

# AT&T Web Application Firewall<sup>SM</sup> Service

Today's organizations rely on Web applications and Web 2.0 technologies to support key business processes and improve performance. As a result, Web application technology has become pervasive in the modern IT environment, enabling interaction with consumers, partners, employees and other parties.

However, Web applications have also become a prime vector of attack for hackers and cybercriminals. To attack Web applications, hackers take advantage of attack vectors that bypass traditional network and host-based security technologies. Because of this, it is essential for organizations to have application-layer security measures in place that protect Web applications as well as the underlying servers and databases that support them.

Regulators have also recognized the risk that insecure Web applications pose. Many compliance mandates including Payment Card Industry (PCI), Federal Financial Institutions Examination Council's (FFIEC), North American Electric Reliability Corporation (NERC), Critical

Infrastructure Protection (CIP), and Federal Information Security Management Act of 2002 (FISMA). NERC CIP, and others now require organizations to better secure their Web applications and protect them from attack.

## Service Overview

AT&T Web Application Firewall service is a fully managed security service that combines Web Application Firewall technology with expert management and 24x7x365 security monitoring to help protect Web applications and their underlying systems. It is offered on a subscription, per device basis to help safeguard Web applications and sensitive data. Architecturally, Web Application Firewall is located in front of the Web application servers as a transparent Layer 2 bridge. Depending on where the Web servers reside, the service can be deployed and provided at your premises or in any hosting environment.

With the Web Application Firewall, AT&T provides the highest degree of protection possible without interrupting legitimate traffic

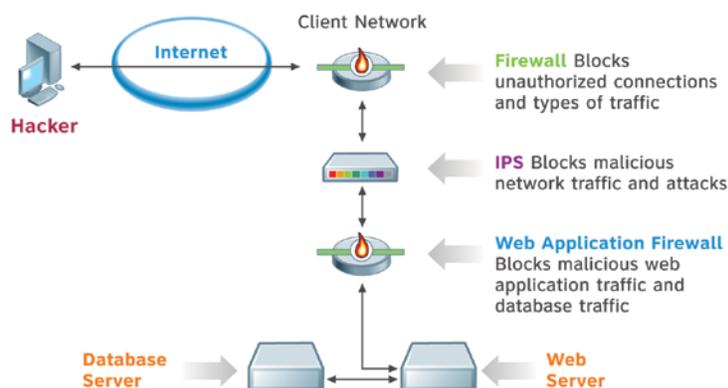
## Benefits

- Helps protect Web applications
- Aids in better securing sensitive data
- No management overhead
- 24x7x365 real-time security vigilance
- Better prevention of attacks
- Faster detection and response to threats
- Reduces costs associated with securing Web apps and underlying systems
- More cost effective than code audit alone
- Provides visibility into Web application layer traffic
- Reduces risk to critical applications and business processes
- Satisfies PCI requirement 6.6

## Features

- Inspection of all inbound and outbound Web application traffic including encrypted traffic
- Blocking of inappropriate or malicious application traffic
- Real-time, 24x7x365 security event monitoring
- Ongoing performance and availability management
- Initial and ongoing tuning and configuration management
- Maintenance, backup and recovery
- Comprehensive security and compliance reporting

## AT&T Web Application Firewall<sup>SM</sup> Service



AT&T Web Application Firewall blocks Web application attacks and provides full visibility into application-layer traffic



to Web applications. During implementation of the service, experts from AT&T perform extensive analysis of your Web application traffic and tightly configure Web Application Firewall policies accordingly. Once the service is turned up, we continuously review the performance and fine tune the appliances to deliver optimum protection against Web application threats including SQL injection, cross-site scripting, session hijacking and Web 2.0 attacks.

### Seamless Web Application Firewall Implementation

Deploying a Web Application Firewall is no trivial task. As with any in-line appliance, organizations must take care to properly implement the service so that they do not affect legitimate business traffic and IT infrastructure while protecting these same resources from malicious traffic. For organizations with frequent changes to websites and applications, the workload to use Web Application Firewall effectively can be significant.

As part of the service, AT&T will architect, design and deploy a solution that addresses your security and compliance needs and integrates seamlessly into your environment.

Utilizing a mature provisioning and deployment process, our experts can install the Web Application Firewall service easily and at your convenience.

### Optimum Performance and Protection

Because of the dynamic nature of today's web applications, to help protect them requires strong security features and web application knowledge as well as the time to analyze traffic and test policies and rules. Without ongoing tuning, Web Application Firewalls can block legitimate application traffic (a.k.a. false positives) and pass traffic containing attacks (a.k.a. false negatives).

However, with AT&T Web Application Firewall service, we help ensure the technology provides protection without interrupting legitimate business traffic to your applications. During implementation of our service, experts from AT&T perform an analysis of your application traffic and tightly configure Web Application Firewall policies and rules. Once the service is turned up, we continuously review the performance and fine tune the appliances to deliver optimum protection against application threats including SQL injection, cross-site scripting, session hijacking and Web 2.0 attacks.

### Real-Time Event Management and Response

Using highly scalable event correlation and analysis technology, our certified experts monitor, assess and respond to Web application threats real-time. Our advanced technology platform correlates events across all managed or monitored devices in your environment, providing our certified experts with the context they need to virtually eliminate false positives and respond to true threats against your organization.

When an incident is detected, our experts immediately assess the threat and begin working with your staff to mitigate the attack and protect your assets. Our experts provide full support, serving as an extension of your team to safeguard IT systems and data.

### On-Demand Security and Compliance Reporting

With AT&T Web Application Filtering service, you will have full access to reports via a web-based client portal. The portal provides you with real-time security and service delivery visibility. Using the portal, you can easily demonstrate the effectiveness of the Web Application Firewall service to management and auditors.

**For more information contact your AT&T Representative visit us at [www.att.com/security](http://www.att.com/security), email us at [mss@att.com](mailto:mss@att.com) or call 877-954-7771**