



**SUPERIOR PRODUCTS FOR
SUPERIOR PERFORMANCE.**

The prevailing force in the field.

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HDT/Leading by Example

For decades, HDT has been providing state-of-the-art shelters, ECUs and power generation systems to military and civilian forces. Our Airborne division also provides the ideal means for delivering these systems to the field, while our trained experts and engineers are committed to making sure every component works wherever it's deployed. That insistence on always pushing toward more flexible, efficient, portable and sustainable systems has led to clear advantages for both HDT and those who choose us, including:

- **Industry-leading technology**
- **Flexible configurations and accessories**
- **A single source for complete systems**
- **Unparalleled service and support**



Products/OVERVIEW

Our products vary, but our standards never do.

HDT's wide-reaching umbrella covers the most recognizable names in the industry. From HDT Base-X[®] and HDT AirBeam[®] to HDT Nordic and more, we make the products that make mission success possible around the globe. And because we manufacture such a diverse range of components, we understand how best to integrate them. From concept and design through testing and production, our engineers work together to make sure our products do as well.

As a result, when you step into the field with HDT equipment by your side, you can do so with the confidence that it will perform at the highest possible standards so that you can do the same.

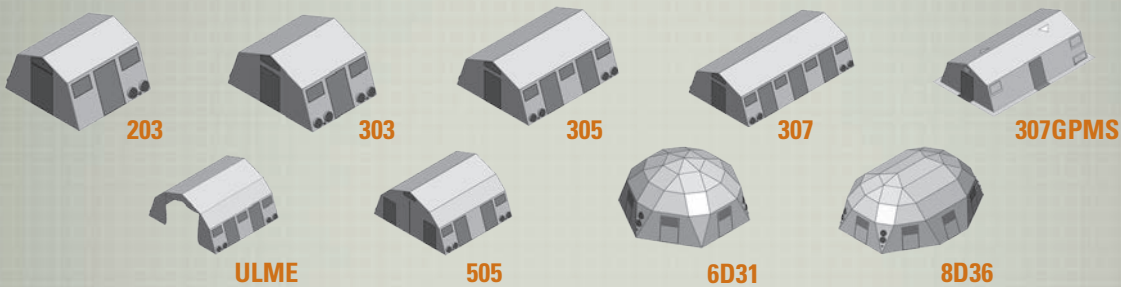


Two families of shelters with one common theme: Quality.

With an advanced line of expeditionary shelter systems comprised of two unique technologies, HDT offers multiple ways for you to approach each mission.

Base-X®

Created around a folding-frame system universally recognized as the world's most advanced, these soft-wall shelter systems offer an unparalleled combination of strength, set-up speed and portability. Base-X shelters can be used individually in countless applications, and advanced planning by our engineers allows easy complexing with additional Base-X or other shelters for large-scale use as well.



AirBeam®

Simply put, HDT's AirBeam system uses proprietary technology to create the strongest inflatable shelters on the market today. These AirBeams can be formed in a multitude of different shapes, allowing for unique applications in military, aerospace and commercial endeavors.



Protecting the assets inside from the environment outside.

In addition to the shelters themselves, HDT is a global leader in the manufacturing of Heaters and ECUs engineered from the ground up to provide clean, comfortable environments in which to work and live. No matter how harsh the conditions, we provide the means to tame them. And when CBRN threats are part of the mission as well, HDT’s 30 years of experience and status as the leading supplier of filtration systems to the US Military will reassure you that your safety is in superior hands.

Heating

Around the world, forces working in cold-weather environments trust HDT to provide the heat they need to survive and thrive. Available for vehicles, small shelters and large complexes, HDT heating systems come in non-powered, self-powered and powered variations. In addition, systems are designed to work with fuels ranging from all grades of diesel to solid fuels like coal or wood.

