



Secure and Manage
Your Internet Access



Anchiva Secure Web Gateway

Overview

Risks and Problems Facing Enterprises in Network Information Era

The Internet is a product of human wisdom, symbolizing advanced modern productivity. The spreading of Internet is intended for speedy business data transfer and information sharing. But during the progress, its free use also brings many threats. With great development in the Internet application technology, the Internet traffic now is a mixture of good business applications with malicious code, botnets and hacker attacks, network abuse, etc. As a result, enterprises need a solution that is capable of conducting security filtering, controlling and managing Internet applications and Internet access.

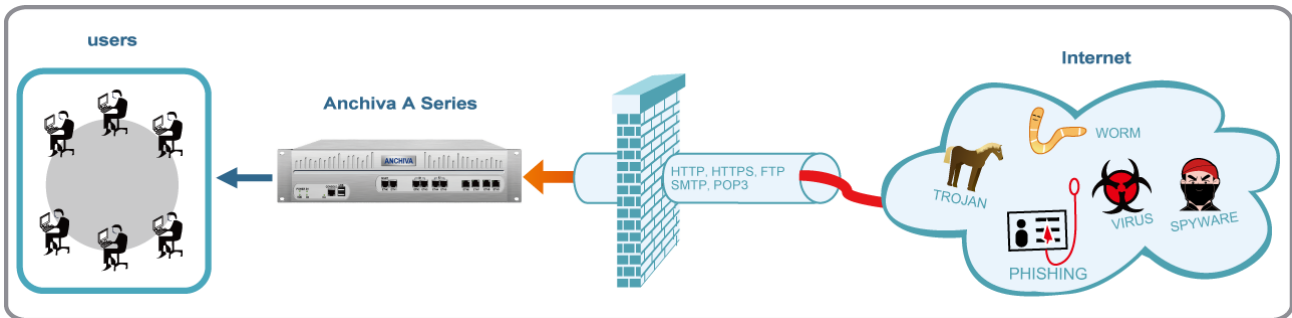
Anchiva Internet Application Security and Management Solutions

To meet the challenges of managing Internet usage and security, Anchiva presents the on-demand full-featured secure web gateway (Anchiva SWG), a device integrated with multiple features. It, controls and manages internet traffic at enterprises' gateway to the internet, not only filters and blocks virus, Trojan, spyware, backdoors and other malicious content from entering the Internal network, but also filters and controls the outbound data. It protects the bandwidth for business-critical applications, controls the abuse of network resources to enhance productivity, and reduce business operating costs. Based on the key risks faced by the enterprises, the application security solutions and management solutions provided by Anchiva SWG are elaborated below.



I Internet Application Security Solutions

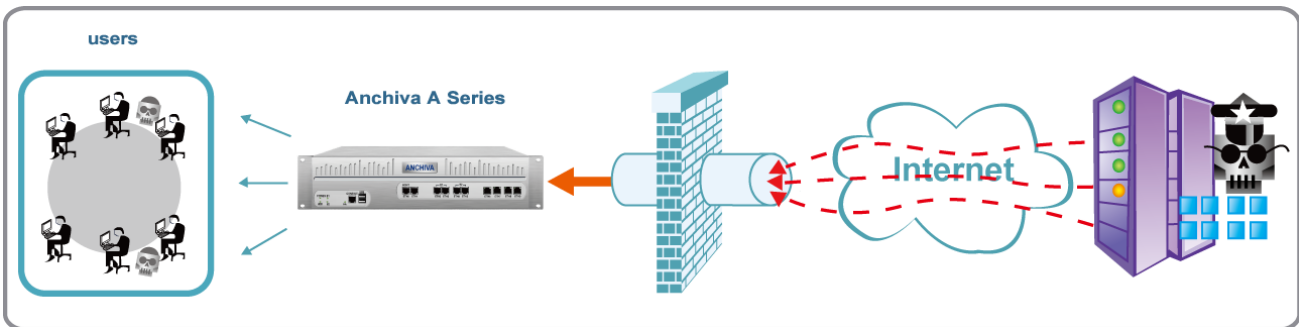
- Scan files and webpages at the gateway to Internet to block malware, including virus, Trojan and the like.



