



# ESSENTIAL FIREWALL DATASHEET

## Free Firewall For Business Use

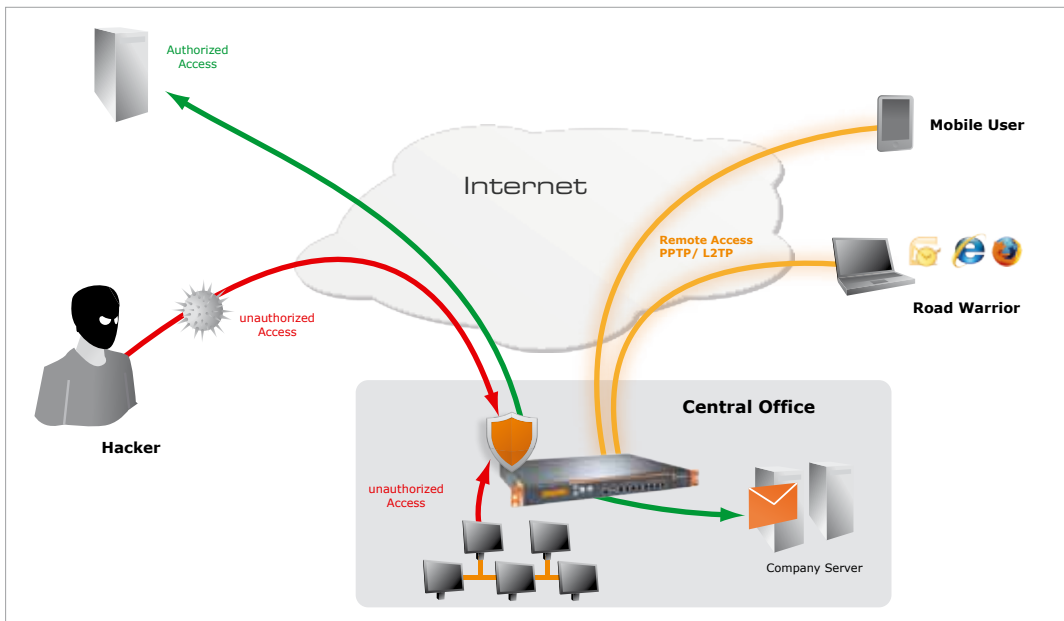
Technical or financial barriers can limit your choices and force you to deploy ineffective solutions for securing your network. Astaro Essential Firewall gives you free security like firewalling, networking tools, routing, and secure remote access. You don't even need IT staff, Essential Firewall can be setup easily in minutes without requiring text commands.

As your needs evolve, you can expand. Activate subscriptions for Network, Web, Mail and Web Application Security anytime, or extend your coverage with our Wireless and Branch office security products.

**Start Using Now!**

Download at:

[www.astaro.com/en/essential](http://www.astaro.com/en/essential)



### Benefits

- > Fully featured business firewall free of charge
- > Let multiple computers use the same Internet connection
- > Host your own file, email and web servers
- > Block all communications to and from countries or regions
- > Secure remote access for your employees
- > Managable from anywhere using an intuitive web interface

### Simple

#### Easy Management

Configure all system settings via a web-based GUI with no need for command line or 3rd party tools.

#### Network Reporting

View detailed bandwidth statistics and graphs for the traffic caused by your network resources.

### Flexible

#### Placement Choice

Install as the network gateway for all traffic in routing mode, or farther downstream in a transparent bridged configuration

#### Flexible Deployment

Choose one of our appliances, provide your own hardware platform, or run inside VMware virtual infrastructure.

### Secure

#### Hardened Firewall

Control traffic with security rules and use country blocking to stop all communications with selected countries and regions.

#### Encrypted Tunnels

Grant roadwarriors secure VPN access into your network from home offices or hotels and airports.

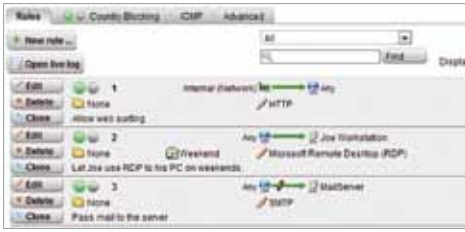
*"Having such a great feature set in a business product that is really free to use without hidden conditions or surprises is amazing."*

**Ian McLaughlin,**  
CTO, Platinum.net



## User Interface

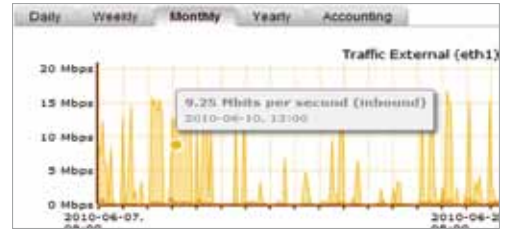
Click through a live demo of the GUI yourself at <http://demo.astaro.com>



Packet Filter Rules Overview



Country blocking



Network Usage Reporting

## Technical Specifications

Appliance	ASG 110	ASG 120	ASG 220	ASG 320	ASG 425	ASG 525	ASG 625
Max Recommended Users	10	80	300	800	1500	3500	5000
Firewall Throughput (Mbps)	200	200	1800	3000	3800	5500	10000
Concurrent Connections	90,000	90,000	300,000	600,000	1,000,000	1,700,000	3,000,000

## Features

### Security

- > Firewall: Stateful packet inspection
- > Network masquerading
- > Port forwarding (SNAT/DNAT)
- > ICMP control: ping, traceroute
- > Country and region blocking
- > Remote Access: PPTP, L2TP over IPsec
- > Local user authentication

### Networking

- > IPv6: Dual stack, tunnel brokering, 6to4
- > Interfaces: Cable, DSL, PPPoE, PPP, VLAN and custom
- > Automatic Quality of Service (QoS)
- > Deployment modes: Routing, Transparent bridge
- > Additional address binding
- > Static routes
- > DynDNS client
- > NTP server
- > DNS Server
- > DHCP Server/Relay
- > Static MAC/IP mappings

### Management

- > Web-based GUI, in localized languages
- > Setup wizard
- > Administrator rights & roles
- > Limit GUI network access
- > Automatic pattern up2date
- > One-touch Backup/Restore
- > Object Definitions: networks, hosts, DNS hosts, services, time events, groups
- > Object cloning
- > Internet time synchronization
- > Admin change tracking
- > SNMP query and traps
- > Notifications: SNMP and Email
- > Context sensitive online help

### Logging/Reporting

- > Full logging on local hard drive
- > Configurable log retention periods
- > Search and browse log history
- > Reporting: Firewall activity, Hardware usage, Network usage, bandwidth accounting
- > Configurable report retention periods
- > Reporting graphs: daily, weekly, monthly, yearly
- > Daily executive summary
- > Object-use indicators

## Contact

Visit us at [www.astaro.com](http://www.astaro.com) or contact the Astaro partner close to you.

### Your Solution Partner

