Most organizations know they need application security, but many organizations don’t have the time, money, or experience to maintain the highly sophisticated and customized rules that traditional application security tools provide. Web Application Protector (WAP) solves that problem, providing an intuitive administrator interface, pre-configured rule groupings, automatic rule updates, and self-serve installation. The finished product is simple enough to bring application security to organizations who may otherwise leave their applications exposed. Even better, the organizations that use WAP receive added benefits from the Akamai Intelligent Platform™; including the ability to grow without adding hardware, site delivery and performance capabilities, rate controls, and protection from unwanted traffic through the reverse web proxy.

Prevent Downtime, Data Theft, and Defacement
Akamai is used by 6,000 of the largest online companies, including the top 30 media and entertainment companies, the 20 top global e-commerce sites, 150 of the world’s leading news portals, and 100 of the world’s largest banks. The popularity and ubiquity of our platform gives us visibility into the disposition of both legitimate and malicious traffic, across geographies and industry verticals. That visibility, along with our Cloud Security Intelligence Date Analysis Engine, allows us to deliver the most scalable Web Application Firewall (WAF) in the world. Furthermore, that visibility enables Akamai to write rules that catch malicious traffic and allow legitimate traffic to pass through unmolested. The result is a WAF and DDoS mitigation solution that requires less maintenance than traditional security products. It does not require hardware, it is easy to turn on, and it can be run without any customization whatsoever.

Improve Website Performance
WAP is built on the Akamai Intelligent Platform, allowing it to cache content closer to end users, thus improving web site performance. WAP further improves performance by optimizing HTML and image content for faster delivery. The Akamai Intelligent Platform also automatically scales to handle high traffic during peak usage periods. Collectively, this means reduced infrastructure expense for customers and faster load times for their end users.

Satisfy Compliance Demands
PCI is a single Data Security Standard (DSS) that applies to both merchants and service providers. Akamai is 1-of-6 Level 1 PCI service providers. With its development and operation assessed as part of Akamai’s PCI scope, WAP is PCI compliant. WAP can also help customers achieve PCI compliance.

Add Features on Demand
WAP runs on the Akamai Intelligent Platform. With access to the platform, a new world of features and products that secure and accelerate your site becomes available. For example, as your WAF needs change, you can request more flexibility with rule changes, a staging area, or customizations.

Update Rules Automatically
WAP customers enjoy frequent automatic updates to application security rules. As the threat landscape changes, new attack methods are detected, and threat research evolves, new rules are added to customer configurations without requiring customer interaction. Threat research methodology minimizes false positives and removes any rule that triggers even the detection (as opposed to a block) of a potential false positive.
The Akamai Intelligent Platform

Akamai makes the Internet fast, reliable and secure. Our comprehensive solutions are built on the globally distributed Akamai Intelligent Platform™, managed through the unified, customizable Luna Control Center for visibility and control, and supported by Professional Services experts who get you up and running easily and inspire innovation as your strategies evolve.