

STORAGE 101

The stuff to know to do storage right



Courage wins battles. Logistics wins wars.

TABLE OF CONTENTS

[01 Federal Government Capability Statement](#)

[02 Types of Storage](#)

[03 Procurement Vehicles](#)

[04 Planning and Design](#)

[05 Installation](#)

[06 Ongoing Relationship](#)

[07 Next Steps](#)

Civilians can't fully understand the defense experience. Yet one thing we do know is defense fights a daily battle against chaos. In an environment where precision is essential to operational success, you can't afford confusion over where items are stored. The mission may depend on quick access to the right gear, securing equipment in transit and making sure every item is accounted for, tracked and kept in top shape. Here are a few examples of ways that storage can help with victory over the tyranny of stuff:

- + Military Gear and Tactical Readiness Lockers are built to last and come in a variety of sizes
- + Universal Weapons Rack provide security and portability of weapons, optics and other military gear
- + Parachute Racks, Containers and Folding Tables keep para-rigging operations flowing smoothly
- + Save space and time throughout the base with Compact Storage Systems

01 FEDERAL GOVERNMENT CAPABILITY STATEMENT

Combating stuff can be a critical mission. **Defense storage solutions from Patterson Pope** are specifically designed to ensure your weapons, optics, supplies, equipment, materials, records and uniforms are stowed in a tidy manner – so you can get to it fast. We also make sure it is protected & portable. We provide victory over the tyranny of stuff.



PARTIAL LIST OF BASES WE SERVE

Army Strategic Logistics Activity – Charleston
Air National Guard (Multiple)
Army National Guard (Multiple)
Camp LeJeune
Dobbins Air Force Base
Duke Field
Eglin Air Force Base
Homestead Air Reserve Station
Hunter Army Airfield
Hurlburt Field
Joint Base Charleston
MacDill Air Force Base
Marine Corps Air Station – Beaufort
Marine Corps Air Station – Cherry Point
Marine Corps Air Station – New River
Moncrief Army Community Hospital
Moody Air Force Base
Naval Air Station – Jacksonville
Naval Air Station – Key West
Naval Hospital – Jacksonville
Patrick Air Force Base
Pope Army Airfield
Robins Air Force Base
Simmons Army Airfield
Seymour Johnson Air Force Base
Shaw Air Force Base
Tyndal Air Force Base
United States Coast Guard (Multiple)
US Army – Fort Moore
US Army – Fort Liberty
US Army – Fort Campbell
US Army – Fort Jackson
US Army – Fort Knox
US Army – Fort Stewart
US Marine Corps Reserves – Cincinnati
US Marine Corps – Parris Island
US Marine Corps Reserves – Charleston
US Navy SPAWAR Systems Center
Wright Patterson Air Force Base

➔ WHO WE ARE

We keep things simple. We tell the truth, we keep our word, we do the right thing – because it is simpler that way. People like us, trust us and work with us because we are free from guile. We work hard, we have fun, we go home to our families. We keep things simple.

➔ WHAT WE DO

We make space and materials simple. If it's in your organization and you can touch it, we help you store it, track it and retrieve it using less space and time than you ever thought possible.

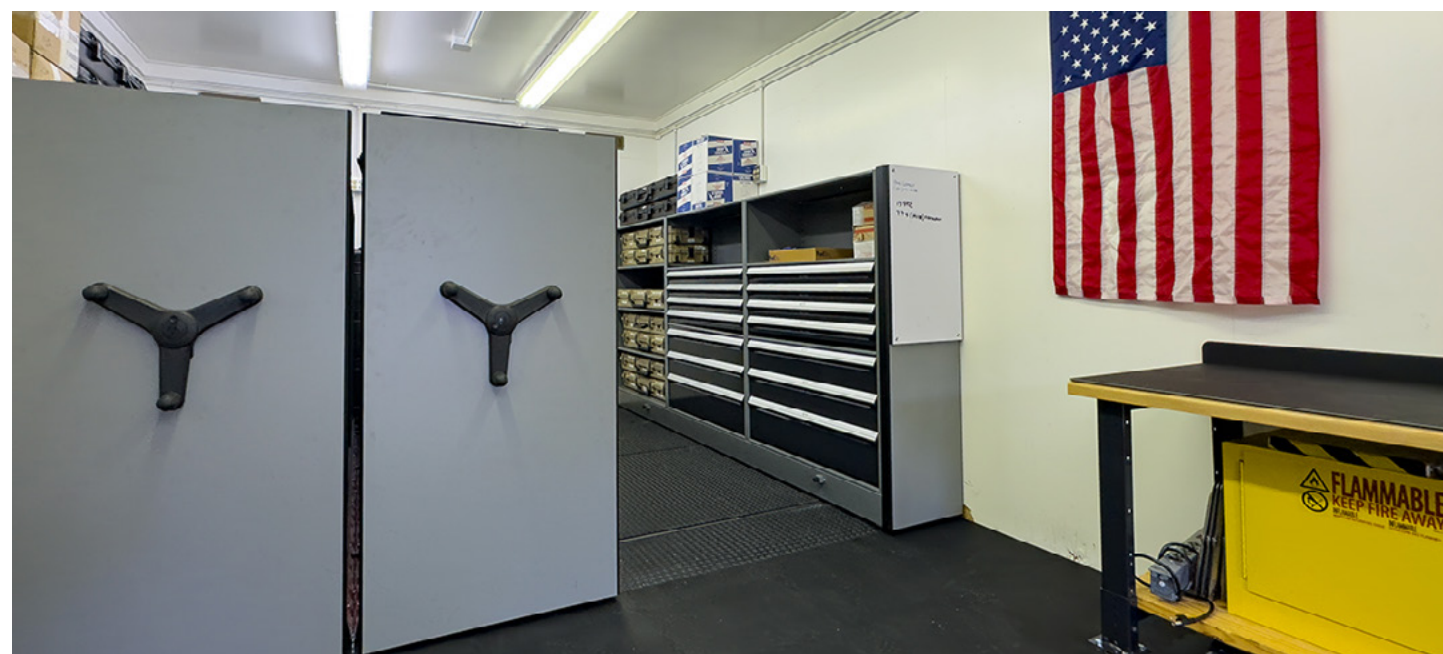
Bottom Line: We solve **STUFF** problems