Powered Heaters		Non-Powered Heaters	Self-Powered Heaters	Cargo Heaters
-MTH150	-MTH150CP	-Space Heater Arctic (SHA)	-Large-Capacity Field Heater (LCFH)	-UH48E Space Heater
-UH680DH	-MV60CG	-Space Heater Small (SHS)	-Space Heater Convective 35 (SHC35)	-UH68G1 Space Heater
-MV125	-CV125CG	-H45 Space Heater	-NATO Charging System	-Cargo Bay Heater Kit (CBHK)
		-SHC60		

Cooling

High ambient temperatures can be dangerous to individuals and damaging to equipment. That’s why so many trust HDT’s industry-leading ECUs to keep them cool even in the harshest environments. Rough, rugged and reliable, HDT systems are designed to perform anywhere, cooling shelters, vehicles and aircraft as aviation ground support equipment effectively regardless of dust, rain, sand or other conditions.

Industrial Air Conditioners	Portable Air Conditioners	HDT Nordic	Filter Units	Environmental Control Units
-Cabinet Cooler	-Carolina Cooler	-120K	-18K/9K	-F100-60K (5 Ton)
-HDR Series	-Flightline Air Conditioner	-96K	-10-Ton Turf Cart	-5-Ton (380-400V/50Hz)
-SKR Series	-Thor™ 600	-60K	-12-Ton Turf Cart	-8-Ton Turf Cart
-SD Series		-48K	-9K	-Dual 8-Ton ECU Trailer
		-36K	-ITEG Units	-6-Ton Basic
				-4-Ton (30Hz)

CBRN Protection

Protection is paramount to the success of any mission where CBRN exposure is possible. That’s why HDT’s CBRN filter sets, integrated canisters and positive-pressure collective protection systems share the same assemblies, each of which combine HEPA filtration for removal of aerosol and microbiological agents with a military-grade carbon filter that removes 99.99% of CBRN agents in gaseous or vapor form. And HDT’s CBRN products are engineered to work in harmony with our shelter, heat and cooling systems to provide an integrated solution to our clients’ needs.

Individual Protection	Mobile Protection	Transportable Protection	Shipboard Protection
-M8A3 Filter System	-M93 GPFU	-Protective Entrances	-CBR Filter Housing, U.S. Navy
-M13A1 Filter System	-H100-224-30 GPFU	-M14 Protective Entrance	-Zone Pressure Alarm
-Hood Mask Ventilation Blower	-H200-24 GPFU	-M20 Protective Entrance	-Pressure Control Valve
-Filters	-FFA400-426	-Air Purification	-Pressure Indicator
-M12A2 Gas Filter	-Filters	-FFA400-326	-Pressure Indicator Transmitter
-M13 Particulate Filter	-M48A1 Particulate/Gas Filter	-FFA400-426	-OpenAire™ Flow Regulator
-M18A1 Gas Filter	-M98 Particulate/Gas Filter	-FFA580-100	-Filter Service Toolkit
-M19 Particulate Filter		-Filters	-Filters
		-M48A1 Particulate/Gas Filter	-M98 Particulate/Gas Filter
		-M98 Particulate/Gas Filter	-Bag Prefilter
			-CBRN/CO Pro Filtration

Products/POWER GENERATION

Providing, distributing and conserving the power you need.

In the field, electricity isn't just energy—it's power. The power to run a radar array, maintain command operations or perform surgery on a patient in need. Without it, both the mission and the members of the organization tasked with its completion are put in jeopardy.

With a full line of generators, power distribution products and other mobile power solutions, HDT assures its partners that their need for power will be met time and time again. Our signature product, the GET (Generator ECU Trailer) is currently in use by every branch of the US Military. Large-scale generators now provide electricity to powerful ECUs on the flight line to heat and cool aircraft. And with both mobility and sustainability at the forefront of modern mission requirements, HDT continues to innovate. We've expanded our use of solar arrays, engineered the means to harness the wind and have made hydroelectric power a viable option as well.

The Expeditionary Solar Power System (ESS) is among the new products we've developed to meet the ever-changing needs of those in the field, as are the HDT Radiant Barrier and Solar Fly. When used together with other HDT technology, these products can offer energy savings averaging 30% compared with more traditional systems. That means lower fuel requirements, longer operating timelines and fewer fuel convoys that can put individuals at risk.

