



POLSTORE
STORAGE SYSTEMS

ENHANCING SECURITY
AND EFFICIENCY IN
MILITARY WEAPONS
STORAGE

THE CHALLENGES IN OPTIMISING WEAPONS STORAGE AND SECURITY

A Military Customer at an RAF Base faced a challenge with their existing weapons storage facility. Their primary goal was to reorganise and modernise the space, enhancing both security and efficiency. The current setup was inefficient, requiring personnel to retrieve different weapons from multiple locations, which was time-consuming and disorganised. Additionally, they needed a more uniform storage solution for easier access and retrieval of weapons. The storage facility had to maximise space, secure all weapons in one location per person, and allow for easy monitoring of missing or in-use items.

ENHANCING CAPACITY, SECURITY, AND EFFICIENCY

Polstore was selected as the storage solutions provider through a competitive tender process after being discovered via their website and receiving internal recommendations. Polstore presented a comprehensive solution to meet their Military customer's needs. The company provided secure mobile roller racking with specialised internal weapons racking and foam shadow boards for each weapon. Each personnel member was allocated a designated spot for their pistol, carbine rifle, and space for weapon-related documentation, ensuring all items were stored in one secure location.



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The storage solution included:

- Installation of 16 bays with 43 meters of linear storage, accommodating 176 carbines, 176 pistols, and 15 shotguns, thereby increasing storage capacity by 60%.
- Double-height shelves, each holding 8 guns, were installed, with one bay dedicated to other artillery equipment.
- The racking system was secured with bolt floor locks for enhanced security and could be locked in place during use.
- Custom shadow boards were designed to hold the base of carbine rifles at a specific angle, future-proofing the storage for potential customizations.
- The entire racking system was mounted on heavy-duty chequer plate flooring to withstand military boots and frequent use.
- Bespoke units were designed in anthracite grey to fit the armoury's low ceilings, with adjustments made to ensure the units were under the standard 2m height.
- Yellow foam inserts were introduced to allow for quick identification of missing or in-use items.

60% INCREASE IN STORAGE CAPACITY: MAXIMISING SPACE AND EFFICIENCY

The new storage solution greatly enhanced operational efficiency at the military customer's RAF base. The armoury now houses all necessary weapons and documentation in a single, secure location per personnel member, simplifying the retrieval process and saving time. The 16-bay system, with its 60% increase in storage capacity, streamlined the storage of 176 carbines, 176 pistols, and 15 shotguns. Additionally, the system's secure design ensured the protection of sensitive equipment, while the custom foam shadow boards future-proofed the storage system for any potential customisations. The installation was completed in just 2-3 days, minimising disruption to the base's operations.



POLSTORE'S VERSATILITY IN THE MILITARY SECTOR

Polstore's success at the Military Customer's RAF Base demonstrates the company's ability to deliver tailored storage solutions specifically for the military sector. From secure armoury storage to equipment handling, Polstore works closely with military clients to develop efficient and adaptable systems that enhance operational readiness and streamline workflow. Their storage solutions are designed with flexibility in mind, ensuring they meet the unique security and accessibility demands of military environments. By maximising space, improving weapon and gear access, and promoting organised, clutter-free armouries, Polstore helps military teams maintain focus and efficiency while reducing logistical challenges.

SURPASSING EXPECTATIONS IN WEAPONS STORAGE SOLUTIONS

The armoury manager at the RAF Base was extremely pleased with the results of the new storage solution. The transformation of the armoury exceeded expectations, providing a secure and efficient system that greatly improved weapon accessibility for all personnel. The added security features, such as the bolt floor locks, offered an extra layer of reassurance. The entire process, from design to installation, was completed smoothly and in a timely manner, leaving the team highly satisfied with the outcome and the significant improvements in both organisation and functionality.

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MILITARY STORAGE SPECIALISTS SINCE 1964

Since 1964 Polstore has been providing high end military storage & tool solutions helping Armed forces prepare for the way ahead. Whether it be land, air or sea our aim is to create efficiency, reduce waste, lower overheads, improve attitude and motivate military personnel within the workplace.

- CONTAINER CONVERSIONS
- STORAGE CUPBOARDS
- TRAILERS & TROLLEYS
- MOBILE TOOLBOXES
- WEAPONS STORAGE
- COVERS/ BAGS
- WAREHOUSE FIT OUTS
- STEEL MESH CAGES
- ELECTRONIC LOCKING
- CUSTOM FOAM INSERTS
- SHELVING & RACKING
- BESPOKE SERVICES