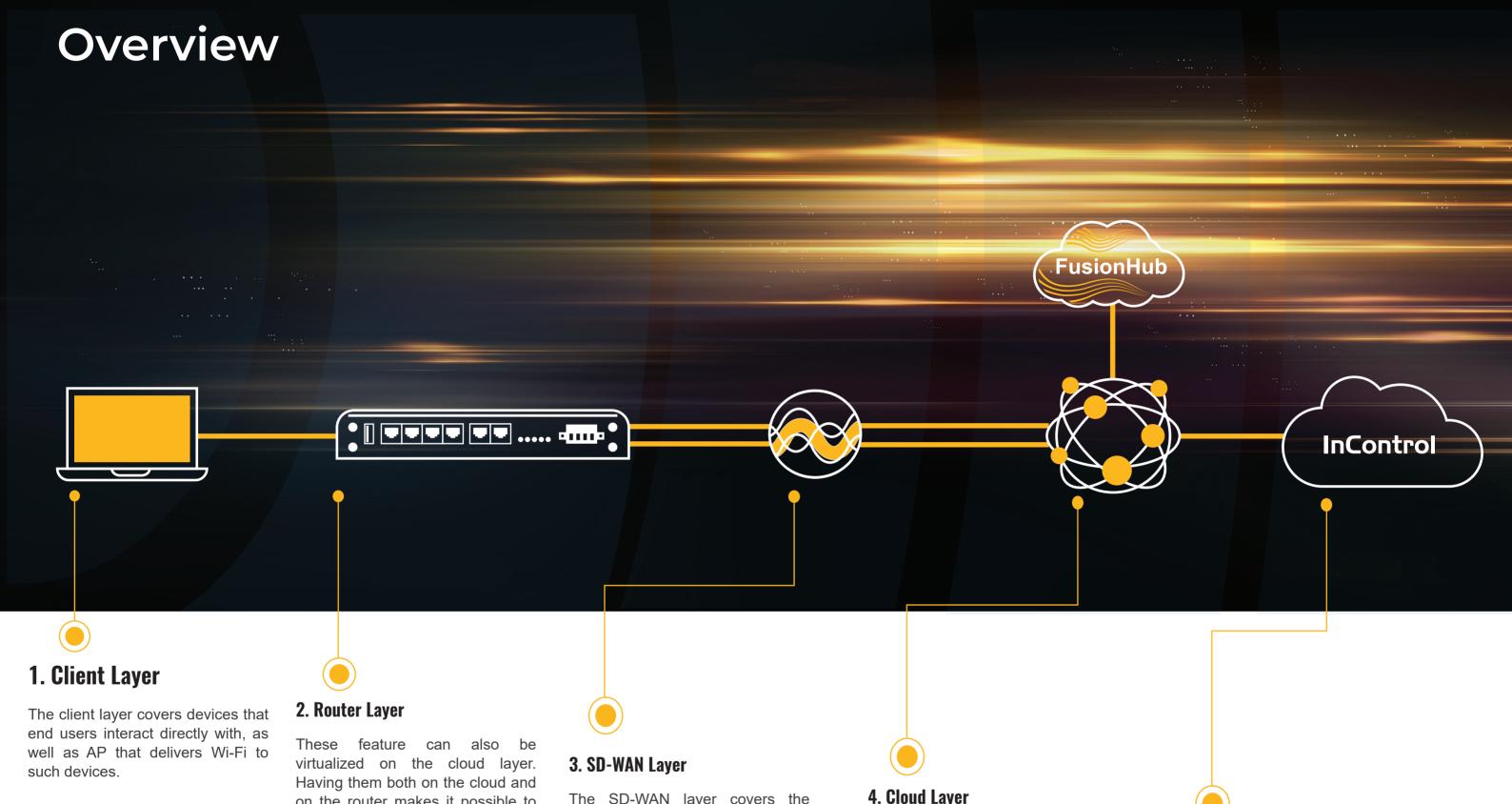






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on the router makes it possible to scure local internet breakout as well as VPN traffic