Value proposition:

- Filter virus at the gateway, complementing the anti-virus software for better performance.
- Ensure the security of internal user's Internet access.

- Detect and cut off botnet activities at the gateway.

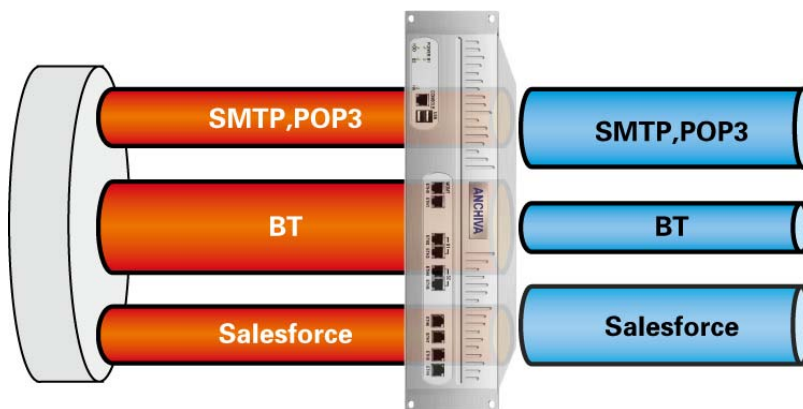


Value proposition:

- Prevent hackers gaining control over client hosts to conduct illegal activities.

II Bandwidth Management Solutions

- Traffic shaping and optimization



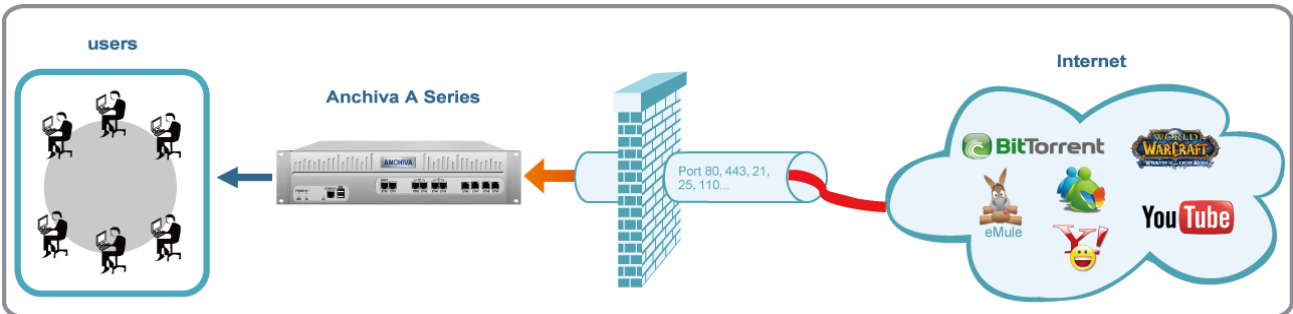
Value proposition:

- Guarantee bandwidth needs of key users and business applications.
- Shape and optimize traffic to enhance key business applications' effectiveness.
- Improve bandwidth usage.



III Internet Application Behavior Audit and Management Solutions

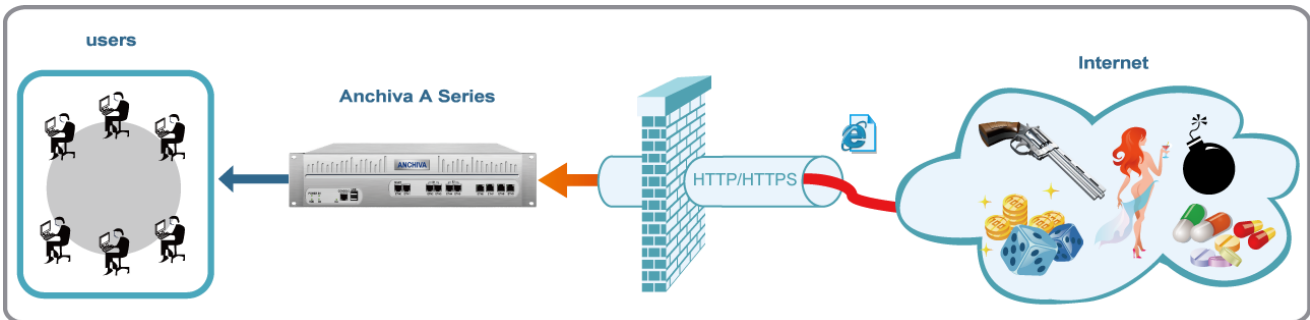
- Manage, control and audit users' Internet behavior on IM, P2P, streaming media, online games and the like.



