

Ordnance Information System

The OIS is a vertically integrated, web-enabled collection of formerly separate user applications, internal processes, and report generators operating against a distributed Oracle relational database.



Authenticated users will interact with the database from their desktops, using a web browser, web-enabled forms, and specialized applications.

The OIS will create a transformational change for management of the ammunition inventory, and will position the Naval ammunition community to become one of the first major commodities positioned with an open system that will become part of the Global Combat Support System (GCSS) Family of Systems (FoS) that are being championed by the Joint Chiefs of Staff, Unified Combatant Commanders and the Deputy Commandant for Installations & Logistics (DC I&L) as a top priority.

Why are we moving forward to OIS?

IMSD was faced with a critical decision when the Joint Ammunition Standard System (JAMSS) was terminated leaving the Services to find a material solution. Marine Ammunition Accounting Reporting System (MAARS) is a batch process system that would need to be modernized or an alternative identified to support “real time” asset visibility as directed in the CINC 129 Requirements Document. Modernizing MAARS would be a costly and laborious endeavor. An analysis of alternatives was conducted and the most favorable alternative was to partner with our Navy counterparts and the Navy

Ammunition Logistics Center (NALC) to develop a Naval system for supply class V. The joint solution is known as the Ordnance Information System (OIS), which brings together functionality of many legacy systems into a web-based shared data environment.

The Task of OIS is huge. Below is a sampling of the currently Legacy Applications, which provides a good understanding of what OIS is intended to replace.

- a. Ammunition Disposal Inventory Management System (ADIMS) supports the inventory management functions for the worldwide management and control of non-nuclear ordnance material that has been authorized for demilitarization and shipped to a Navy Demilitarization Special Defense Property Disposal Account.
- b. Naval Ordnance Asset Visibility System (OrdVis), used to geographically locate ordnance, ships, fleets, and battle groups associated with specific ammunition items.
- c. Conventional Ammunition Integrated Management System (CAIMS), used to support the inventory management functions required for the worldwide management and control of non-nuclear ordnance materiel.
- d. Defense Transportation Tracking System (DTTS), used to monitor the transport of ammunition assets to and from geographical locations.
- e. Global Naval Ordnance Positioning Plan (GNOPP), used to provide available positioning quantities of naval ordnance and daily deficits of naval ordnance for one or more given scenarios.
- f. Load Plan, used to plan and report worldwide ammunition storage facility space usage and capabilities of Navy and Marine Corps storage activities.
- g. Marine Corps Ammunition Accounting/Reporting System (MAARS), used to support Inventory Control Point (ICP) functions for worldwide management and control of Marine Corps-owned ammunition assets.
- h. Naval Asset Utilization Tracking Inventory Logistics User-friendly System (NAUTILUS), used to project weapon system supply support, replenishment and maintenance budget requirements.
- i. Ordnance Assessment Portfolio (OAP), used to create a series of assessment displays that provide statistics regarding data integrity, readiness, and other stockpile

profiles.

j. Ordnance Data Warehouse (ODW), used to store official reports and data files, and to facilitate the re-use of existing ordnance summary data.

k. Retail Ordnance Logistics Management System (ROLMS), used to receive, maintain, and issue conventional ordnance at the retail level in support of ordnance management activities.

l. Receipt, Segregation, Storage, and Issue (RSS&I), used to simulate the tonnage of ammunition handled by ordnance activities and the flow of tons required to support fleet operations.

m. Tomahawk Asset Inventory Management System (TAIMS), used to maintain, provide total asset visibility, and ensure data accuracy of Tomahawk transactions received from the CAIMS.

n. Service-Wide Transportation (SWT), used to automate the development of actual and projected budget tracking charts for tonnage and traffic management.