➔ HOW WE SUPPORT YOUR MISSION

- + FLIPLs – improved asset accountability
- + Security of sensitive items
- + Space limitations and accommodating consolidations
- + Organization of equipment
 - + Quick accessibility
 - + Easier to conduct inventories
 - + Protection of items being stored
- + Meeting “green initiatives”

➔ FINANCIAL LIABILITY OF PROPERTY LOSS (FLIPLs)

- + What % of your FLIPLs are:
 - + Lost gear of soldiers?
 - + Supplies/Equipment unaccounted for?
- + If we could reduce those FLIPLs by 90%, what dollar figure would you attach to that?
- + What would you do with the time gained by not investigating FLIPLs?



02 TYPES OF STORAGE

In an environment where precision is essential to operational success, you can't afford confusion over where items are stored. The mission may depend on quick access to the right gear, securing equipment in transit and making sure every item is accounted for, tracked and kept in top shape.

There are different types of storage for every need. Here are the various storage types available to you.

➔ WEAPONS & GEAR STORAGE

➔ LOCKERS

➔ HIGH-DENSITY STORAGE

➔ SHELVING & CABINETS

➔ CAGES & CONTAINERS

➔ LIFTS & CAROUSELS

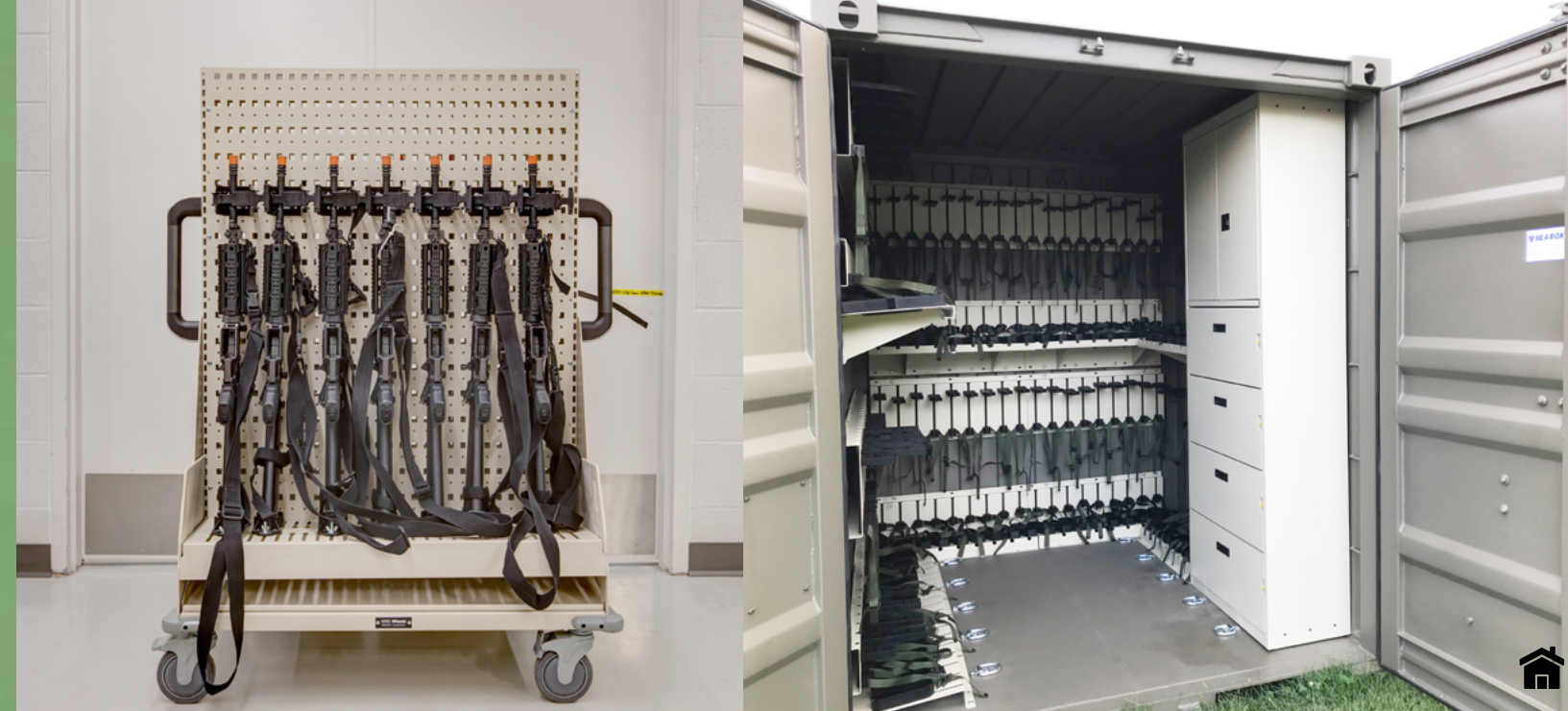
➔ FURNITURE & WALLS

➔ DEPLOYABLE STORAGE SOLUTIONS

➔ WEAPONS & GEAR STORAGE

From Garrison to Deployment

- + Garrison Weapon Racks
- + Transportable Weapon Racks
- + Transport Weapon Carts
- + Universal Expeditionary Weapons Storage Systems





