



IUID

Item Unique
Identification

IUID Team Excellence Award

Major Robert Charlton
Headquarters Marine Corps
Norway IUID & PLCS Project



Ms. LeAntha Sumpter, (Deputy Director for Program Development and Implementation, Defense Procurement & Acquisition Policy in the Office of the Under Secretary of Defense for AT&L) presents Major Robert Charlton (Headquarters Marine Corps, Norway IUID & PLCS Project) with an IUID Team Excellence Award.



IUID Team Excellence Awards



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Since the IUID Policy was introduced in 2003, it has been rapidly implemented by Department of Defense (DoD) Program Managers, Depots, Automatic Identification Technology (AIT) Solution Providers, Government Leaders and DoD Suppliers. Many stakeholders have fully embraced IUID to improve data quality, standardize serialization, and take advantage of automatic data capture to revolutionize existing business processes. Although there have been some challenges in IUID implementation, the rewards far outweigh the challenges, transforming current DoD business practices. Through individual and organizational dedication and resolve, over 3 million items have been entered into the IUID Registry.

The April 8-9 2008 UID & eBusiness Forum, held in Huntsville, Alabama, marked the first distribution of the IUID Team Excellence Award. This award recognizes teams that successfully deployed IUID above and beyond standard adoption.

The IUID Team Excellence Award was presented to the leaders of the IUID Marine Corps Propositioning Program Norway and PLCS (Product Life Cycle Support) integration project, co-led by Major Robert Charlton. Major Charlton has been in the Marine Corps for close to twenty-two years and has been working for Headquarters Marine Corps for eleven months. In that short amount of time, Major Charlton has made great strides supporting IUID.

Major Charlton provided a critical role in the pilot program from conception through completion. As a result of this pilot, the team has proven that an electronic link between the US and other NATO nations' inventories is possible, and that a common data exchange standard, ISO 10303, "Standard for the Exchange of Product model data (STEP)", AP 239 "Product Lifecycle Support (PLCS)" using UID could provide the key to this vision. This capability can be widely used to allow all NATO partners to leverage equipment, parts inventories, and failure histories to streamline the logistics process in times of peace and more importantly during times of confrontation.

As part of the DoD IUID policy mandate requiring IUID compliance, the Headquarters USMC Lifecycle Management Team led the way from a government perspective, working closely with industry partner Lockheed Martin. In partnership with the Norwegian Defense Logistics Organization (NDLO), the project simulated a "seek and apply" strategy for legacy IUID marking and registration. Specifically, forty-one USMC Medium Tactical Vehicle Replacement (MTVR) legacy assets, including embedded components, were identified, marked, and appropriately registered in the IUID Registry.

The MTVRs' rough marking surface and Chemical Agent Resistant Coating (CARC) paint required the development of a custom "peel and stick" data plate. Avery Dennison developed the new adhesive tape specifically for this type of application. This new product has simplified the application process, creating new opportunities for IUID data plate field application. This new process is the first known USMC "in field" IUID marking.

This project provided an excellent opportunity for military and commercial industries, as well as the US and Norwegian governments, to work together in a cooperative effort to mark, identify, and exchange critical asset data. The results of this element of the Norway project may have broad application to DoD-wide items that demonstrate challenging mark-surfaces or application environment conditions. These remarkable benefits, which can be applied to similar situations, were led by Major Robert Charlton (HQ USMC) and Mr. Mark Byrne (Lockheed Martin). Additional project details can be found at www.acq.osd.mil/dpap/pdi/uid/.