



Information Sharing Programs Enhance Port and Border Security, Save Money

Posted by Kshemendra Paul, ISE Program Manager on Tuesday, January 8, 2013

Later today, I will speak at the 8th Annual [CES Government Conference 2013](#) ^[1]: **Ports of Entry: Technologies Driving Global Commerce and the Security of Nations** where I will share some of the work that my office has supported in advancing responsible information sharing at ports and borders. Many of our important partners in the WMD, maritime, and air communities have advanced their security missions and saved money through information sharing and interoperability programs. Two good examples of these projects are:

- [Radiological sensor info sharing through common standards](#) ^[2]: We partnered with the Domestic Nuclear Detection Office (DNDO) to invest in common data standards and other technical solutions to improve information sharing. They successfully developed and tested a prototype that connects standardized radiological/nuclear alarm data and detectors among federal, state, and local participants of the Global Nuclear Detection Architecture.
- [Sharing maritime domain information](#) ^[3]: Trident Warrior is an annual training event hosted by the U.S. Navy to test new innovations in naval operations. This blog post describes a test scenario that used [National Information Exchange Model \(NIEM\)](#) ^[4] to share and exchange data from the Automatic Identification Systems, an automated tracking system that exchanges data electronically between vessels and tracking stations to locate and identify vessels.

These programs are excellent examples of one of the goals listed in the White House's new [\(PDF\) National Strategy for Information Sharing and Safeguarding](#) ^[5]: Improve information discovery and access through shared standards. As called for in the Strategy, these programs implemented voluntary consensus standards through NIEM, and some improved and aligned their user access and authentication with [Federal Identity Credential and Access Management \(FICAM\)](#) ^[6]. More examples of information sharing success stories at our nation's borders, airports, and seaports can be found on page 22 of our [\(PDF\) 2012 ISE Annual Report to Congress](#) ^[7].

This year, we have invested in an information sharing pilot in the Port of Baltimore. Along with our partners in the National Maritime Information-Integration Organization and the DoD Executive Agent for Maritime Domain Awareness, we are working with the Coast Guard, port authorities, Maryland Department of Natural Resources Police, Maryland Emergency Operations Centers, the Maryland Fusion Center, and the Captain of the port. We expect to replicate the success that the U.S. Navy achieved in their two Trident Warrior information sharing exercises by re-using the data exchanges that they constructed using NIEM. This will standardize systems and facilitate information and data exchanges.

In the future, we plan to expand these information sharing projects to ports with international and tribal partners. To learn more about developing responsible information sharing for your organization, visit the [Building Blocks](#)

[8] tool on our site, which explains and demonstrates the key components of building such a program, including [Standards & Interoperability](#) [9].

Related Blog Posts:

[An Update on Standards: Acquisition and the Upcoming WIS3 Standards Workshop](#) [10]

[Supporting the National Network of Fusion Centers](#) [11]

[Building Blocks: An Exciting New Resource for Info Sharing Guidance and Best Practices](#) [12]

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Links:

[1] <http://www.cesgovernment.com/>

[2] <http://www.ise.gov/blog/nick-harris/information-sharing-success-radiological-sensor-info-sharing-through-collaboration->

[3] <http://www.ise.gov/blog/ise-bloggers/sharing-maritime-domain-information>

[4] <http://www.ise.gov/national-information-exchange-model-niem>

[5] <http://www.ise.gov/sites/default/files/2012infosharingstrategy.pdf>

[6] <http://www.idmanagement.gov/>

[7] http://www.ise.gov/sites/default/files/ISE_Annual_Report_to_Congress_2012.pdf

[8] <http://www.ise.gov/building-blocks>

[9] <http://www.ise.gov/building-blocks/standards-and-interoperability>

[10] <http://www.ise.gov/blog/carrie-boyle/update-standards-acquisition-and-upcoming-wis3-standards-workshop>

[11] <http://www.ise.gov/blog/kshemendra-paul/supporting-national-network-fusion-centers>

[12] <http://www.ise.gov/blog/kshemendra-paul/building-blocks-exciting-new-resource-info-sharing-guidance-and-best-practices>

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