UNIVERSAL WEAPONS RACK

Universal Weapons Racks (UWR) were designed alongside defense personnel to support operational readiness and solve the unique challenges of the defense environment. Not only can the cabinets accommodate almost any combination of weapons, but optics can remain zeroed during storage and transport to provide a significant boost in combat readiness.

What you need to know:

- + Adjustable racks accommodate almost any size and length of military weapon within one system.
- + Optics and accessories can remain zeroed and assembled.
- + All components passed accidental shock & load tests to keep weapons secure.
- + Cabinets can be tilted 90 degrees in any direction without weapon becoming dislodged.
- + Perforated steel doors and sides make inventory and accountability checks more efficient.
- + Retractable doors save space and allow easier access to contents.
- + Cabinets can be stacked or ganged together without chains or welding.



Bonus fact:

All Universal Weapons Racks can be mounted onto a mobile storage system to save space in storage areas.

[LEARN MORE](#)

[Click here to learn more about our Universal Weapons Rack](#)



UWR

- + Designed/engineered with direction from Marine Corps, Army and Air Force
- + By soldiers – for soldiers
- + Adaptable to different functions
- + NSN's assigned to racks, kitted cabinets and components
- + Ease of order
- + Over 185,000 units in field to date
- + The originator – not the imitator
- + Reconfigurable/adaptable as your needs and equipment change



TRUE TRANSPORTABILITY

The Universal Weapon Rack (UWR) combines thoughtful design and unmatched features to create a system that's thoroughly dependable and instantly deployable under any circumstance.

What you need to know:

- + The only truly deployable universal weapons rack
- + 3 consecutive tours of duty (Iraq, Afghanistan)
- + Transportable, durable, dependable
- + Extensively field-tested.



UNIVERSAL EXPEDITIONARY WEAPONS STORAGE SYSTEMS

Universal Expeditionary Weapons Storage Systems (UEWSS) consolidates weapons in standard-size TriCON containers during deployment, ensuring that all branches of the military can transport weapons securely while also saving time and conserving space.

What you need to know:

- + Improves accountability and accessibility for customs inspections
- + Creates mobile arms room
- + Operational readiness – no need to re-zero weapons
- + Securely stores any combination of firearms and accessories



➔ LOCKERS

Your time is precious, and when you need to move quickly, the last thing you need is to be held up by gear that's disorganized or hard to find. Customizable gear lockers and duty bag lockers are an ideal way to create secure storage spaces for military equipment. Choose from a variety of materials, styles and sizes to suit your needs and your space.

[VIEW ALL](#)

[Click here to view all of our Locker solutions](#)



Mesh Doors



Multi-Tier

LOCKERS ELIMINATE FLIPLs

- + Many states are providing a locker for every soldier
- + Eliminates FLIPLs
- + Soldiers have adequate space within lockers to store all their gear, keeping it secure and READY at all times
- + Lockers can be relocated if needed
- + Lockers can change as gear & equipment changes
- + Charge and secure electronic assets in lockers



NATIONAL
GUARD





SMART LOCKERS

Smart Lockers can be designed in all different sizes, tiers, materials and configurations. While lockers can be built into a wall, they can also be part of a storage wall partition to help break-up space while keeping the feeling of an open space.

What you need to know:

- Smart Lockers can be used for:
- + Assigned Day-Use Lockers
 - + Unassigned Day-Use Lockers
 - + Parcel / Package Delivery Lockers

[LEARN MORE](#)

Click here to learn more about our Smart Locker solutions



CONTROLOC

What you need to know:

