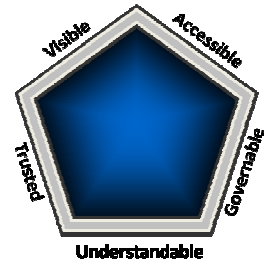


April 2009  
Volume 2, Issue 1

# DoD COI Newsletter

DoD CIO Information Policy & Integration Directorate



## Announcements

### Upcoming COI Forums

- 15 July 2009
- 14 October 2009

### COI/Data Sharing/ Training

- 5-6 May 2009
- 21-22 July 2009
- 22-23 September 2009
- For registration e-mail:  
COI\_HelpDesk@osd.mil

## Maritime Domain Awareness Data Sharing COI

The MDA DS COI continued its tradition of delivering advanced information sharing capability to the WarFighter by completing their Spiral 3 efforts. After a successfully wrapping up their Spiral 2 pilot effort in April 2008, attention turned to the MDA DS COI goals for Spiral 3 which are to expose new data sources to the enterprise (Notice of Arrival data and Single Integrated Look Out (SILO) data), pilot an Attribute Based Access Control (ABAC) capability to allow authorized sharing of restricted data (i.e. Personally Identifiable Information (PII)), continuing to support new and emerging MDA producers and consumers, support MDA related exercises to increase awareness of net-centric information sharing at the operational & tactical levels, and to expand the COI to support information sharing with our international partners.

While Spiral 1 and Spiral 2 focused on vessel position information from various Automatic Identification System (AIS) data providers, the MDA DS COI wanted to focus on new data types. Every ship that arrives or departs the United States must submit a Notice of Arrival (NOA) message 96 hours before they arrive/depart. While NOA data was being shared via point to point connections within the US Coast Guard, that information wasn't exposed to the larger MDA community or the unanticipated user. NOA data includes not only vessel information, but also people information (crew, passengers, etc) to include some Personally Identifiable Information (PII) which has information sharing restrictions. The NOA data is currently being published to the NCES Messaging Service on the NIPRNET and the

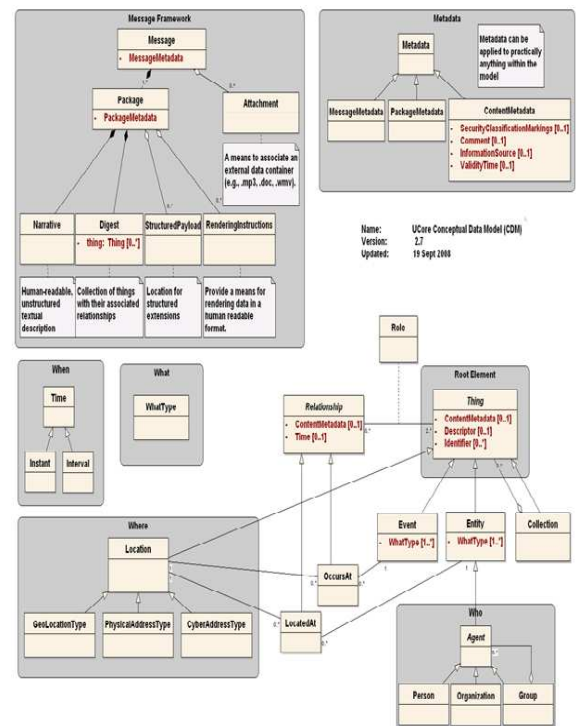
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## UCore 2.0 Baseline Released

On 31 March 2009 the Federal Co-leads of the UCore Development and Implementation team, Dan Green and Jeremy Warren announced the release of UCore 2.0 Baseline. The UCore development effort is the result of 18 months of design, development, testing and evaluation by over 500 members of the UCore community. An executive briefing has been posted on the site to help socialize the development of the UCore.

The UCore Development and Implementation team has stood up a full service web site at <https://ucore.gov> (registration required). The web site provides access to the latest developer's guide, schemas and documentation to support UCore implementation. The next stage in the evolution of UCore is to encourage its adoption across the federal government.

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## Maritime Domain Awareness Data Sharing COI cont.

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USCG has implemented the Federated Search Web Service so the NOAA data can be queried using NCES' Content Discovery Service. In addition to the NOAA data, the MDA DS COI worked with the Office of Naval Intelligence (ONI) to expose Single Integrated Look Out (SILO) data. SILO data includes vessel of interest data from various organizations across DOD and DHS that is aggregated at ONI before being shared with the MDA DS COI. The SILO data is classified, so it is only available on SIPRNET. The SILO data will be published to the NCES Messaging Service on the SIPRNET soon and the ONI has implemented the Federated Search Web Service so the SILO data can be queried using NCES' Content Discovery Service.

Since the NOAA data has information sharing policies to protect the PII data, the MDA DS COI wanted to pilot an ABAC capability where information sharing policies could be defined as rules and then access to information would be determined based on the attributes of an individual user. While the technology behind the ABAC pilot was challenging, important information sharing policy issues were

identified during this process as well. For example, AIS data is being collected from multiple organizations within the federal government and then shared between organizations. Since it is a common data type that no organization is specifically responsible for, who defines and approves what the information sharing policies should be for that type of data across the federal government (and beyond to our coalition partners). Another issue revolves around data being shared from a single organization. For example, the USCG is the data steward for NOAA data. Are the information sharing policies defined and approved by USCG appropriate for the larger federal community? These types of information sharing policy issues will be passed to the national MDA Information Sharing Sub-Committee while the rest of the MDA DS COI will transition to the National MDA Architecture Management Hub led by Department of the Navy (DON) Chief Information Officer (CIO) in April 2009.

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COI Resources  
on the Web!

See us at:

<http://www.dod.mil/cio/coi/>

## Data Sharing Success Stories on DKO

The DoD CIO published a DoD Net-Centric Services Strategy in March 2007. The DoD's vision is to establish a Net-Centric Environment (NCE) that increasingly leverages shared services and Service Oriented Architecture (SOA) to delivery enhanced information sharing capabilities to the Warfighter. We want to understand how far the DoD has progressed in implementing and using shared services.

The DoD CIO would like to capture and share success stories to demonstrate how far the DoD has progressed in implementing and using shared services. We want to gather success stories across the Warfighter, Business, Intelligence, and Enterprise Information Environment Mission Areas. These success stories cover multiple perspectives - from the operational user to the IT developer to the organizational manager. These success stories can be the result of Community of Interest (COI) efforts, programs of record, initiatives, operational users, pilots/experiments, or organizational managers.

The value of sharing your success stories is the increased awareness and exposure to the community the benefits you have realized. This exposure will enable others to learn from your example, will inform future investments in IT capabilities, and will provide increased opportunities to further transform the DoD. Your posting of this information, will help document the progress DoD is making toward establishing a Net-Centric Environment. Click on this link <https://www.us.army.mil/suite/page/607312> and follow the instructions on the web page to document and share your success story. We want to know about your successes - please share with the DoD community!

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