

# Firewalls

Fire wall is a computer program used to reduce or block the threats, reduce the vulnerability and hold backs the intruders. And it also controls the transformation of information. In other words, Firewall performs decision making in the inflow and outflow of data such that weather the data gets in to the network or out. The main concern of firewall is security. We can protect our data with firewalls. Firewall will protect only the datas that are coming in; firewalls will not protect the datas that are going out. Sometimes if it is a private firewall, it may protect the outgoing datas also. But public firewall will not do that. Software firewalls are the mainly used firewalls as well as hardware firewalls are also exist.

This Diagram explains the working of Firewalls in home computers. The transfer of data will always depends the type of firewall that you are using, weather it is private or public firewalls, or whether it is software firewall or hardware firewall or proxy servers. Proxy servers are also a fire wall. Most of the college or university and the organizations use firewalls like packet filtering, circuit gateway and proxy servers.