

WEAPONS STORAGE

- **Military Base**
- **Police Department**
- **Deployment Center**
- **Shooting Range**
- **Armory**
- **Weapons Manufacturer**

PROBLEM

Weapon's storage space at this military base was growing tight, Weapons were being stored out in the open areas and the existing weapons storage racks and cabinets—which held arms, ammunition, and explosives—were falling apart. Locks were broken, latches hanging down and the newer weapons no longer fit the cabinets correctly. There were twice as many weapons as there was existing storage. As a result, safety and security was a growing concern.

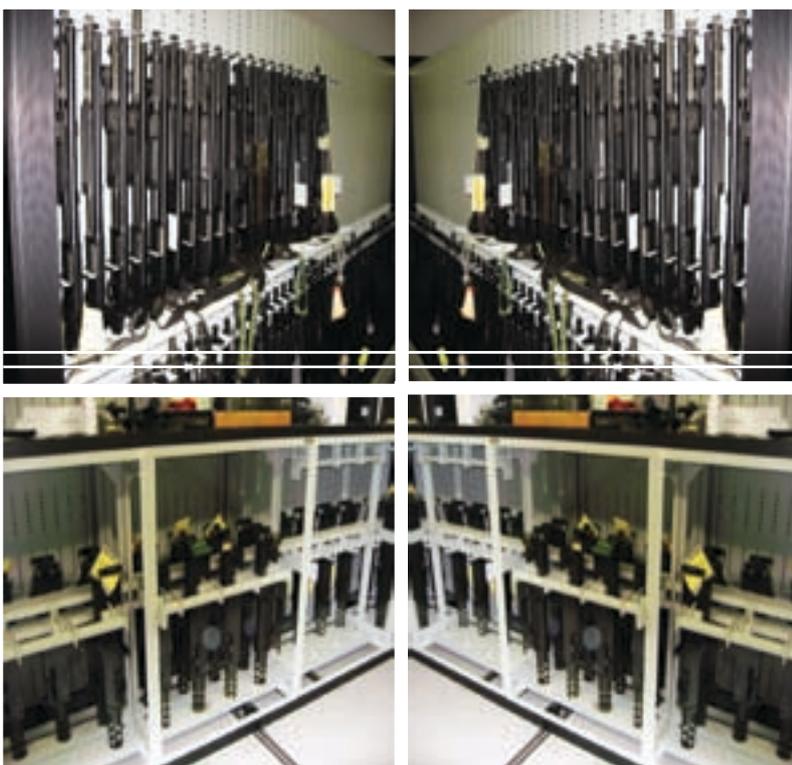
OBJECTIVE

To design a customized high density mobile storage system with retractable doors, a combination rack-and-bin system, and locking bars to provide unparalleled weapons security in strict conformance to military requirements for the storage of conventional arms, ammunitions, and explosives. To find a secure, durable, easily visible, space efficient end-to-end weapons storage system that can be customized for a variety of weapon types.

SOLUTION

Combat weapon storage systems are available as stand-alone fixed storage systems or as high density mobile storage systems mounted to moveable carriages for a compact shelving system. Our background as storage system experts allows our system designers to implement the most efficient, space effective armory design available.

We designed a rapid deployment system designed for base security forces with a high density weapons storage system utilizing fully welded, heavy-gauge cabinets that provide long-lasting service even under the toughest conditions. A detachable, diamond-shaped mesh grill permits content visibility while providing addition security to the system. Each cabinet handles the weaponry for one squad, and cabinets may be easily stacked and "ganged together" to provide centralized storage for platoons, companies, and even battalions. Because of rapid deployment needs this modular, stackable solution housed on a mobile storage system will maximize armory storage space in even the tightest conditions.



Other specific features of the new weapons storage system include:

- Designed mobile carriages to hold large capacity lockers, in various configurations, for safe and secure storage of handguns, shotguns, or ammunition. All lockers, which are also wall mountable, have a full size main door with combination locks, allowing inspection of all compartments.
- Designed other mobile storage carriages to hold a portable gun box system as a result of which the armory will have peace of mind knowing that its guns can now be safely stored and/or transported with minimal risk of damage or unauthorized use.

By providing a system with fixed carriages of weapons storage capabilities and the utilization of carriages to hold the stackable standalone weapons storage cabinets, we gave the military base an ideal solution whereby the standalone cabinets can be offloaded from the mobile system and deployed as needed and restored after they are no longer needed in the field. This type of flexibility in a weapons storage application is what makes our designs state of the art.

An Armory Asset Tracking Software Systems completed the package by providing a real time inventory and theft prevention process. The high density weapons storage systems we provided to this military base are easily configurable for future expansion.