Value proposition:

- Regulate users' Internet access.
- Improve productivity.
- Provide audit on Internet activities.

- Optimize web access; provide audit on Internet surfing.

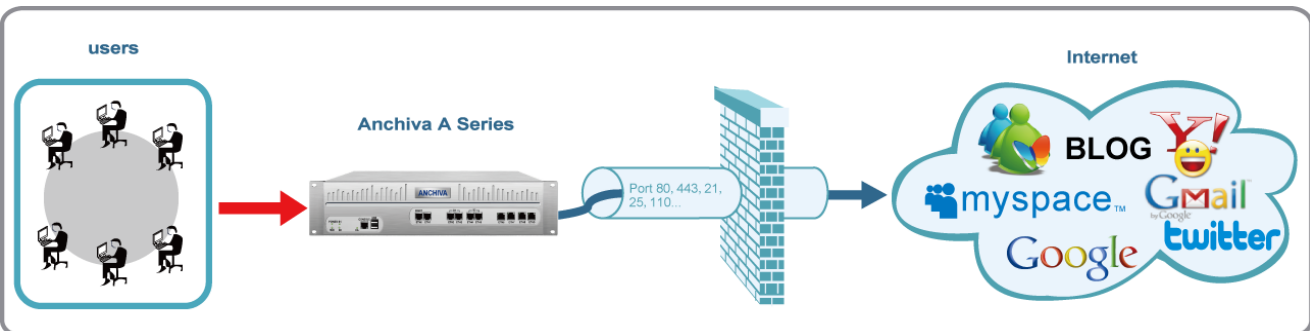


Value proposition:

- Prevent employee browsing inappropriate content such as erotica, gambling, and drugs-related content.
- Provide investigative data.

IV Internet Application Content Audit and Filtering Solutions

- Provide audit and keyword filtering on Internet application such as email, FTP, BBS/blog, webmail, and IM.



Value proposition:

- Keyword filtering prevents information leakage.
- Internet content audit provides proofs for post-event investigation.



Excellent Value

The all-purposed Anchiva Secure Web Gateway provides customers several Internet application security and management solutions by integrating multiple functions into a single appliance. Customers hereby are free from the hassle of assembling and configuring multiple products for various functions. The all-in-one Anchiva SWG solves the needs of having their Internet access protected, controlled and managed while reducing the investment on capital expense.

Fine Network Adaptability

Anchiva Secure Web Gateway can be deployed easily and integrated seamlessly into the existing network without the need of changing the current network infrastructure and Internet applications. It's the industry's only SWG that supports various network environments including VLAN, asymmetric routing, U-turn, and HA.

Flexible Deployment

Anchiva Secure Web Gateway supports both inline and Port SPAN monitoring deployment modes. It behaves as a Layer Two device in the network topology without any change in existing IP assignment and Web application policies.

Largest Onboard Anti-malware Signature Library

AnchivaOS with optimized TCP protocol stack supports latest multi-core hardware platform, It is the basis of Anchiva SWG's high performance. It also guarantees the performance of running 6+ million entries of malware signature library to perform content scanning and filtering, and capable of detecting and blocking more than 10 million epidemic malware.

Worldwide Distributed RapidRX Security Labs

Anchiva RapidRX Labs is an active contributor to Wildlist. It has researchers in US, Europe and China, who investigate and process thousands of samples daily, provide up to 6 updates of malware signature library daily to all Anchiva SWGs around the world, react to the newest malware outbreak within 2 hours, and offer 365-day non-stop Internet application security services to customers.