A secured locker that can track user access

No need to man the room/supplies

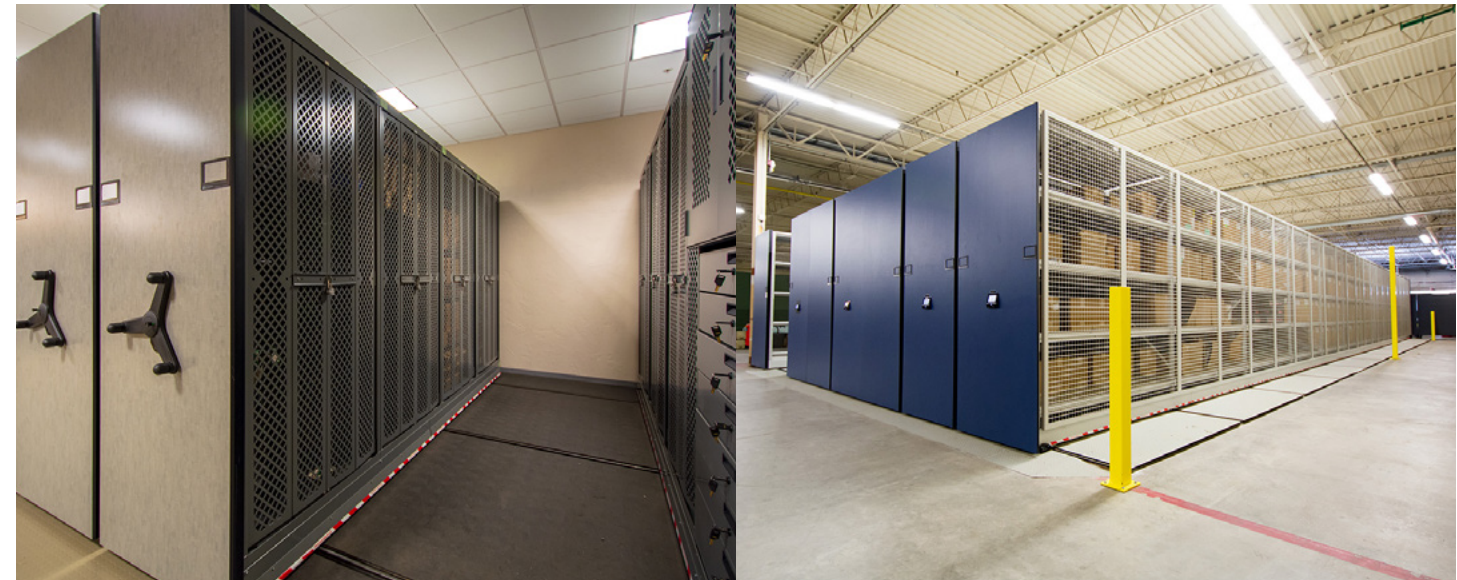
Great for storing:

- + Pharmaceuticals
- + Optics
- + Anything sensitive that needs to be tracked





POWERED AND MECHANICAL ASSIST



➔ HIGH DENSITY MOBILE SHELVING

One way to combat wasted space is with a high-density shelving storage system. These mobile storage systems eliminate unnecessary aisles and create one or more movable aisles instead. Fewer fixed aisles mean more available space. In most instances, this will save up to 50% of your floor space – floor space that you can use for more productive purposes or additional storage space.

What you need to know:

- + Reduces overall storage footprint by 50%
- + Accommodates all types of shelving and cabinets
- + Oversized mobile is available for large items
- + Soft stop, soft start function to protect the collection
- + Applications: Uniforms, Gear, Parachutes, Weapons, Documents, Equipment and more



[VIEW ALL](#)

Click here to view all of our High-Density Mobile solutions



MOBILE SYSTEMS WITH CONTROLLED ACCESS

Secure stored items and track access.

What you need to know:

- + Ability to limit access to specific aisles
- + Multiple companies can share one system
 - + Aisles 1 & 2 = Company A
 - + Aisles 3 & 4 = Company B, etc.
- + Track access to high value assets
- + NVGs
- + Optics



LCD Touchscreen



Powered Control

[LEARN MORE](#)

[Click here to learn more about our Powered Mobile Storage solutions](#)



ACTIVRAC

ActivRAC high-density mobile storage systems allow total compaction of storage without sacrificing accessibility.

Store twice as much in same footprint.

[VIEW ALL](#)

[Click here to view all of our ActivRAC Mobile Racking solutions](#)



➔ SHELVING & CABINETS

These shelving systems aren't just shelving. They're entire systems that are customized to boost efficiency, improve security and accountability, and save space. Choose optional doors, drawers, dividers and other accessories to enhance security and ensure that everything has its place.

What you need to know:

- + Engineered for durability with high-quality materials
- + Completely customizable accessories including doors, drawers and more
- + Attractive shelving with your choice of colors and finishes
- + Easy to assemble and reconfigure

