CONTACT: Mike Abramson
abramson@asmg-ltd.com
613-567-7097x222

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Trusted Information Exchange Services Technology Demonstration Project
Wins a 2018 Best of NEIM Award

Ottawa, Ontario – October 31, 2018 – Advance Systems Management Group (ASMG) tpday announced that its Trusted Information Exchange Services (TIES) Technology Demonstration Project (TDP) is a best of NIEM award winner. The announcement was made at this year's annual NIEM Business Architecture (NBAC Face to Face (F2F) conference in Arlington, VA. The TIES Project won in the Effective and Efficient Government category.

According to the website, the Best of NIEM awards "recognize teams or individuals for going above and beyond in collaborating, demonstrating measurable results, and furthering an efficient and effective government in their use of NIEM." NIEM, which stands for the National Information Exchange Model, is a common vocabulary that enables efficient information exchange across diverse public and private organizations. NIEM is a Department of Defense lead partnership with the Department of Homeland Security, U.S. Department of Justice, Department of Homeland Security, and Department of Health and Human Services, and others to connect communities of organizations that have requirements to share information in order to advance their mission and shared responsibilities.

The TIES Project was sponsored by the Canadian Safety and Security Program (CSSP) with partners from several Canadian Governments Partners including Public Safety, Shared Services, Canadian Border Security Agency, Transport, and National Defence. As part of this public private partnership, ASMG implemented the Object Management Group® (OMG®) Information Exchange Framework Reference Architecture (IEF-RA) by integrating several OMG® specifications, including SOPES™, IEPPV™, Unified Architecture Framework®, CORBA®, and the Data-Distribution Service™ (DDS) standards.

All of the winning projects will be recognized with a news story on niem.gov, have a short video produced highlighting their project, and receive an award certificate from the NIEM Program Management Office.

According to Michael Abramson, founder and president of ASMG, "The TIES Project demonstrated the ability of the IEF-RA to deliver Data Centric Security (DCS) for structured messaging environments (e.g., NIEM) using the IEF policy-driven data-centric approach. The demonstrator exchanged NIEM messages in a heterogeneous data environment that also included OASIS (Common Alerting Protocol) and NATO (STANAG 5525) message specifications. TIES (IEF implementation) demonstrated an agile and adaptive runtime environment with the ability to: selectively share information content based on an individuals' needs/authorizations; transform the information and data elements to conform to the differing data specifications; automate the tagging and labeling of data payloads base on content values; and

selectively route the information element using multiple protocols and middleware solutions. The implementation also demonstrated the ability to reconfigure the nodes (e.g., data policies) at runtime, in order to adapt to changing operational conditions or information needs."

Powan Lau, TIES Project Sponsor from the Canadian Department of National Defence (DND), said, "TIES is a case study in public/private sector ingenuity and showcases how collaboration with communities of practice can result in breakthrough innovation. The TIES innovations deliver the elusive "right information to the right entity at the right moment in real time." It manages information as valued asset and respects security and privacy issues. Further TIES can facilitate the provision of improved services, enhanced cyber security all at a lower cost."

About ASMG
Advanced Systems Management Group (ASMG) Ltd. a consulting company located in Ottawa, Ontario, Canada. ASMG co-chairs both the Consultation. Command, Control, Communications and Intelligence (C4I) and Information Exchange Framework working groups, and has co-authored or contributed to several OMG specification. ASMG focuses it consulting practice on the specification and delivery of innovative solution to Information sharing and safeguarding (ISS) challenges in the areas of: Enterprise Architecture, Information and Data Management, ISS, Poicy Automation, and data centric security.

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