ICSA Anti-virus Certified

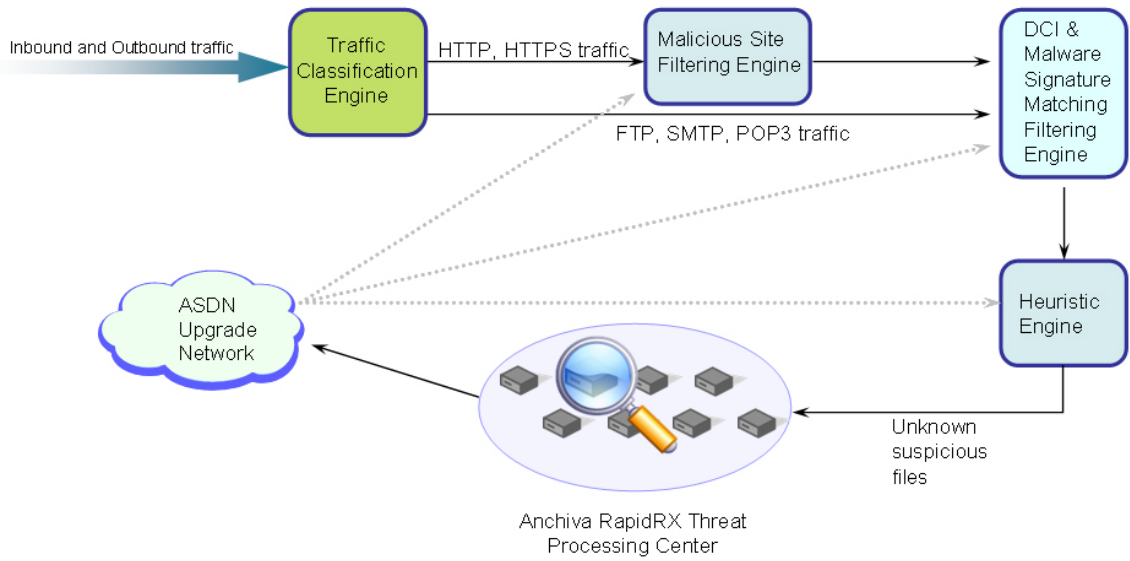
Anchiva Secure Web Gateway passes the ICSA anti-virus certification and proves its 100% coverage of epidemic virus. Comprehensive testing is performed monthly on the Anchiva SWG by ICSA with approved results. For details please access:
[http://www.icsalabs.com/products?tid\[\]=4216](http://www.icsalabs.com/products?tid[]=4216).

Recommended Product by SC Magazine

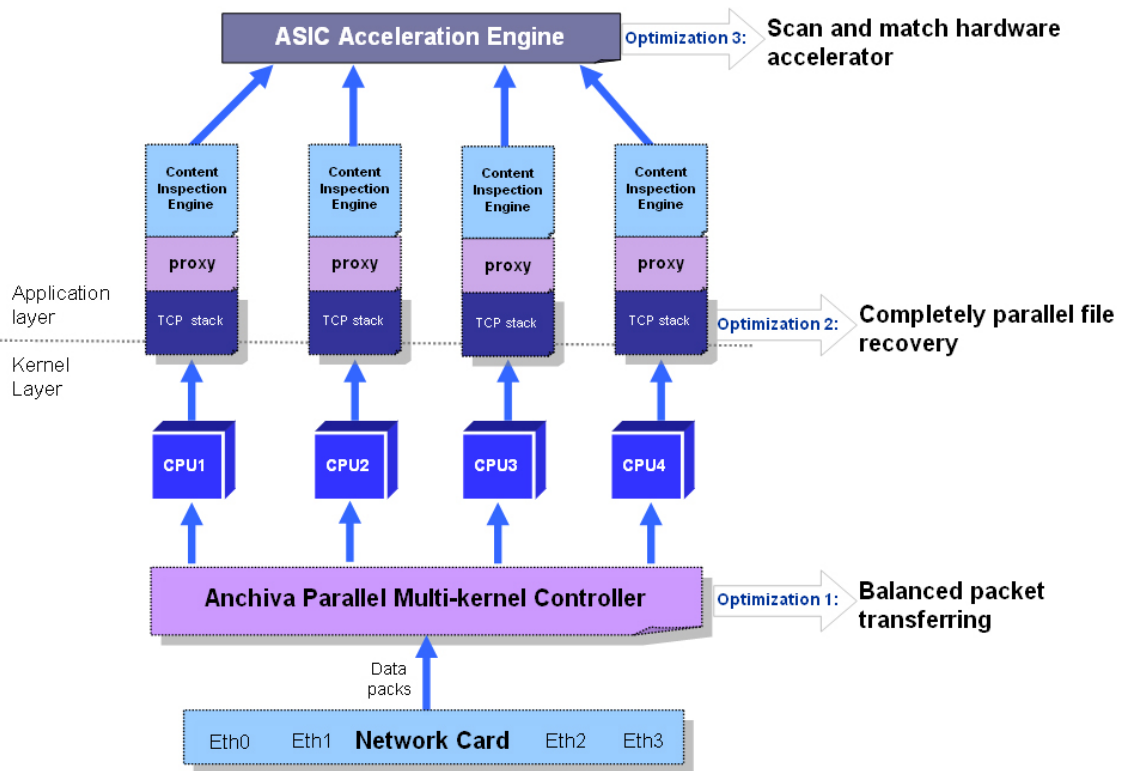
Anchiva Secure Web Gateway was evaluated and won the recommendation from SC Magazine in April, 2010. It earned overall rating of five stars, including five stars in features, four stars in ease of use, five stars in performance and four stars in value for the money. For details please access:
<http://www.scmagazineus.com/anchiva-systems-anchiva-206-web-gateway/review/3132/>



