

# Simple and Secure



## Managed or in the Cloud

### OUR COMPANY

Wizlynx group is a global IT company headquartered in Switzerland, currently employing about 140 highly skilled IT associates globally and serving more than 100 customers.

### VISION

Our vision is to be a best-in-class global IT company, enabling customers to focus on their core business by providing innovative, high quality, value-added professional services.

### OUR WEB APPLICATION FIREWALL SERVICES

With such a high degree of internal and external interaction between associates and massive growth, the #1 target of attack and exploitation in business has become web applications. Attacks on these applications can cause far-reaching damage, especially since processing business transactions via the web is now standard practice. Our central objective is to neutralize these threats – defining solutions and designing services to mitigate these challenges and risks in a web-enabled enterprise.

Wizlynx group has designed a unique set of Web Application Firewall (WAF) services, allowing end users to simplify their login process while simultaneously improving the protection of those same applications. Our simple and secure WAF services include:

- No one-time capital investment, asset-free services with monthly service billing
- Lower set-up costs, we offer the know-how and enablement
- Short set-up time for service
- Vast reduction in resource effort to monitor and manage devices and software
- Automatic updates against the latest threats with 24/7 in-house professional monitoring

### Why Web Application Firewalls?

Web Application Firewalls are a more efficient alternative to current extranet and DMZ services. Technology that protects web-based applications allows secure connections from external user systems to internal resources, i.e. a2a, c2b, b2b, etc.



wizlynx group

Wizlynx, Inc.  
1 McCain Court  
Flanders, NJ 07836  
USA

Tel +1 973 927 3524  
Fax +1 775 997 0720

[www.wizlynxgroup.com](http://www.wizlynxgroup.com)

## SAMPLES OF WEB APPLICATION PROTECTION

- Protection from Un-Validated Input: Stops all forms of malicious input and parameter tampering
- Cross-Site Scripting: Restricts keywords/methods
- Injection Flaws, SQL Injection: Blocks all attempts to attack operating systems, mainframes and databases by ensuring that only legitimate commands execute on backend systems
- Improper Error-Handling and Worms: Cloaks all details of the web application infrastructure preventing, e.g. the retrieval of OS and server versions, directory structures, patch levels, internal addresses, server error messages and known platform vulnerabilities
- Insecure Storage: Data theft protection inspects all outbound traffic, such as credit card numbers, social security numbers, patient records or account numbers, blocking or masking the data before it is transmitted
- Concealing Attacks: Normalizes parameters, e.g. filtering of unallowable characters
- Artifacts and Back Doors: Restricts access to backdoors and left-behinds with WEB ACL
- Buffer Overflow: Limits length of entry fields
- Application Denial of Service: Limits the amount of queries for the same URL from the same user
- Day Zero Attacks: prevented with a well-known application profile

## 24/7 WEB APPLICATION FIREWALL SERVICES



- Inspection of inbound and outbound application traffic including encrypted traffic
- Blocking of inappropriate or malicious application traffic
- SOC / NOC based 24x7 security event monitoring and availability monitoring
- Best in class application enabling, change and configuration management
- Easy accessible web portal based security and compliance reports
- On demand with guaranteed availability security professional services based on

## BENEFITS

- DMZ hosting of web/application servers not required
- No data is stored within DMZ, data is stored only once
- No need for additional infrastructure qualification because existing internal infrastructure can be used
- No need for specialized infrastructure management within a DMZ
- No need for special hardened, configured and difficult-to-manage components within the DMZ
- Higher security for web applications due to content inspection
- Errors in web applications are not a vulnerability to the outside
- Web applications protected against standard vulnerabilities (Cross-Site Scripting, SQL Injection, etc.)
- Application protection and controls on all layers
- Fast and flexible application enabling and implementation for customers and partners
- Shorter time to market for web applications with the use of existing internal resources, e.g. databases possible

## CASE EXAMPLES C2B/B2B

- Direct access from anonymous, untrusted users, organizations to Intranet web servers from the Internet
- Partner/customer access to web portals
- Academia/user access to web portals

## A2A

- Direct access from known, trusted servers to Intranet web server from the Internet
- Various application-to-application/system-to-system possibilities
- SAP-XI b2b communication via AS2 (EDI)
- FDA communication via AS2

wizlynx group

Wizlynx, Inc.  
1 McCain Court  
Flanders, NJ 07836  
USA

Tel +1 973 927 3524  
Fax +1 775 997 0720

[www.wizlynxgroup.com](http://www.wizlynxgroup.com)

## PROFESSIONAL SERVICES & SERVICE UNITS DESCRIPTION

### **Web Application Firewall Managed Service**

We offer an asset-less managed service model, which is easy to implement at your site. Our managed, 24/7 service has no one-time cost involved and can be readily available within 30 days and customized to meet your end-to-end security needs. The service is smartly designed to focus on basic service units such as monitoring, alerting, incident and request management, and device and HW lifecycle management –all combined with on-demand application enabling and professional services. We also offer a customizable service reporting structure to fit your unique service management requirements.

### **Web Application Firewall Cloud Service**

We offer a 24/7 service model as a cloud solution – ideal for larger outsourcing or initial experience with web application use for consumer access or business to business. Our cloud service involves no one-time cost and can be made ready within 30 days. Your interaction is only required in the area of on-demand application enabling, reporting, policy and layer controls.

### **Web Application Firewalls**

We have a wide range of experience in Web Application Firewalls, having instantiated very early environments at large global enterprises. We can define the architecture, customize it to your business needs, scan your environment for vulnerabilities, provide assessments and install various makes/models.

### **Web Application Firewall (WAF) Competence Center**

We operate a fully certified global WAF competence center for an easy plug-in of your Web Application Firewalls. We can serve as an extension to your existing services or manage your entire environment. We offer a flexible combination of ongoing, 24/7 monitoring and device management as well as on-demand application enabling, security scans and professional services (time and materials). All of our agents are certified in various technologies and are ready to offer services in GxP or SOX environments.

### **Web Application Firewall Expert Professional Services**

We are certified in multiple technologies, enabling our professional services and competence center to support various product lines. Our managed and cloud services are based and instantiated on the Barracuda product line. We've had the opportunity to be a part of the Web Application Firewall evolution from its inception, having an established partnership with Barracuda over four years.

**CONTACT US** for a free assessment of how we can implement our services in your web-enabled enterprise.

The logo for Wizlynx Group features the company name in a bold, lowercase sans-serif font. The word 'wizlynx' is in black, and 'group' is in a lighter grey. The letters are surrounded by a pattern of small red dots of varying sizes, creating a digital or network-like effect.

wizlynx group

Wizlynx, Inc.  
1 McCain Court  
Flanders, NJ 07836  
USA

Tel +1 973 927 3524  
Fax +1 775 997 0720

[www.wizlynxgroup.com](http://www.wizlynxgroup.com)

**ALL WEB APPLICATION SERVICE  
CAPABILITIES ARE MANAGED USING A 24X7,  
FOLLOW-THE-SUN MODEL TO ENSURE MAXIMUM  
PROTECTION AND ACCESS AVAILABILITY.**

**wizlynx group**

Wizlynx, Inc.  
1 McCain Court  
Flanders, NJ 07836  
USA

Tel +1 973 927 3524  
Fax +1 775 997 0720

[www.wizlynxgroup.com](http://www.wizlynxgroup.com)