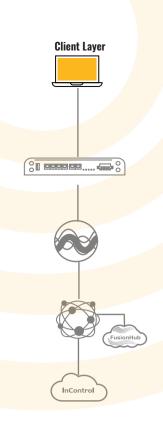
The SD-WAN layer covers the security of the data as it travels across WAN links. Peplink's patented SpeddFusion technology provides a significant advantage on this layer

#### 4. Cloud Layer

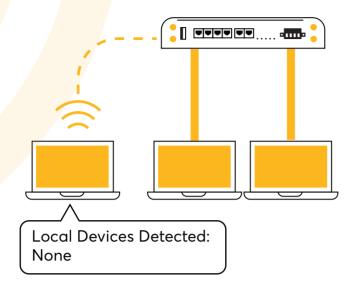
FusionHub can be installed on cloud services for cloud-based security. Combined with a Peplink router, and you can secure both organizational VPN traffic as well as branch office Internet breakout.

## 5. Administrative Layer

The human layer covers credentials carried by an organization's team members. Countermeasures protect passwords and minimize the potential harm done by a breach

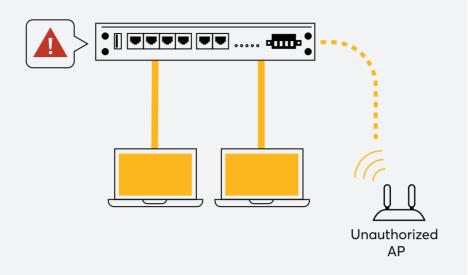


#### Guest Network Isolation



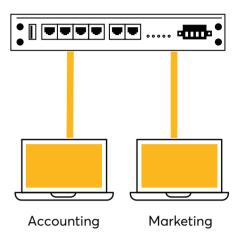
Peplink devices are capable of creating networks where guest users can only see the Internet. This means complete isolation from any other device connected to the router. Also, any devices on the great network will be unable to access the router's WebUI

# Rogue AP Dection



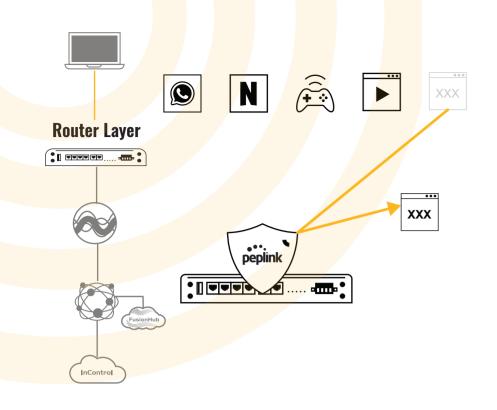
Peplink routers can quickly identify any unauthorized APs that are connecting to your secure networ, enabling quick detection and removal

### **Centralized VLAN**



By isolating local network, VALN can significantly reduce the attack surface available to any potential intruder. With InControl, you can centralize your VLAN policy across all devices at multiple locations





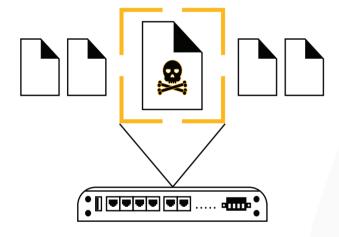
## Web Blocking

Each Peplink router has a dynamically updated web blocking tool that filters traffic into several categories. Users simply need to choose the categories they wish to block, and the router will take care of the rest.



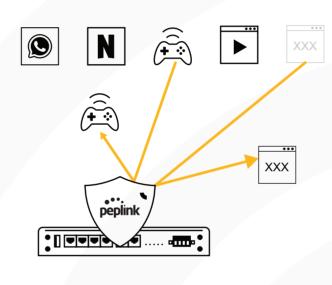
# Intrusion Detection & DoS protection

Each Peplink router has a built-in DoS protection feature. Once enabled, it can detect and block abnormal packets as well as suspicious traffic typical of intrusion and denial of service attacks.



