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New and Transformational Technologies:

Deploying Services-Oriented Architecture (SOA)

Services Oriented Architectures (SOA) is being touted as the next, big IT architectural shift, similar to the disruption caused by client-server and Web technologies. Many public and private sector institutions are already moving to SOA to gain better reuse, respond faster to change and to provide unprecedented flexibility and agility. SOA principles can be used for internal applications as well as cross-domain communication with other agencies and partners.

SOA is not entirely a new concept. Technologies such as CORBA and even middleware products to some extent, were implementations of SOA. The problem with some of these solutions were that they were typically tightly coupled or required high levels of expertise to implement. New standards and technologies related to XML and Web Services have a much lower cost of implementation and are loosely coupled. XML and Web Services are enabling organizations to deploy SOA on a larger scale and with significantly less cost than previous technologies.

As organizations rapidly move to a services-based architecture, the traditional stove-piped, monolithic application “opens up” to be a more flexible, reusable set of distributed components that may be owned and managed by different agencies altogether. These capabilities, however, come with a price, requiring coordination, security, reliability, auditing and message processing to provide enterprise-level SOA.

Find out how organizations address these concerns. We will cover the benefits and structures of Web Services and SOA and how to address the requirements necessary for creating enterprise-level, reliable and secure SOA. Included will be a reference architecture which will describe how best to address the security, architectural and operational requirements.

Speaker: Andrew Yang, Director of Marketing at Westbridge Technology, a leading provider of XML Web Services security solutions.