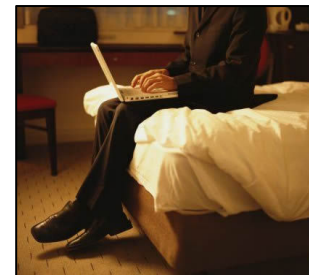


## Traffic Management of Peplink Balance in Hospitality Environment

Ensuring Business Continuity while Traveling

### Overview

Reliable high-speed Internet access (HSIA) in hospitality industry has become an overwhelming amenity to satisfy guests, especially business travelers. This application note outline the Internet access issues in hotels, as well as the solutions that Peplink Balance provides in traffic management and transparent failover.



### Context and Challenges

- Internet service interruption

The operation is 24/7 in hospitality industry. In recent years, there is a dramatic rise in the demand of instant Internet access in hotel rooms. Internet service interruptions create unhappy guests and cause revenue losses.

- Connection speed

Business travelers frequently use VPN, VoIP and remote desktop to remotely communicate with their offices in hotel rooms. Stable and reliable Internet service is essential for these applications.

However, an increasing number of travelers engage in more bandwidth-intensive applications, such as Peer-to-peer (P2P), online gaming, VoIP (SIP), Internet TV. It is obvious that as some travelers commandeer bandwidth, the connection speed would become a poor experience for others.

### The Solution: Peplink Balance

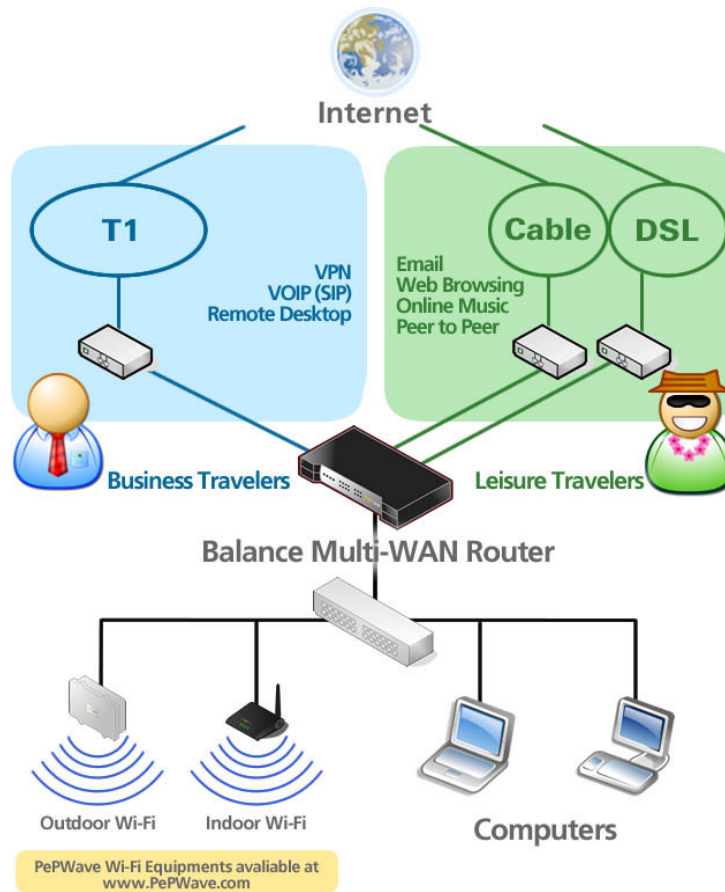


To deliver high quality Internet service in hospitality environments, Peplink Balance provides high-performance multi-WAN solution. It is highly compatible with T1, cable, DSL and Wi-Fi from different wired or wireless Internet Service Providers (ISPs). Traffic Management and Transparent Failover are two highlighted features:

## Traffic Management

Peplink Balance distributes outbound data traffic across multiple WAN links through Outbound Traffic Management. It segments different applications traffic. For business travelers, the throughput requirement is much more important than leisure travelers. Practically, the traffic from VPN, VoIP (SIP) and remote desktop can be prioritized to T1 (WAN1); Email, web browsing, and bandwidth-intensive applications can be enforced to cable/DSL or weighted across cable and DSL (WAN 2 and WAN 3).

Peplink Balance ensures and maximizes the Internet speed for business travelers, without sacrificing the increasing requirement in bandwidth-intensive applications. In all, Peplink Balance makes Internet access a pressure experience for each guest.

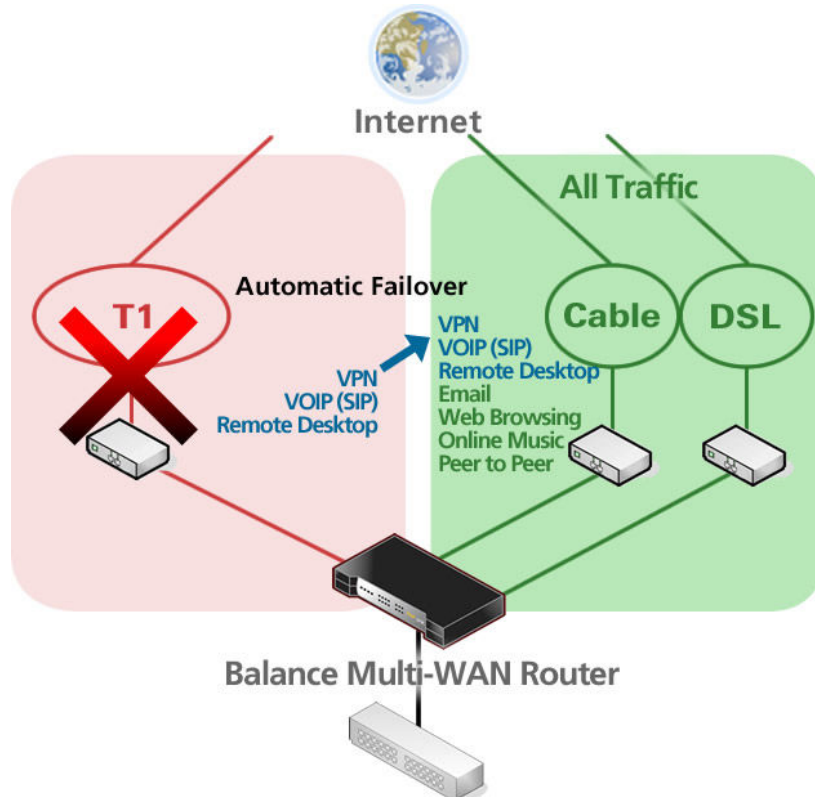


*In this example, traffic comes from applications like VPN, VoIP (SIP) and remote desktop is prioritized to T1, which ensures the Internet speed for business travelers.*

## Failover

Peplink Balance will perform health checks of link statuses every 5 seconds. In case of a link failure, it automatically re-routes traffic to a healthy link to provide continuous Internet service.

Failover functionality of Peplink Balance eliminates Internet service interruption, and maintains incredibly stable Internet access for the benefits of hotel guests.



*In this example, in case T1 fails, Peplink Balance automatically re-routes all traffic and transparently failover to cable/DSL. Hotel guests will not experience any interruption when accessing the Internet.*

## Other Considerations and Benefits

For further details on the applications and benefits of the Peplink Balance series, as well as other Peplink products, please visit our website at [www.peplink.com](http://www.peplink.com).