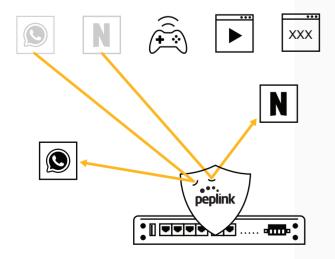
# **Security Patches**

There are always new threats and vulnerabilities to be discovered. When one emerges, Peplink will quickly develop and deploy new firmware to address the threats. We update firmware for our products years after they have been launched.



# Scalable Firewall & Outbound Policy

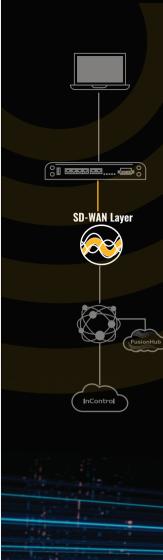
Outbound policy and firewall rules are only effective if they are usuable. With Peplinkgear, you can set firewall rules based on application and even by country. With InControl, you can also centralize firewall rules and outbound policy for multiple devices

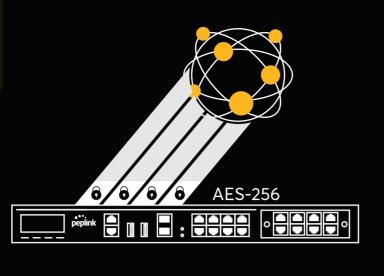


# DPI Application Filtering

For applications that cannot be recognized by First Packet Inspection, there is Deep Packeet Inspection. Block poppular distractions such as streaming sites, social media platforms, and instant messengers







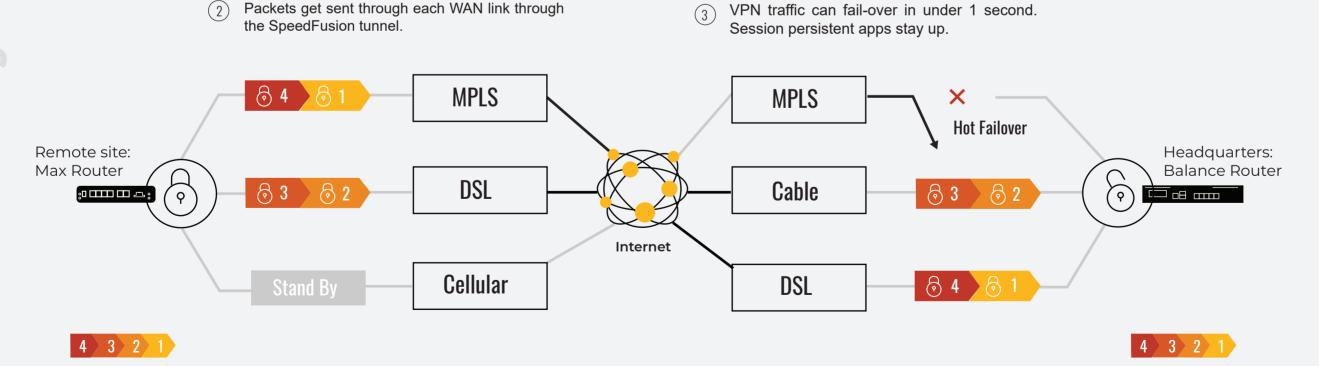
# 256bit AES Encryption

Each secure WAN-to-WAN link is established through a Diffie-Hellman key exchange. This produces randomly changing data encryption keys to protect data with a 256-bit AES cryptograpic algorithm. 256-bit AES would take the world's fastest supercomputer millions of year to crack



# **Packet Separation**

Once the SpeedFusion tunnel is formed, sessions are broken down to packets and sent separately across available WAN-to-WAN connections. Because each connections is encrypted separately, potential hackers would need to obtain the key to every connection



1 Each Session gets broken down into packets. Each packet gets 256bit AES encyption.

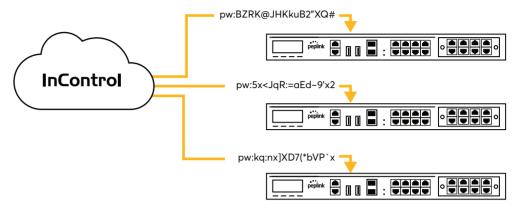
Session

Packets get unencrypted and re-assembled into the original sessions.