LEARN MORE

Click here to learn more about our Shelving solutions

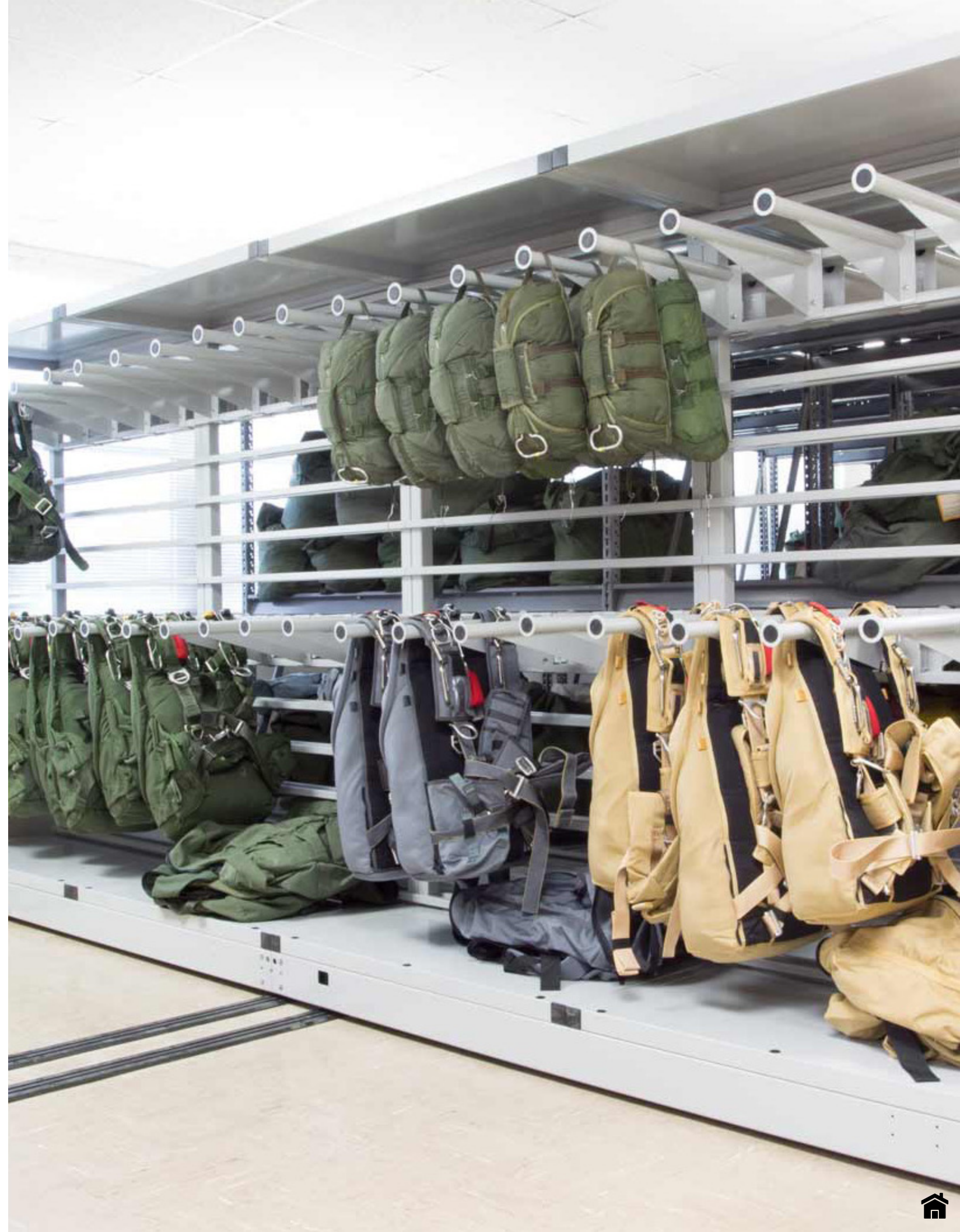


STORAGE AT THE READY

- + Gear
- + Supplies
- + Parachutes
- + Files
- + Uniforms
- + Small Parts



PARACHUTE STORAGE & PACKING





CONTAINERS & CAGES

When it comes to protecting equipment, inventory and sensitive information, as well as protecting workers from injury, wire partitions and security cages get the job done. Wire cages and partitions are free-standing enclosures that are created with modular wire panels and enhance areas where worker safety and material security are critical.

Containers provide sturdy storage for parachutes, backpacks and other military gear storage. The parachute container provides ventilation, protection from ground moisture and enough space to accommodate packed chutes for a plane full of jumpers.

PARACHUTE CONTAINER

- + Parachute capacity corresponds to number of jump seats
- + Eliminates risk of snagging parachutes on wire baskets

[LEARN MORE](#)

Click here to learn more about our Parachute Container solutions



UNIVERSAL STORAGE CONTAINER



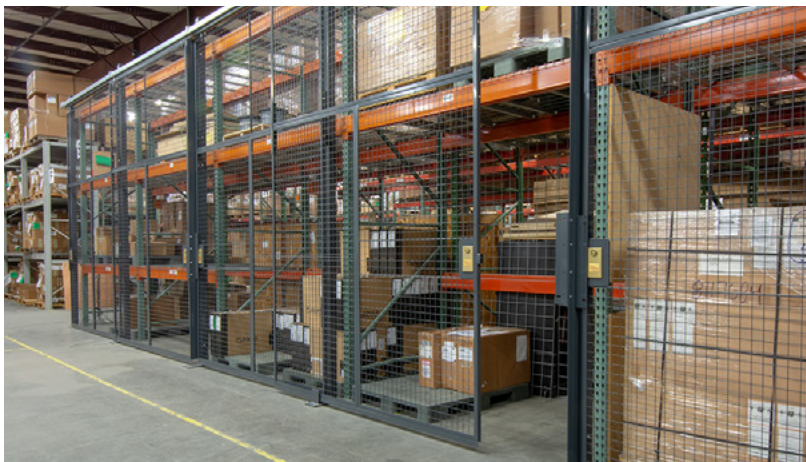
Durable, user-friendly container can be used to store a variety of gear:

- + Chem Bio Protective Gear & Gas Masks
- + HAZMAT Suits
- + Decon Accessories
- + Fire Hoses & Extinguishers
- + Parachutes





CAGES



[LEARN MORE](#)

