

# protecting

the business, its data, its customers, and its reputation  
at the most exposed hacker entry points

Imperva Web Threat Protection for Financial Services:  
available as a cloud-based managed service from Atos

## The Challenge

**In opening up a vast landscape for business development in the Financial Services sector, the Internet has also extended the frontier where hackers can operate with optimum effectiveness and maximum damage.**

**The application layer has become more susceptible to attack in direct proportion to the increasingly diverse and sophisticated services it enables an organisation to provide to its customers. New technologies have created new battlegrounds. Financial organisations cannot afford to lose the fight.**

## The New Face of Cybercrime

We live in an ever-evolving digital world with consumers expecting to access their data and applications from any device, from any place, and at any time. Cybercriminal organisations have the same expectations.

The hacker phenomenon is no longer an occasional, inconvenient and extraneous factor that demands time, labour and cost-intensive remedial action whenever it arises. It is now a permanent feature of the digital world.

It needs to be treated as such; with smart strategic foresight rather than unplanned reactive hindsight. Hackers today are highly financed and resourced. They are persistent. They are smart. The good news is, you can be smarter.

## What Have You Got to Lose?

An attack on your data compromises more than the information it represents. It undermines the confidence and trust your customers have in your organisation. It can lead to fines, litigation, and compensation payments. Loss of confidential information rapidly becomes loss of business, brand reputation, share value and a compromised ability to trade effectively. It's time to strengthen the defences.

## Our Solution

The challenges of digital transformation are complex and interwoven - balancing the multiple demands from everyday business with increasingly tight budgets, while delivering day-to-day operational excellence and technological innovation. The cost and pace of innovation can dictate priorities. The cost of failure in rigorous protection of the data the organisation holds is daunting.

Atos now offers a cloud solution that gives rapid protection against multi-vector DDoS attacks at network and application layers. The solution is delivered in partnership with Imperva, a leading provider of cyber security solutions that protect business-critical data and applications in the cloud. The service can extend into a comprehensive fraud, risk and database access monitoring solution.

**Web Threat Protection for Financial Services (WTPFS)** is a cloud-based web application firewall service that allows you to protect your critical corporate applications. A pay-as-you-go package, WTPFS protects websites and applications from cyber attacks, theft, and fraud.

The firewall also achieves compliance and assurance within a managed, fully serviced, dynamic environment tailored to your applications and your business models.



# Reassurance as a Service

**A managed, fully serviced, dynamic environment – keeping your business safe.**

## Our Approach

With web application threats increasing in number and sophistication, an effective and holistic web application firewall solution is strategically important to the overall security of an organisation. The Atos WTPFS solution is a managed service with low upfront investment and no requirement for additional infrastructure or IT resources.

Eminently scalable, WTPFS can be directed first at the most critical assets and then rolled out iteratively across the entire portfolio of web applications, providing complete protection, regardless of organisational size. It contributes to fulfilling enterprise GRC requirements, now and in the future.

The WTPFS solution is a unique offering from strategic global alliance partners Atos and Imperva, delivered through the Imperva Cloud as a streamed service to include:

- ▶ Infrastructure
- ▶ Installation of Imperva WAF and associated Web Threat Protection for Financial Services (WTPFS) solution in the cloud (or on-premise if preferred), with chosen deployment options
- ▶ Service desk to record, track and route incidents and change requests
- ▶ Enhanced application management – a team skilled in WTPFS supports the installation and making changes on behalf of financial services organisations
- ▶ Commercial model that insulates organisations from the up-front cost of purchasing, hosting and configuring their own web application firewalls.



Our WTPFS solution addresses the diverse priorities within an organisation's need for cyber security, identifying and acting upon dangers maliciously woven into innocent-looking website traffic; traffic that slips right through traditional defences. This includes:

### Application vulnerability and business logic attacks including:

- ▶ SQL injection: corrupting the browser response back to the web site
- ▶ Cross-site scripting: misdirection to malicious websites
- ▶ Remote file inclusion: putting malicious material on the target organisation's website
- ▶ Site scraping: automated attacks designed to extract information from websites
- ▶ Comment spam/ Fake bank notifications.

### Account takeover attacks

Such attacks are increasing due to the availability of tools such as the 'Vietnamese Rootkit', designed to run script that automates username and password testing on e-commerce sites. These 'account checkers' obtain usernames and passwords, enabling hackers to steal customer account data and credit card information.

Additionally, the fine granularity of the WAF's policy controls enable superior accuracy and unequalled manageability in line with the organisation's specific protection requirements.

### Accentuate the Positives, Eliminate the Negatives

The Atos solution works hard to protect your company's information and help you comply with regulations. It offers flexibility, simplicity, ease of use, and brings three advantages that make its total value of ownership much greater than other application security solutions:

- ▶ Fast and non-disruptive deployment with multiple options – the solution typically takes just a few days to be operational
- ▶ Fully managed pay-as-you-go service
- ▶ A solution that learns and dynamically gains intelligence over time to keep up with cyber criminals.

## The Benefits

- ▶ The WAF is tightly integrated to the Imperva Database Access Monitor solution – allowing closer and faster mitigation of threats to the back end database
- ▶ WTPFS has low up-front cost (Capex) and as a managed service is part of stream service costs (Opex). You pay for the service you define
- ▶ The solution is highly configurable to your environment and chosen deployment and does not require you to maintain skilled staff to manage the implementation, so is therefore highly cost and time efficient
- ▶ Ongoing support. Atos work with you to achieve the optimum service balance
- ▶ The joint power of Atos technology services and insights allied to Imperva's best-of-breed WAF technology delivers class-leading performance
- ▶ Imperva's WAF is certified by the PCI Security Standards Council.

## Next Steps

For more information, please visit: [uk.atos.net](http://uk.atos.net)

# About Atos

Atos is one of the top three IT providers in Europe, with 15,000 Financial Services Technologists serving eight of Europe's ten top Banks and six of Europe's ten top insurers. Our vision is to accelerate progress by uniting people, business and technology.

Our deep Systems Integration and Service Management skills, combined with agile, responsive service delivery models, have enabled us to build enduring relationships across the spectrum of public and private sectors, including a growing footprint in the UK Financial Services sector.

Core to our value proposition is our proven ability to deliver world-class Cloud services, supporting businesses and governments with datacentre and consulting services, and leveraging the technologies and expertise of industry leading joint venture partners.

We deliver the people, processes and technology solutions that bake innovation into the business model for the long term and facilitate efficiency and compliance in a complex and fluid global market. Our expertise, resources and global footprint have helped to achieve sustainable competitive advantage for some of Europe's leading Financial Services organisations by enabling resilience, flexibility and a customer-centric service culture.