

SAAS-MOD

Standard Army Ammunition System

System Description

SAAS-MOD is the multi-level automated ammunition management, reporting, and accounting system that automates all retail life cycle Class V management functions. It operates in both tactical and non-tactical environments. There are four separate but interrelated levels of SAAS-MOD used by ammunition managers and ammunition unit personnel. SAAS-MOD provides automation for Theater Army Materiel Management Center (TAMMC), Corps Materiel Management Center (CMMC), Ammunition Supply Points (ASP), Division Ammunition Office (DAO) and Ammunition Transfer Holding Points (ATHP).

1) SAAS-MOD operates at the theater, corps and MACOM level MMC providing the automation necessary for the Class V managers to have full visibility of all conventional ammunition assets on hand or in transit within their area of operation.

2) SAAS-MOD provides automation to support the ammunition supply accountability operations (inventory control, receipt, and issue) in the operation of Ammunition Supply Points (ASP), Corps Storage Areas (CSA), Theater Storage Areas (TSA).

3) SAAS-MOD operates at the division MMC, separate brigade MMC, or regimental MMC providing the automation necessary for the Class V managers to have full visibility on ammunition basic load requirements, training requirements and task force requirements. In wartime SAAS-MOD provides the capability for the DAO to monitor receipt and distribution of ammunition to maneuver units supported by the ATP. During peacetime it feeds the Training Ammunition Management Information System - Redesigned (TAMIS-R).

Software/Hardware Platform

Software

SAAS-MOD operates under the Windows NT 4.0/Windows 2000 server and WIN 2K Professional operating systems. It uses Oracle Relational Database Management System (RDBMS) version 9i for data management.

Hardware

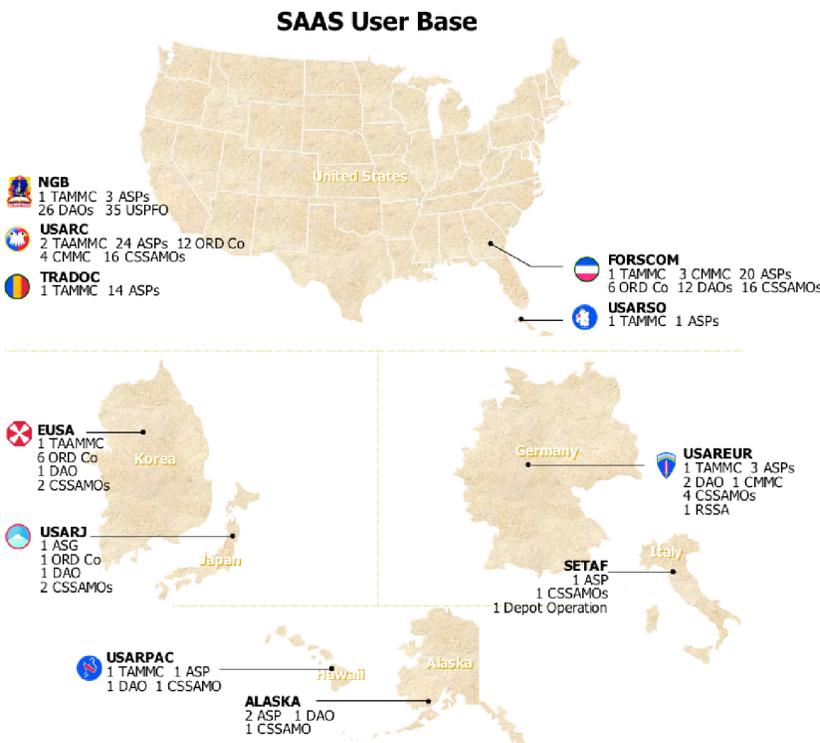
The SAAS-MOD application runs on a minimum Pentium III 1 Ghz chip with 128 megabytes of Random Access Memory (RAM) and ten (10) gigabyte hard disk drive (HDD).

Telecommunications

SAAS-MOD provides the option to communicate via magnetic media or electronically. The user specifies during communication setup which option will be used. If magnetic media is selected, data will be written to 3.5" diskette. If electronic transmission is selected, data will be sent to the destination using file transfer protocol (ftp). This can be through a dialup network connection or a direct connection to the NIPRNET.

Security

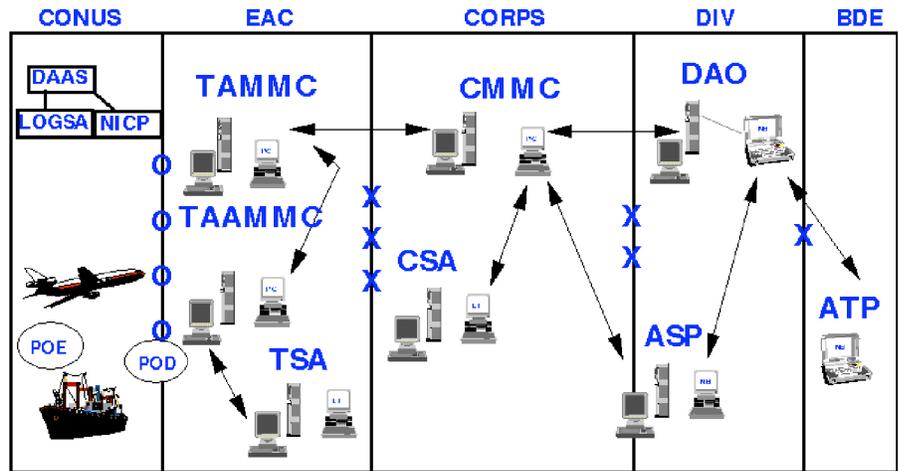
SAAS-MOD received full DITSCAP accreditation in July 2003.



Benefits

As a result of automation, the following benefits were realized.

- Improved Class V processing accuracy and proficiency through use of source data automation (Automated Identification Technology) for ammunition functions
- Software flexibility through use of Open Systems Environment (OSE) techniques and methodologies --This allows application software to be ported to any OSE compliant hardware platform, and reduces hardware costs by allowing system deployment on less expensive Nondevelopmental Item (NDI) computers.
- Functional operations flexibility allows any ammunition organization to tailor SAAS-MOD software to their unique operational requirements. For example, if a Corps Materiel Management Center (CMMC) changes to a tactical Theater Army MMC, it will have all the software needed to meet the new, additional, reporting and management process requirements.
- Near real-time processing provides up-to-the-minute information to support critical decisions which have to be made by the field commander in battlefield conditions, and allows commanders visibility of the Class V assets available.
- Training standardization eliminates the learning curve usually experienced when users transition from peacetime to wartime conditions.
- Improved survivability and readiness due to a smaller hardware footprint (reduced transportation demands), and the capability to port software to other OSE compliant-computers
- Promotes a Single Class V System that
 - enhances Total Distribution Plan (TDP)/Army Strategic Logistics Plan (ASLP) Objectives.
 - facilitates Force XXI and Split Operations Changes.
 - fully Developed Class V Business Model.
- Improved Total Asset Visibility (TAV) through use of radio frequency identification(RFID) tags and reporting to the Intransit Visibility (ITV) server
- Provides capability to ship and receive ammunition prepackaged in containers reducing soldier workload.



SAAS-MOD architecture

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Fielding Status

Initial fielding for SAAS-MOD was completed during FY99. The system is currently in Post Deployment Software Support (PDSS).

Versions and Updates:

Change Package (SCP) L6F-04-00 began distribution in July 2003.

Customer Support:

The Customer Assistance Office (CAO) can be contacted at commercial: (804) 734-1051, DSN 687-1051 or email cao@sdcl.lee.army.mil