



ARMS RFID
Armory Management System
Radio Frequency Identification

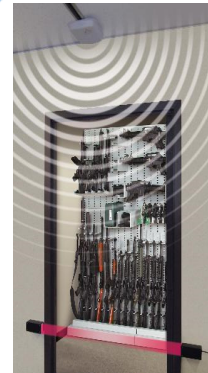
Armory Management Systems



The ARMS Armory Management System delivers accountability and security of weapons, gear and ammunition through a computerized registry, personnel authentication, bar code / RFID issues-and-returns, electronic signature capture and alarms / alerts if unauthorized removal of weapon from armory.

RFID antennas at issue windows and doorways track personnel and the weapons, gear & ammo that are removed or returned. Photos of detected items display for authentication and to validate post-assignment and weapon certifications. Issued items display on electronic signature pad to confirm transfer-of-custody.

- Track weapons, gear and ammo with radio waves at windows and doors
- Authenticate personnel with ID cards, touch screen PIN # device or biometrics
- Automate inspection, cleaning & test firing cycles and maintenance events
- Track post requirements, post assignments & weapon certifications
- Rapid inventories with radio waves



ARMS ARMORY MANAGEMENT SYSTEM REPLACES INEFFICIENT HANGING TAGS, CLIPBOARDS AND MANUAL PROCESSES WITH STATE-OF-THE-ART TOUCH SCREEN COMPUTING, DATABASE MANAGEMENT AND RFID TRACKING TECHNOLOGIES.

ARMS ARMORY MANAGEMENT SYSTEM PROVIDES ACCOUNTABILITY AND CHAIN-OF-CUSTODY OF WEAPONS, GEAR AND AMMUNITION. ARMS MANAGES THE ITEMS REQUIRED FOR MANNING A POST AND THE POST ASSIGNMENTS OF PERSONNEL. TRAINING AND CERTIFICATIONS ARE TRACKED AND COMPLIANCE IS ENSURED. ITEMS THAT ARE BEING TRANSFERRED DISPLAY AS PHOTOGRAPHS AND ARE COLOR-CODED IN RED OR GREEN BASED ON POST REQUIREMENTS AND STAFF CERTIFICATIONS.

LIGHTS, ALARMS AND VIDEO CAMERAS CAN BE IMPLEMENTED TO PROVIDE ADDITIONAL SECURITY AND ACCOUNTABILITY OF ALL WEAPON ISSUES OR MOVEMENTS.

RFID Radio Wave Technology & Automation

RFID antennas placed at doorway and issue-windows automatically track personnel arriving for duty or returning from duty, and, all weapons, gear and ammo issued or returned. Portable scanners inventory the armory in minutes after shift-changes or for periodic audits, and are also utilized to find 'missing' objects. RFID tracks people and objects without requiring manual processes or paperwork.

Validate

Pictures of weapons, gear and ammo required for a post-assignment display on touch-screen monitor, and photos highlight in green or red depending on certifications, weapon assignments and post requirements.



Track

RFID antennas at issue-windows and doorways detect every person that enters or leaves and the weapons, gear and ammo that they receive or return. The ARMS database is automatically updated with locations of items issued or returned.



Inventory

The portable scanner displays rows of data for each weapons or object that is supposed to be in the armory, based on RFID tracking of issues and returns. The portable scanner reduces inventory times by 90% and enables more frequent audits.



Technology

ARMS can be installed on Open software or Microsoft platforms, providing enterprise-class performance for a single armory or hundreds of armories and warehouses.

Password protection, encryption and SSL security features can be enhanced with 3rd party and customer security infrastructure to prevent breach of data.

RFID Tags

ARMS Army Management System utilizes proven weapons tags that are epoxied within grips and have been tested through test firings and cleanings. RFID weapons tags and RFID ID cards track every person or object that is removed-from or returned-to an armory.



Security Features

Each time weapons, gear, ammo or staff RFID tags are identified at a doorway or issue-window, the ARMS database reconciles the RFID tag data against business rules, and RFID detection zones can trigger alarms, flashing lights and video cameras to ensure that assets are not moved or removed from premises in an unauthorized manner. SMS text message and emails can automatically route to designated security personnel if a security breach occurs.



ARM Armory Management System Software

ARMS Armory Management System software reflects the input of numerous military, police and security agency personnel, guiding the development of the software since 2007. As such, ARMS represents the best practices of military, police and security organizations across the United States and the world. In addition to tracking weapons, gear, ammo, post requirements and personnel certifications, ARMS proactively monitors due dates for cleanings, inspections, test firings and maintenance.

ARMS Functionality

- ▶ Registry of all weapons, gear and ammo
- ▶ Track with radio waves or bar codes
- ▶ Attach armory asset photos to database
- ▶ Displays photos during issues and returns
- ▶ Maintain custody from acquisition to disposal
- ▶ Update histories from acquisition to disposal
- ▶ Monitor inspection, test firing & cleaning cycles
- ▶ Hanging tags provide receipt and weapon ID
- ▶ Track parts and personnel servicing weapons
- ▶ Track personnel weapon certifications
- ▶ Unlimited reports and reporting
- ▶ Trigger security based on business rules



ARMS Software

The screenshot displays the VirtualDoxx ARMS Software interface. At the top, a blue banner reads "ARMS Software". Below it, the application window title is "VirtualDoxx - test-data.virtualdoxx.com". The interface includes a menu bar with options: Project Summary, E-Forms, Data Entry, Spread Sheet, Search Database, Tracking, and Reports. A central header area features a "Single E-form" button and a prompt: "Please enter Variable data values for each field below".

#	Field Name	Value	Example
	*Location	BNP-Armory-BNP Armory	BNP-Armory
	*Plant	BNP	BNP
1	*Type		Colt AR-15
2	*ID#		12345
3	*Serial# (enter twice)		BER999999
4	Acquisition Date		07/11/2009
5	*Item Status	Active	Out of Service
6	*Assigned To		Alpha
7	Sold/Disposal Date		11/04/2008
8	RFID		E20031111111111111111111111111111
9	Last Cleaning Date		07/11/2009
10	Last Maint Date		07/11/2009
11	Last Inspection Date		07/11/2009
12	Last Test Fire Date		07/11/2009
13	Last Service Date		07/11/2009

Notes: [Text Area]

Insert into Spreadsheet at Row: 1

Virtual Doxx Implementations

- U.S. Air Force
- Saudi Royal Guard
- Baton Rouge Police
- State of Arizona Crime Lab
- Washington D.C. FEMS
- U.S. Dept. of Homeland Security
- U.S. Dept. of State
- Trinidad-Tobago Police Services
- Canada Supreme Court
- U.A.E. Ministry of Interior
- Botswana Ministry of Infrastructure
- U.S. Department of Transportation

Track Weapons, Gear, Ammo and Personnel

Track Inspections, Cleanings, Inspections and Maintenance

Fully Integrated Bar Code and RFID Technologies

Provide Security to Prevent Unauthorized Weapons Access



www.weaponstracking.com

www.virtualdoxx.com