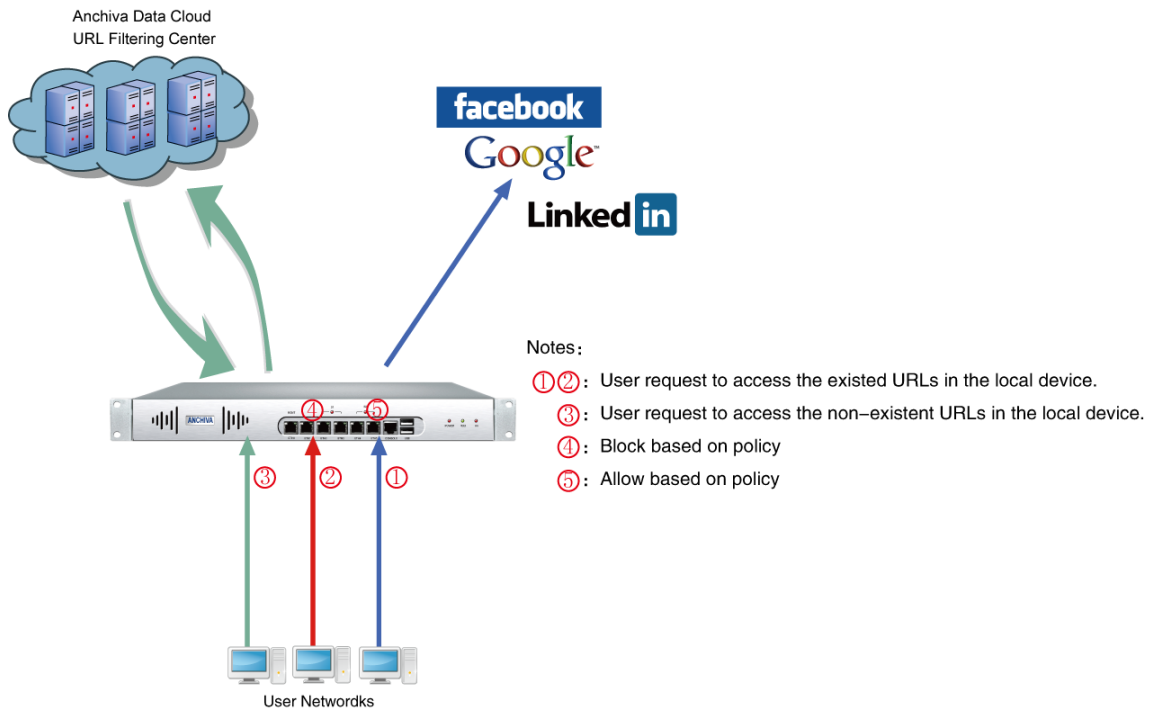
* Multiple engines parallel inspection and scan technology guarantee high malware detection rate on the premises with minimum false positives.



