

AccessEnforcer

Complete list of features



AccessEnforcer is a UTM firewall designed to protect small to medium-size networks. It comes in five models, each providing every security feature offered by Calyptix. The models vary only by the size networks they are able to support.¹

Standard service includes the following.

Network security

- Intrusion detection and prevention (IDS/IPS)
- Outbound traffic filtering by source, destination, and port
- Spoofing and scan protection
- SYN flood protection
- Denial of service (DOS and DDOS) protection
- Anti-fragmentation
- ICMP packet blocking
- Static CIDR whitelist and blacklist
- Dynamic blacklisting to block traffic from hostile source IPs

Network setup

- GUI-based administration with point-and-click configuration
- Quality of service (QoS) with bandwidth management
- Multi-WAN with load balancing and failover
- Demilitarized zones (DMZs) with a single click
- Port forwarding rules with configurable source IPs
- Static routing and IP mapping (1:1 NAT)
- Static and dynamic DNS settings

AccessEnforcer: Complete features list (cont.)

Network setup (cont.)

- SIP proxy server integration
- DHCP server with configurable ranges and reservations
- Each network interface card (NIC) is physically separate for easy DMZ segmentation and switching between LAN and WAN modes
- IP aliases
- MAC address cloning
- PPPoE support (DSL)
- Support for standardized configuration files for rapid deployment

Network management

- Remote management with single pane of glass (SPS)²
- System status dashboard
- Live connections dashboard
- Network alerts dashboard
- Web traffic allowed and blocked dashboard
- Spam dashboard
- Graphs of blocked and allowed traffic for previous 24 hours and week
- Login attempts log
- System log
- IP conflicts dashboard
- User state dashboard
- DHCP client dashboard
- Best practice analyzer and suggestions
- Troubleshooting and diagnostic tools, including packet analyzer, ARP table, ping, DNS lookup, traceroute, telnet, CIDR calculator, route table, and whois lookup

Web security

- Filter web traffic by topic, keyword, extension, file-type
- Enforce policies by user, user group, time of day, IP/CIDR
- Activate monitor or enforcement modes
- Set policies to allow or deny specified traffic
- HTTPS web filter with one-click activation
- Web filter caching and cache management tools
- Customizable blocked-access page
- Static URL whitelist and blacklist
- CIDR exemptions
- Blocked domain testing
- Instant message blocking for selected protocols

AccessEnforcer: Complete features list (cont.)

Email security

- SMTP and POP3 email filtering
- Hosted email filtering
- Easy integration with Microsoft Exchange
- Scanning with multiple anti-virus and anti-spam engines
- Sender IP addresses matched against real-time DNS blacklists
- Daily updates for spam and virus definitions
- Multiple, selectable spam DNS blacklists
- Configurable spam filter sensitivity
- Filter and bypass by geography, keyword
- Fully qualified domain name (FQDN) check
- SMTP rate limiter with auto-black listing (spammers who send to more than 10 nonexistent users are automatically blacklisted for three days)
- Allowed recipient list
- Allowed outbound sender list (listed by IP)
- Inbound sender whitelist, blacklist, and domain whitelist
- Email visibility and control with mail bagging, search, recovery, and forwarding
- Email filter bypass for SMTP/POP
- End-user email quarantines
- Automated quarantine alert emails

VPN remote access

- Unlimited IPsec and SSL/TLS VPN
- Add and manage multiple IPsec policies
- Simple VPN client generation
- Support for iOS, Android, Windows, OSX, Linux
- 2048-bit certificate encryption for
- Unique certificate for each VPN client
- Compatible with most IPsec vendors

Network reports

- More than 20 standard reports for web traffic, blocked traffic, network alerts, email, and more. For example, view network alerts by category, user, IP, country, external IP block, direction and status
- Daily, weekly, and monthly automatic report generation
- Create custom reports and schedules
- Customize report design and branding
- Automatic report archiving
- Daily, weekly, and monthly automatic report generation
- PDF and CSV report exporting

AccessEnforcer: Complete features list (cont.)

Automated administration

- Daily virus and security updates
- Daily configuration backups
- Daily checks for firmware updates
- Daily checks for web filter category updates
- Daily, weekly, and monthly reports
- Hardware health and integrity checks every 10 minutes

1. Model AE800-R is designed for small satellite networks of up to 10 active users. It does not include spam filtering and is limited to two IPSec VPNs and two Calyptix VPNs. All other security features are included.

2. SPS licensed separately. Ask for details.