Click here to learn more about our Cage and Enclosure solutions



➔ LIFTS & CAROUSELS

Taking Storage to New Heights

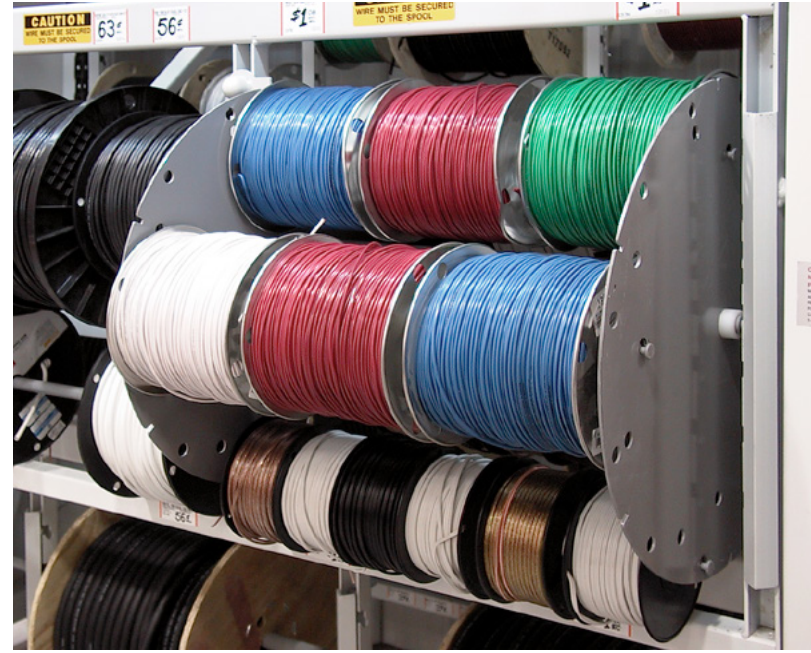
No more stretching, climbing or bending to reach items that are neatly tucked away. These lifts and carousels can do that for you. These systems handle just about any type of storage item including:

- + Tools
- + Small Parts
- + Gear / Supplies
- + Records
- + Parachutes
- + Pharmaceuticals

[VIEW ALL](#)

Click here to view all of our Vertical Storage solutions





PARACHUTE LIFTS



Increases operational efficiency in parachute:

- + Inspection
- + Shake Out
- + Dry Out
- + Pre-Pack

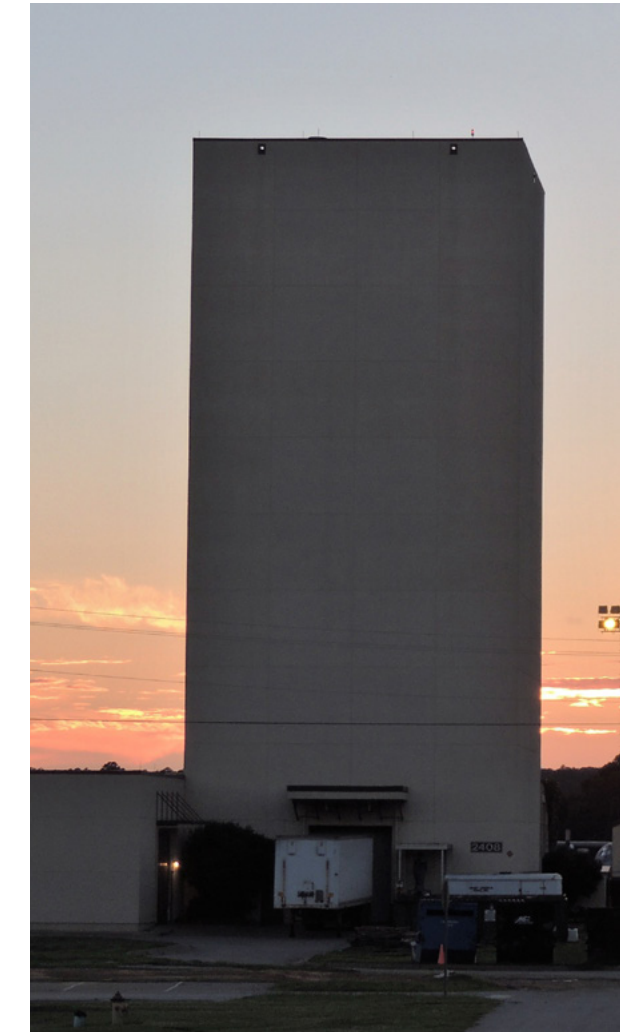
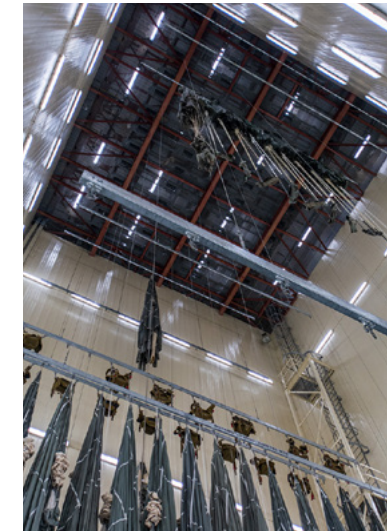
Prevents personnel injury

Reduces damage to parachutes

Maintains clean and safe working environment



- + Tires
- + Spools
- + Sheet Metal
- + Bar Stock





MODULAR CASEWORK



FURNITURE & WALLS

Changing storage environments for changing needs.

- + Break Areas
- + Laboratories
- + Offices / Work Areas
- + Shipping and Receiving
- + Storage Rooms

[VIEW ALL](#)

Click here to view all of our Modular Casework solutions





WORK STATIONS



FURNITURE & SEATING





MODULAR WALLS

Using customizable designs and configurations, modular walls can help you render highly useful spaces throughout your floor plan. Now it is simple to use office dividers and glass walls to create streamlined workstations, training rooms, conference rooms, and more.