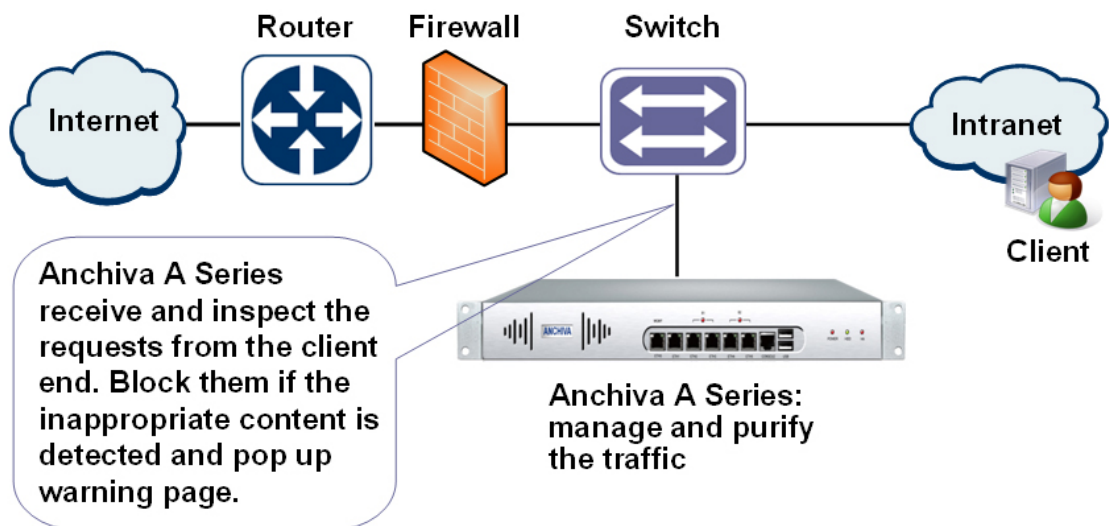
* High performance with multi-level optimization (Two patented technology)



* **Data Cloud URL Filtering Technology provides dynamic analysis on unknown URLs.**



* **Provide green Internet environment; support off-line filtering and block on URL without affecting other application operation. Effective prevention against erotica, gambling, drugs, violence, suicide, guns, ammuniton and adult content entering the intranet.**



Product Line

Models	A200	A500	A800	A1000	A2000
Performance					
HTTP Throughput	100Mbps	180Mbps	400Mbps	550Mbps	950Mbps
Hardware					
Interfaces	6C	6C+4F	6C+4F	6C+4F	6C+4F
RAID		✓	✓	✓	✓
Redundant Power		Optional	✓	✓	✓
Chassis	1U	2U	2U	2U	2U
MTBF	>100000 hrs	>100000 hrs	>100000 hrs	>100000 hrs	>100000 hrs
Management					
WebUI	✓	✓	✓	✓	✓
CLI (SSH/Console)	✓	✓	✓	✓	✓
Report System	✓	✓	✓	✓	✓
Alarm Notify (SNMP & E-mail)	✓	✓	✓	✓	✓
High Availability					
OS on Flash	✓	✓	✓	✓	✓
HA	✓	✓	✓	✓	✓
Hardware Bypass	2 pairs	2 pairs	2 pairs	2 pairs	2 pairs
Deployment					
In-line Transparent Deployment	✓	✓	✓	✓	✓
Off-line Recon Deployment	✓	✓	✓	✓	✓
VLAN	✓	✓	✓	✓	✓



Anchiva A Series



- * Block malware such as virus, Trojan, spyware, backdoors. Filter malicious sites, botnet, spyware phone-home at the entrance of Internet access. --- Ensure the security of the internal user's Internet access.
- * Traffic shaping and optimization guarantee the bandwidth needs of key users and applications. Provide control and management and audit on Internet access. --- To improve bandwidth usage and productivity; control and minimize erotica, gambling, drug-related content, P2P content to optimize the Web access.
- * Provide filtering and audit on Internet application content such as Web, FTP, emails, and IM. --- To prevent data leakage.
- * Prevent web attacks, Trojan and backdoor from controlling server. --- To protect the security of web server.

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Product Quality Control and Services

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