

Protect your computers and corporate data from attacks and theft by hackers

[Astaro Firewall](#)

The Internet is a powerful tool for businesses, providing transparent access to numerous resources. However, without safeguards the Internet also provides external users easy access to your company's computers. Such access allows a variety of malicious activities to be carried out without your knowledge or cooperation. For example, proprietary data can be transferred to the hacker, malicious code that harms the operation of the computers can be inserted, or data stored on the computer can be corrupted.

Loosing critical business data, or having your computers incapacitated is an unacceptable risk for most organizations. However, hackers are constantly searching the Internet seeking unprotected computers. In a recent survey, 72% of IT leaders reported breaches from hostile code during the last year.

Firewalls: The First Line of Defense

Today, in order to protect against these threats, virtually every organization installs a firewall. A firewall is a device that is placed at the point where the Internet enters your facility, controlling network traffic for security purposes. It examines all inbound and outbound traffic; permitting only traffic meeting certain predetermined criteria to pass. This allows unsolicited traffic from hackers to be blocked, while maintaining transparent Internet access for employees and customers.

Astaro Security Linux

Astaro Security Linux is a comprehensive, integrated security application that includes sophisticated, but easy to use firewall functionality. The software is installed on any standard PC hardware, and is managed through a user-friendly point-and-click interface. Functionality includes:

- Standard firewall capability (called stateful packet inspection), as well as advanced protection (proxies) which checks against certain hidden attacks disguised as normal traffic.
- Built-in support for secure, encrypted communication with remote employees or suppliers over the Internet through Virtual Private Networking (VPN).
- Detection of hacker probing of firewall protection (portscans).
- Protection against traffic designed to block your use of a certain capability, such as Internet access (denial of service attacks).

Additionally, Astaro Security Linux includes a broad range of features designed to improve the performance of your Internet communication, including:

- Built-in support for filtering out productivity sapping unsolicited e-mail (spam), which has been measured to make up to 50% of e-mail volume.
- Web caching, which stores frequently accessed web pages locally, to reduce traffic volume and improve response times.
- Traffic prioritization, giving high-priority traffic preference, increasing response time.

Virus and Surf Protection: Additional Lines of Defense

Firewalls are a vital element of security, but do not protect against all the threats presented by the Internet. With the introduction of firewalls into most organizations, hackers have become more sophisticated, hiding malicious code in legitimate traffic allowed by firewalls, such as e-mail. Additionally, firewalls do not protect against internal threats, such as the use of the Internet to download harmful material. Astaro Security Linux is unique in offering options that protect against these additional threats, without having to purchase and administer separate products.

By offering a single integrated product with a comprehensive range of security features, performance management functionality and a simple user interface, Astaro provides the ability for organizations to implement excellent security, while minimizing both up-front and operational costs.