



from strategy to impact

Binary Group Architect Presents at Service Oriented Architecture Conference

Dr. Brad Cox talks about Enterprise-wide Defense Service Bus.

Bethesda, MD., November 16, 2006 – Dr. Brad Cox, Binary Group's project lead for the Defense Information Systems Agency's (DISA) Net-Centric Enterprise Services (NCES) program, was a guest speaker at the 2nd Annual Service Oriented Architectures (SOA) for E-Government Conference in McLean, VA. Dr. Cox's presentation titled, "Paving the Bare Spots: Towards an Enterprise-wide Defense Service Bus (DSB)" emphasized the needs of SOA go beyond functional services and require a bus to connect service to one another.

This bus is comprised of a set of interoperable standards and concrete implementations that provide the foundation for the SOA's services. To use a building analogy, the services are the "bricks" and the bus represents the "mortar". However, mature standards do not exist for critical Department of Defense (DoD) requirements including end-to-end message-level security, role based and attribute based access control, real-time messaging, interoperable asynchronous messaging, and intermittently-connected enclaves. Key Interface Profiles (KIPs) must be defined to bridge these gaps. Dr. Cox recommended the same open development principles used to create Web standards, such as SOAP, UDDI and WSDL, could be used within the DoD to define the KIPs and to build open source reference implementations.

According to Cox, "SOA is the latest in a long string of integration levels where each level enables larger components be built from smaller ones. SOA represents the first widely adopted integration level where components are services; network-resident applications that can be composed into enterprise solutions. The enterprise bus that supports these services is a crucial enabling step. Building such enterprise buses within project stovepipes is like expecting each home-builder to build their own roads. Infrastructure should be owned, managed, designed and deployed by the enterprise, based on collaborative contributions from all projects that use it but not controlled by any specific project. Otherwise, you have services, services, everywhere, but no way for them to interact other than through adapters and point-to-point wiring — the nemesis of interoperability."

The two-day conference was hosted by Mitre, a nonprofit, federally funded research and development firm. It was attended by industry experts and high level government officials where the agenda panelists, tutorials and plenary sessions were geared toward tackling the timely topic of SOA for the DoD.

About Binary Group Inc.

Headquartered in Bethesda, Md., Binary Group Inc. serves mission-driven leaders with enterprise-level responsibility in information technology by providing best value, strategic IT program support services that are free of organizational conflict of interest (OCI). Binary delivers strategy, architecture, governance, engineering design, and related management and planning to federal government customers including U.S. Army, U.S. Navy, Defense Dept.'s Office of the CIO and Defense Information Systems Agency (DISA). Binary is a 2006 Inc. 500 recipient and two-time recipient of the *Washington Technology* Fast 50 award.

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