Web Services Firewall

WSF

- *Reliability*
- *Compliance*
- *Traceability*
- *Integration*

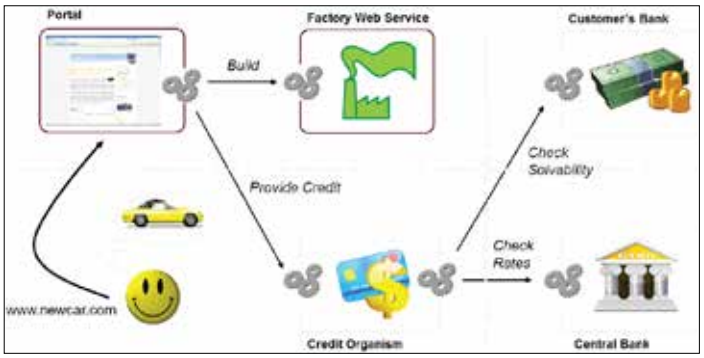
8 REASONS TO CHOOSE DENYALL WEB SERVICES FIREWALL

1. **Time-tested security,** effective against known and unknown attacks
2. **Graphical, logical approach** to model the business process as a security policy
3. Integration with any WS-Security environments, providing validation, encryption and decryption
4. Seamless integration in machine to machine (M2M) communications achieving web service security and validation
5. The ability to profile web services, learn how they work and build a whitelist
6. XML request & response content transformation
7. Web Services Routing
8. Can be deployd as an API Gateway

ENSURING YOUR WEB SERVICES ARE SAFE AND SOUND

With cloud and mobile computing on the rise, **APIs and XML traffic are at the heart of modern IT.**
Web Services and automated machine-to-machine communications support processes which are often business critical, be they internal only or also involving external members, such as suppliers, consumers and regulatory bodies.

When it comes to Web Services security, a simple schema validation is, by far, not enough.
If you really depend on your Web Services, you need to:



A web services exemple

- **Protect** application servers against malformed messages, thus guaranteeing the compliance of the SOAP/XML flow,
- **Prevent** Denial of Service (DoS) attacks,
- **Anticipate** traffic overload,
- **Guarantee** service availability,
- **Detect** the exact origin of any problem.

DenyAll Web Services Firewall makes it easy to optimize and secure these XML-based data flows, with capabilities found in no other WAF, SOA/API Gateway.

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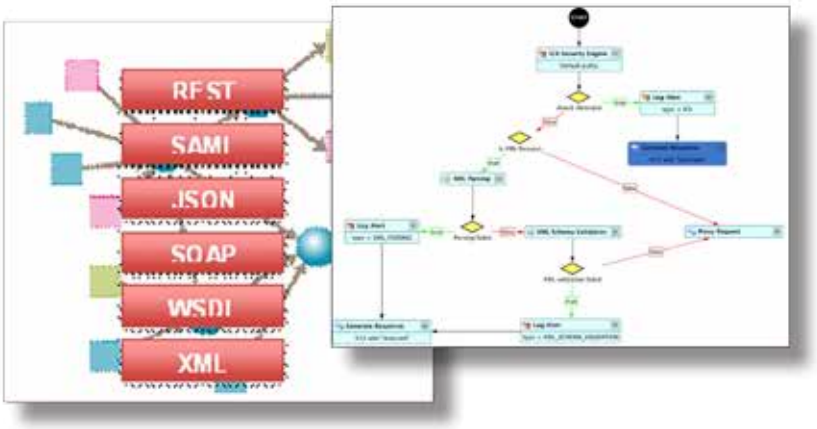

KEY FEATURES

Administration

- Visual policy & traffic control with an intuitive, powerful workflow approach.
- Web Services discovery and profiling.
- Central provisioning, monitoring and reporting on multiple devices.
- Log replay for policy testing and forensic analysis.
- Virtual patching: integration with DenyAll Vulnerability Manager.

Web Service Security

- XML parsing and scheme validation for DTD, WSDL, XSD, WADL.
- REST profiling and security using JSON or XML formats
- Integration in any WS-Security environment.
- Ability to encrypt and decrypt parts of the content.
- SAML authentication integration as a Service Provider (SP).
- Can also act as the Identity Provider (IDP) at the same time or be integrated with any other IDP.
- –- Extensive xPath injection protection filters.

Platform

- Deployment on physical and/or virtual appliances.
- Reverse proxy clustering and load balancing to ensure high availability and redundancy.
- Secure HTTP traffic with DenyAll Web Application Firewall.
- Add Single Sign on capabilities with DenyAll Web Access Manager.

API Gateway

- Thanks to its flexible workflow and content rewriting
- and routing capabilities, WSF can easily replace
- an API gateway.

ABOUT DENYALL

DenyAll is a software vendor an expert in application security. For 15 years, we have been helping demanding customers secure their web applications and services. Our products detect IT vulnerabilities, protect infrastructures against modern attacks targeting the application layer and connect users to the applications which allows them to create and share information.

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