

O'Neil Part of Winning Team to Develop DoD S1000D-SCORM Test Bed



For Immediate Release

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DAYTON, Ohio (January 24, 2006) - Intelligent Automation Inc. (IAI) of Rockville, MD has been awarded a contract to develop the DoD S1000D-SCORM Test Bed. The IAI team members for this effort include O'Neil & Associates, Inc., The Learning Systems Architecture Laboratory, Delta 3D, and Dynamics Research Corporation.

The DoD Test Bed for SCORM (Sharable Content Object Reference Model) and S1000D (an emerging international standard for the creation and management of technical publications) is needed to investigate, test, and develop existing or new software products and tools to explore the relationships between SCORM learning objects and S1000D data modules. These relationships, from both a developer's and user's point of view, can lead to efficiencies in discovery, reuse, life cycle maintenance, and management of content.

S1000D data modules can be inserted into SCORM learning sequences and Interactive Electronic Technical Manuals (IETMs) could draw on SCORM objects to improve their quality and usability. This DoD cross-cutting effort between the Office Under Secretary of Defense (OUSD) Personnel & Readiness (P&R) and OUSD Acquisition, Technology & Logistics (AT&L) will populate a repository, located within the Advanced Distributed Learning Job Performance Technical Center (ADL JPTC). It will use test data from selected programs from all services, US government agencies and several international partners. The front end of this system will incorporate many current vendor softwares and tools as well as emerging tools. "Use cases" from the above selected program's test data will involve the following types:

- IETMs
- Web-Based Learning Materials
- Desktop Simulations
- Games
- Electronic Performance Support Systems (EPSS)
- Knowledge Online Materials (Web references)
- Analysis Objects

These objects will be stored and named using a common standard-based methodology developed by ADL, CORDRA. To test a program's life cycle support, "a ripple-down effect" will be used on modified objects to capture the impact on all test data as well as data interaction. For example, if the technical manual data changes, how will that impact on the training material developed to support it as well as current job aids used ?

Lessons learned will be gathered with a focus on best practices and business rules. Potential impacts and recommendations will be forwarded to the appropriate specification bodies (ADL-SCORM and ASD-S1000D) as well as DoD organizations for consideration regarding their impact on existing policy, procedures, and instructions.

O'Neil & Associates, Inc, based in Miamisburg, Ohio, has been in business since 1947 providing product support documentation and training services. Over the past ten years, they have produced numerous IETMs for the DoD and have been developing tools for the management and sharing of data between technical manuals and training. O'Neil has several members on the international committee for S1000D and has active participation in the creation and maintenance of the specification.