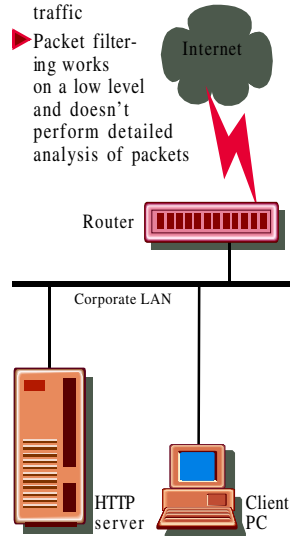


# INTERNET PROTECTION

There is no such thing as a “true” secure network, but a variety of firewalls can provide some peace of mind.

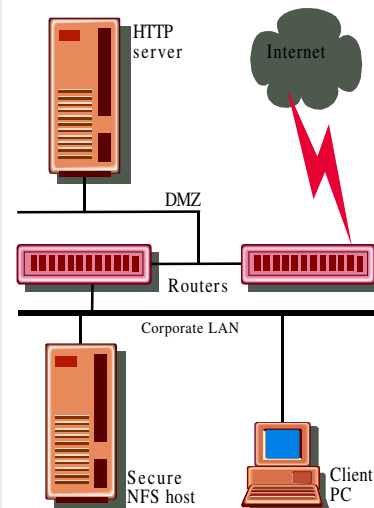
## Packet filtering with routers

- ▶ Most routers allow the definition of filters or restrictions on network traffic
- ▶ Packet filtering works on a low level and doesn't perform detailed analysis of packets



## Dual routers & DMZ (demilitarized zone)

- ▶ Using two routers, an intermediate, insecure network can act as a buffer or DMZ
- ▶ Some routers include dual LAN ports for a DMZ



## Router & application firewall

- ▶ Provides the most secure firewall paradigm
- ▶ Application firewalls are more intelligent than routers