Session

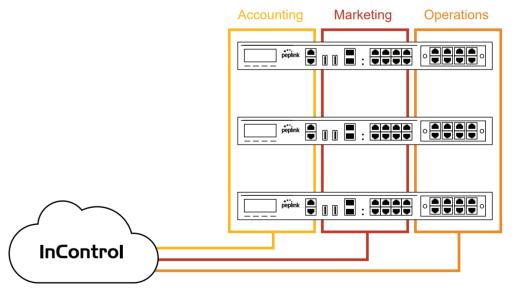


# **Admin Password Management**

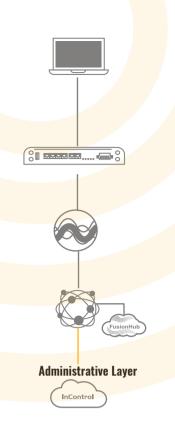


Separating your network into different trust boundaries will minimize the damage caused by a compromised credential. Use VLANs to separate the networks for different teams, each with separate login gateways. Use InControl to set up different access levels for each Administrator.

# **Trust Bundary Management**



One of a router's simplest attack vectors is the admin password. With InControl, you can change the admin password for multiple devices at the same time. Doing so at regular interval will significantly increase the network's level of security

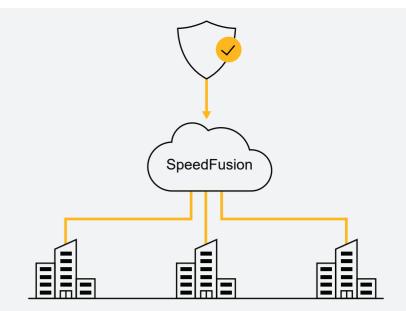


# Tenant 1 2 Tenant 3

# **Tenant Segmentation**

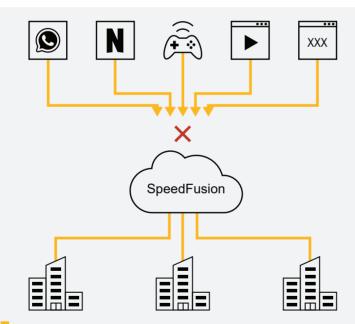
Our cloud appliance supports VRF, which divides the appliance into groups and holds a separate routing table for each group. The result: one cloud appliance can host several tenants, with each of them completely isolated from each other.





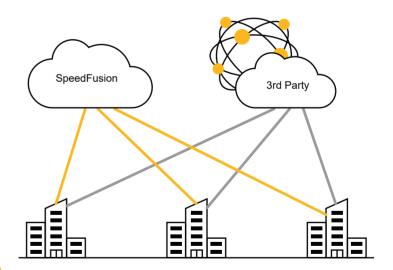
# **Security Patches**

When vulnerabilities appear, we swiftly develop patches and make them available to our users. These patches are available on our cloud services as well as our routers, securing your entire network.



# **Comprehensive Traffic Security**

Use web blocking, firewall, outbound policy, DPI application filtering to control what type of traffic can access your network. Protect your entire network with Intrusion detection and DOS protection. Any security feature that our routers have can also be applied to the cloud.



## **3rd-Party Security Integration**

Works together with your 3rd-party cloud-based security solution. Secure organization traffic with our security features, and secure public Internet traffic with the 3rd-party solution of your choice using IPsec or Open-VPN.