

# AIAG's ATHENA IV&I Validation Pilot

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Contact: [Nenad Ivezic](#)

NIST presented our team's demonstration of Semantic and Web Services (WS) mediation for Business-to-Business integration to a group of North American automotive IT technologists and managers on November 21, 2006 in Detroit, MI, at the First Automotive Industry Action Group's (AIAG) Interoperability Showcase. We successfully exchanged messages from the University of Belgrade FOS Inventory Visibility (IV) application (running in Belgrade, Serbia) and the Ford Test Harness (running in Gaithersburg, MD) as well as a GM IV application and the Ford Test Harness. The two independently developed applications that used different message formats and WS implementation approaches successfully used the NIST Gateway that relied on the NIST-developed eKanban ontology, the ATHENA ARGOS reconciliation rules tester/simulator, and the Johnson WS Execution Engine. We have showed that the principal idea of a Semantic and WS mediator can be put in practice. In this demonstration we showed a running example of a first implementation of that idea.

View demonstration >>> [\[PDF\]](#) or [\[PowerPoint\]](#)