

Complete Web Protection

Cloud-based security for the shifting Web

Advances in social networking like Facebook, Web applications like Twitter, and commerce sites like Craigslist and eBay present new security challenges to protect users from where they are going, what they are downloading and from anyone malicious or fraudulent with whom they are interacting online. Traditional anti-virus, Web filtering and networking solutions can't keep up.

ACA brings safety and trust back to these platforms. This service, a SaaS-based secure Web gateway, protects users from malware, phishing, identity theft, and other harmful activity online – in effect, providing a pure wire to the Internet.

The service sits between a company's network and the Internet to protect the company's users as they conduct business-critical activities on the Web. Specifically, it:

- Inspects outbound Web traffic for safety and compliance
- Analyzes Web site response traffic for malicious programs and untrustworthy users
- Provides global visibility through comprehensive and flexible reporting to the user level
- Protects users accessing the Web in the workplace, on laptops and via mobile devices

Advanced Real-Time Threat Protection

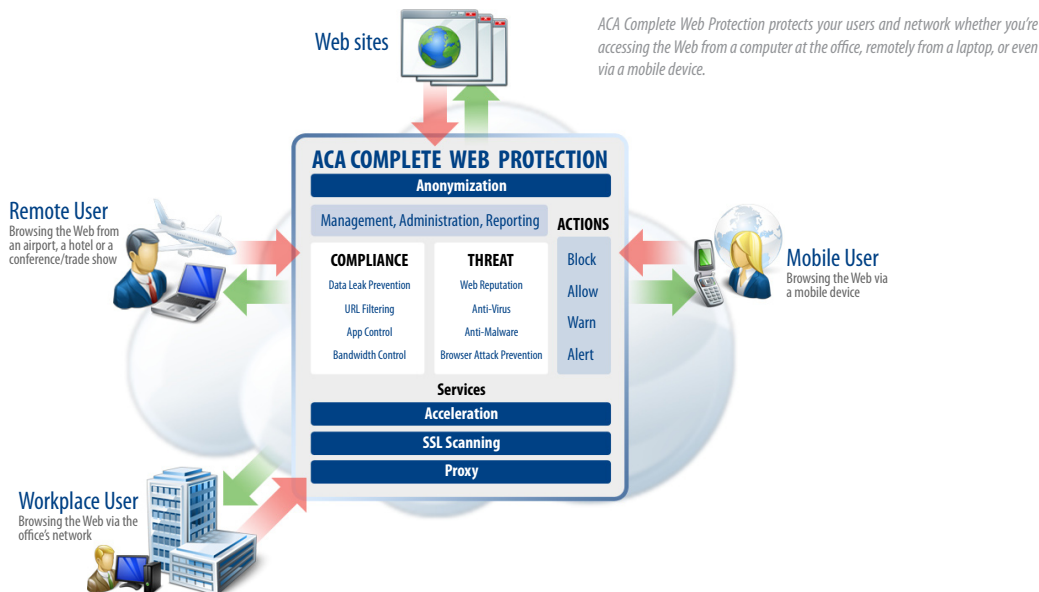
ACA integrates multiple layers of advanced threat protection to provide real-time defenses against a quickly evolving threat landscape. The service combines industry-leading anti-virus signatures, updated hourly, to provide a rapid response to new known security threats, with object-based malware detection using string scanning and advanced heuristic technology to block unknown Web-based viruses and spyware before they can gain access to your enterprise network. AJAX-aware analysis detects malicious Web applications and script-based attacks, while HTTP-focused behavior analysis and intrusion detection identify and block botnet communication, spyware and rogue AV.

Easy Administration, Flexible Deployment

ACA offers flexible deployment options to protect users online, no matter where they are or how they access the Web. Administrators manage and monitor the service using an intuitive Web-based interface that provides a blend of enterprise-ready and usability features such as directory integration for group or user-based policies, predefined security policies, and a wealth of security, compliance and usage reports. The flexible deployment options range from simply configuring a Web browser to more advanced configurations such as directory integration and transparent intercepting proxy configurations.

Comprehensive Compliance Enforcement and Reporting

The service enforces compliance across all users in your organization, with centralized control of Web usage and global visibility of truly real-time, consolidated reporting. Our URL database is enhanced with real-time reputation scoring and content analysis. Several different levels of content filtering happen based on file types, content types and Web response content to provide a layer of data leak prevention to stop sensitive data leaks from leaving your organization via Web traffic. The service also provides application and bandwidth control to manage access to various Web applications, including non-browser based Web applications such as instant messaging, VoIP, P2P file sharing and streaming media applications.





ACA COMPLETE WEB PROTECTION

TECHNICAL SPECIFICATIONS

Key Features

POLICY MANAGEMENT

- Rules apply globally or to users, groups, IP addresses
- Complex rules combining multiple restriction and exception types
- User-controlled rule execution order
- Customizable block pages and alerts
- Blocking override by password
- Coaching, or soft-blocking, to warn users
- Establish usage thresholds by schedule, bandwidth, requests or browsing time

URL AND CONTENT FILTERING

- Real-time page content analysis and reputation scoring
- 63 categories organized in 7 supercategories
- Whitelist and blacklist by domain
- File type/extension and Web content type filtering

APPLICATION CONTROL

- Control and reporting of over 50 Web-based applications
- Communications and instant messaging clients
- Peer-to-peer/file sharing software
- Streaming media
- Control of various browsers

WEB ACCELERATION

- Collaborative Caching in the service for shared savings across all customers
- Local object caching for local bandwidth savings

ACA REMOTE

- Enforces Web traffic through ACA for policy enforcement and security protection
- Tamper-resistant to prevent user bypass or reconfigure
- Silent install for enterprise deployment
- Supports user- and group-based policies

DEPLOYMENT OPTIONS

- Software-less option via direct proxy or transparent forwarding
- ACA Adapter – hardware appliance for enterprise integration and caching
- ACA Virtual Adapter – virtualized adapter
- ACA Remote – enforced control and protection for laptops
- ACA for BlackBerry – integration with BlackBerry Enterprise Server
- ACA for ISA Server – plug-in for seamless integration with Microsoft ISA Server

REPORTING

- Comprehensive web-based reporting across entire organization
- Graphical dashboard summary
- Customizable summary and detailed reports
- Immediate interactive reports or scheduled delivery
- User-based browsing time reports
- Real-time, interactive forensics log reporting
- Exportable to PDF, XML, CSV

VIRUS AND MALWARE PROTECTION

- Signature-based anti-virus detection
- Heuristic malware analysis
- Real-time script interpreting and AJAX analysis
- Monitors HTTP traffic for bot signatures

ENTERPRISE INTEGRATION

- Integrated authentication and group look-up
- Transparent user identification
- Role-based administration
- Directory service integration with Active Directory and LDAP
- Automated or manual directory upload
- Multiple proxy configurations – direct/explicit or transparent
- ICAP, WCCP, policy-based routing

