

## ZAPTHINK ZAPNOTE™

### SYSTINET

*Analyst: Jason Bloomberg*

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## Systinet

URL: <a href="http://www.systinet.com">www.systinet.com</a>	Headquarters : Cambridge, MA
Founded: 2000	Funding: Warburg Pincus

## Product Summary

Systinet *WASP* is a complete solution for building, deploying, securing and managing Java and C/C++ Web Services. *WASP* is a platform-independent set of infrastructure products, including the following:

- *WASP Developer* – extends popular IDEs to support Web Services creation and debugging.
- *WASP Server* -- a secure, cross-platform Web Services runtime environment that supports both Java and C/C++, as well as J2EE application servers.
- *WASP UDDI* -- a registry designed for internal enterprise use. *WASP UDDI* supports enhanced security and query facilities. It also provides support for custom taxonomies that businesses can use to categorize their Services. Supports UDDI version 2, plus the subscription capabilities in version 3.

*WASP* also provides a robust runtime environment that offers the following capabilities:

- *Pluggable Transport Framework* – provides a layer of abstraction between the *WASP Server* and its hosting environment and between the *Message Processing Subsystem* and the transport protocol.
- *Message Processing Subsystem* – an extensible SOAP stack that uses a plug-in architecture that allows developers to adapt, intercept, or extend each step in the process. The *Message Processing Subsystem* interacts with the other functional subsystems to implement security, to access WSDL descriptions, to translate data among language types, and to invoke the Service application code.
- *Repositories* – upon deployment of a Service, *WASP* automatically generates a WSDL description and maintains it in the WSDL Repository.
- *Serialization Subsystem* – provides comprehensive serialization services to map data between XML and Java or C++.
- *Service Container* – coordinates the execution of the Web Service business logic.
- *J2EE Integration Framework* – enables transparent SOAP access to J2EE resources.
- *Management Services* – a set of management services that coordinates all aspects of the runtime environment.

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- Security Framework – works with a wide variety of security mechanisms to ensure interoperability. Supports authorization and access control, confidentiality and integrity, proof of origin and delivery, and security domains.

## ZapThink Take

Systinet's WASP is primarily a Web Services development and deployment environment. What makes it a part of the SOA tools story is the incorporation of the UDDI registry. By supporting subscription capabilities in addition to the core UDDI 2.0 features, Systinet provides its customers with an effective method for dynamically discovering Web Services on the network.

## Related Research

- *Service-Oriented Architecture Tools & Best Practices* Report (ZTR-WS107)

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## About ZapThink, LLC

ZapThink is an IT market intelligence firm that provides trusted advice and critical insight into XML, Web Services, and Service Orientation. We provide our target audience of IT vendors, service providers and end-users a clear roadmap for standards-based, loosely coupled distributed computing – a vision of IT meeting the needs of the agile business.

ZapThink's role is to help companies understand these IT products and services in the context of SOAs and the vision of Service Orientation. ZapThink provides market intelligence to IT vendors who offer XML and Web Services-based products to help them understand their competitive landscape and how to communicate their value proposition to their customers within the context of Service Orientation, and lay out their product roadmaps for the coming wave of Service Orientation. ZapThink also provides implementation intelligence to IT users who are seeking guidance and clarity into how to assemble the available products and services into a coherent roadmap to Service Orientation. Finally, ZapThink provides demand intelligence to IT vendors and service providers who must understand the needs of IT users as they follow the roadmap to Service Orientation.

ZapThink's senior analysts are widely regarded as the "go to analysts" for XML, Web Services, and SOAs by vendors, end-users, and the press. They are in great demand as speakers, and have presented at conferences and industry events around the world. They are among the most quoted industry analysts in the IT industry.

ZapThink was founded in October 2000 and is headquartered in Waltham, Massachusetts. Its customers include Global 1000 firms, public sector organizations around the world, and many emerging businesses. ZapThink Analysts have years of experience in IT as well as research and analysis. Its analysts have previously been with such firms as IDC and ChannelWave, and have sat on the working group committees for standards bodies such as RosettaNet, UDDI, CPExchange, ebXML, EIDX, and CompTIA.

Call, email, or visit the ZapThink Web site to learn more about how ZapThink can help you to better understand how XML and Web Services impact your business or organization.

### **ZAPTHINK CONTACT:**

ZapThink, LLC  
11 Willow Street  
Suite 200  
Waltham, MA 02453  
Phone: +1 (781) 207 0203  
Fax: +1 (786) 524 3186  
[info@zapthink.com](mailto:info@zapthink.com)