[LEARN MORE](#)

[Click here to learn more about our Modular Walls solutions](#)



➔ DEPLOYABLE STORAGE SOLUTIONS

The Mobility Crate is a custom transportable storage rack that provides secure and ready access to utility terrain vehicles (UTV). It's a mission-ready storage system that greatly reduces storage area needs. The unit is collapsible, dual entry, stackable and galvanized for long-term exterior or interior use.

Store it how you ship it. The Rapid Readiness Box is a durable, efficient and secure deployable storage solution that's an alternative to wooden shipping crates. Originally designed to store and transport expeditionary shelters, Rapid Readiness Box can also be used for tools, communications gear and other military supply. Rapid Readiness Box is compatible with current DoD directives, allowing you to increase readiness, reduce footprint and prevent property loss.

MOBILITY CRATE – UTV

What you need to know:

- + Stores both 4-person and 2-person units in one standard system
- + Provides security-controlled access
- + Reduces warehouse space needs
- + Improves transportability and control of mission-ready assets
- + Stackable up to 3 high with accessibility for functional tests during storage
- + Structural steel frame supports heavy loads and resists mishandling
- + Field tested and approved
- + Knockdown construction for ease of shipping and storage when not in use
- + Locking ramp and gate at each end
- + 4 Way Forklift access
- + Tie down hook at each end for ratchet straps to hold down vehicle

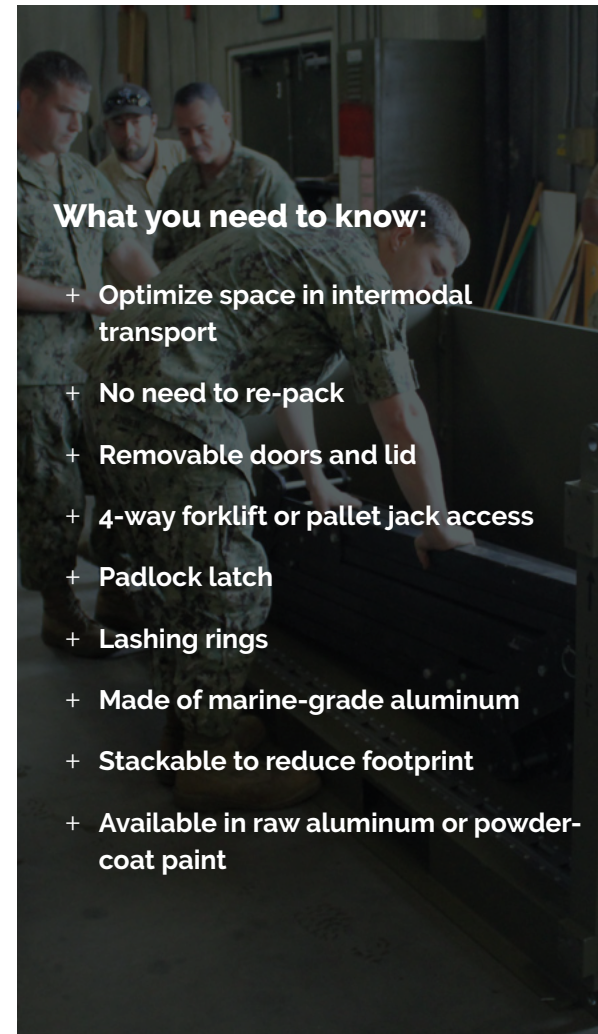
[LEARN MORE](#)

Click here to learn more about our Mobility Crate solutions





RAPID READINESS BOX



What you need to know:

- + Optimize space in intermodal transport
- + No need to re-pack
- + Removable doors and lid
- + 4-way forklift or pallet jack access
- + Padlock latch
- + Lashing rings
- + Made of marine-grade aluminum
- + Stackable to reduce footprint
- + Available in raw aluminum or powder-coat paint



03 PROCUREMENT VEHICLES

DLA/TLS Contract

Spacesaver was pre-approved last year for our total kitted solutions.

- + Easiest form of contracting
- + Accepts MIPR or MILSTRIP
- + You register with DLA for customer ID.
- + You send up your requirement with the Spacesaver Quote/Project Number.
- + DLA sends Bid out to all Prime Vendors.
- + Prime Vendors get quotes for the EXACT MATCH of what you are requesting.
- + Lowest Prime Vendor receives award.
- + Total process, start to finish, is less than 2 weeks.

Other MRO contracts

State Contracts

GSA

- + RFP vs. RFQ – Allows you, the customer, to take advantage of industry's expertise. All bidders conduct their own site surveys and provide own solutions. The customer makes a "best value" evaluation vs. "low priced technically acceptable."

Local 8(a) or Alaskan Native 8(a)

DLA/NSN for UWR's

Other contracts available – just ask!

EXAMPLES OF CONTRACTING OPTIONS FOR DEFENSE

CONTRACTING VEHICLE: BENEFITS:

DLA Contracts (TLS/SOE)

- Simplified acquisition.
- No forms to complete.
- Simply register as a customer and DLA competes your requirement. Accepts Milstrips/MIPRs.
- Contracting time frame from the submittal to the award averages 14-30 days.
- Customers are ensured to get an EXACT MATCH to what the contractor has quoted them.
- No substitutions unless the end user agrees to it.

Alaskan Native 8(a)

- Congress approved program that allows for sole source awards without additional competition.
- Pricing can be validate by using GSA Schedule Pricing (where available).
- Provides a streamlined acquisition process that allows for Brand Name Purchasing.

Other Small Business Set-Asides: (Women Owned, SSDVOB, etc.)

- Allows contracting to limit the competition to 2-3 qualified bidders and meet set-aside goals.

GSA

- Pre-negotiated pricing.
- Based on threshold and card holder, purchases up to \$25k can be made.

Open Market

- Purchases for product up to \$10K can be made on a Credit Card.
- Purchases for services up to \$2,500 can be made on a Credit Card.
- Easy acquisition w/ unit funds.



04 PLANNING AND DESIGN

Here's where you get to the hands-on part of the course. What? You're not ready to plan and design your own storage? Don't worry, that's what the upperclassmen are for! Or, in this case, the military storage solution experts.

When you work with a partner such as Patterson Pope, the planning and design stage begins with a space survey and assessment. There are no cookie-cutter problems in the world of storage and no one-size-fits-all solutions. Here are just some of the things to consider:

- + Access points in the room
- + ADA considerations
- + Item weight
- + Need for security
- + Code compliance concerns
- + Floor load
- + Structural engineering factors
- + Fire code implications
- + Sprinkler heads, fire alarm, HVAC placement

"We're not just trying to pack a lot of stuff in a small space. We're trying to create a workflow, a really efficient work environment, and a safer workplace."

— Mike Hisman

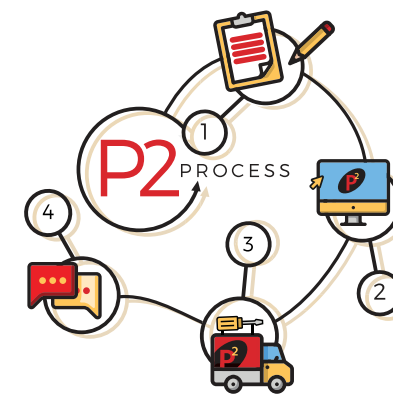


Whether working directly with the client or the client's architect, designer, engineer or contractor, Patterson Pope's certified planners co-design a customized storage solution. Based on measurements of the available space and inventory of your current storage solutions, our dedicated planners will draw up specs to meet your needs.

We want to make sure the final solution is the best solution for you. So, we have revision stages. Our storage specialist brings the designs back to your decision makers to ask for your input before anything is settled and agreed upon.

LEARN MORE

[Click here to learn more about the P2 Process](#)



Green Initiatives

Assist in meeting Executive Order 13514

Reduce expansion needs

Repurpose existing space

Recycle

+ UWRs comprised of 80-90% recycled steel

GreenGuard Certified

Energy saving

+ Aisle entry lighting

+ ActivRAC: 1/4hp DC motor draws less than 2.5a per 8 tons storage capacity



05 INSTALLATION

Just as the goal of this guide has been to keep you from having to do the hard work, our certified installers help you avoid the heavy lifting. It's not just that you don't have to put heavy storage cabinets or high-density carriages together yourself. We collaborate with your engineers, general contractors and sub-contractors to take the scheduling responsibility off your shoulders.

We work out a timeline for product delivery and installation that works with your team's schedule. Then, when it comes time to install, Patterson Pope brings in pros to do the job right. Our technicians and installation crews are full-time, experienced storage installers, certified with our manufacturers, experienced in applications and have collectively over 100 years of experience in our field.

With smart storage solutions, Patterson Pope also has technologists on staff who can troubleshoot the software. Even when it comes to powered lifts and mobile shelving, it is critical that we have people on our team that know and support this technology.

Our teams are flexible and work to meet scheduling requests of clients, architects and designers. After hours or on a specified date? We'll work hard to make that commitment work. We do what it takes to make sure the project is done right and on time.



OUR PROMISE **We install it right. Or we make it right.**



Patterson Pope partners with the best storage system manufacturers. That means you get top quality product and top-of-the-line warranties too.

[LEARN MORE](#)

Click here to learn more about our Business Partners

06 ONGOING RELATIONSHIP

Patterson Pope is like that Professor you can go back to for advice or a recommendation. We like to continue our relationships with our clients.

Our long-term partnership starts with our technical crews offering on-site product training. This will ensure your people know how to use the storage systems we put in place. We'll also go over the product warranties, service agreements and maintenance contracts.

You may not get to fill out a course evaluation on your Patterson Pope engagement, but we'll still be checking back with you to make sure you're happy. Our company reputation is on the line. We've been doing this for 50 years. We stand by the quality of the products we sell and the care you get working with us.



07

NEXT STEPS

Make the most of the space you have. Patterson Pope's storage experts can help you select defense storage solutions that maximize your environment and meet the criteria set by budget, logistics or spatial challenges. We can help you create safe, secure, organized, accessible, deployable and auditable storage systems. **That's what we do.** You're not just getting a storage solution. You're getting the design, project management, installation and a long-term relationship with a company you can count on.



Patterson Pope takes the complicated and makes it simple. Your records, your stuff, your space — all simplified. If it's in your organization and you can touch it, we help you store it, track it and retrieve it using less space and time than you ever thought possible.

Over its decades in the storage business, Patterson Pope has earned an excellent reputation as a committed partner with clients, architects and general contractors by providing expertise — from consultation to implementation — that delivers bottom-line results.



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SPACE MADE SIMPLE.

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