Generator ECU Trailers (GET)

- 25kW GET
- 35kW GET
- Dual 35kW GET

Generator Trailer GT

- 45k Trailer
- 60k Trailer

Power Distribution Unit (PDU)

- 120-Amp PDU
- 200-Amp PDU
- 400-Amp PDU

Generator Sets

- 10kW GenSet
- 25kW Skid GenSet
- 35kW Skid GenSet
- 45kW Skid GenSet
- 60kW Skid GenSet

Power Distribution

- Utility Distribution Box (UDB)
- Deluxe Model UDB
- Premium Model UDB-A
- Premium Model UDB-B

Cargo Trailers

- 160-in Trailer
- 172-in Trailer
- Cargo ECU Trailer
- 30kW Portable Load Bank



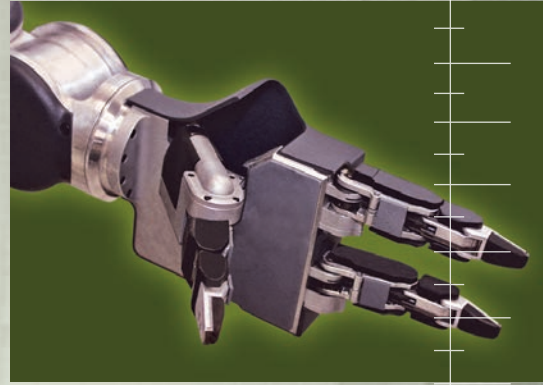
Futuristic robotics technology created for the needs of today.

What started as a quest to create a prosthetic arm to replace those lost to the rigors of war has now become a way to prevent those injuries in the first place, and its name is the MK-1.

Pioneered by HDT's elite team of robotics engineers, the MK-1 is lightweight, comprised of modular joints & end effectors that can be configured for a wide range of mission needs and boasts an impressive strength-to-weight ratio far exceeding its peers. But the real difference between the MK-1 and other robotic arms is its incredible dexterity.

Because it was designed as a "hand" rather than a claw, the MK-1 can use many hand tools made for a human hand, including shovels, drills, hammers and more. In addition, its "palm" adds strength and stability, also allowing objects to be lifted from below rather than simply grasped from above. And its force-feedback system means that operators can virtually feel what they're grasping, making it possible to lift a fragile egg safely, or hoist 155 mm projectile with ease.

This unparalleled utility makes it possible for the MK-1 to do what other robotics in the field can't, from disarming explosives to searching potentially hazardous containers, while its operators remain safely out of harm's way. And that's the most important mission of all.



Systems/SINGLE-MANUFACTURER SIMPLICITY

We make it all. We back it all.

Expeditionary systems are comprised of many parts. When one is damaged, wears out or simply needs to be purchased that can mean tracking down an item from a laundry list of suppliers. It's an inefficient use of your time, and an ineffective way to operate a mission. Luckily, HDT is different.

With class-leading technology spanning a wide range of product categories, HDT has a peerless ability to supply everything your expeditionary endeavors need.

From the shelters and the means to power them to the systems that condition and protect the air within, HDT is a single point of contact that can simplify your process.

Additionally, HDT allows you to be certain that every component making up your expeditionary system falls within the same rigorous parameters that have made us the standard-bearer the world over.



When mission needs change, adaptation is key.

For those who work in field, the world is ever changing. New objectives, destinations and conditions arrive seemingly on a day-to-day basis, and when they do it's critical to have equipment capable of adjusting to meet them.

For this reason, HDT Expeditionary Systems are created to be uniquely modular. Doorways, electrical wiring, HVAC plenums and other connections are standardized to allow for fast, flexible adjoining of shelters via end doors, side doors or open end-walls to create a larger space. Hallways, vehicle bays, private offices, vestibules and other add-on facilities are available to suit any desired site configuration.

And since HDT understands that not all of your shelters or systems may have been purchased from us, we engineer our shelters, heating/ECU systems and power generation equipment to work with our competitors' products as well. This allows you to remain mission ready until you have the opportunity to upgrade to HDT's latest technology.



Command and control meets comfort and convenience.

From our spacious, state-of-the-art shelters themselves to a wide range of accessories that make operating within them efficient in any environment, HDT strives to equip those in charge with the means to complete any mission.

For Operations Centers and Bases, this means not only providing a place from which to oversee operations, but assuring the power supply, environmental controls and additional systems necessary to support those relying on the information a COC or FOB provides. HDT features ideal for these applications include:



- **Command and Control Communications Equipment**

- Visual Display System (VDS)
- Complete audio package with weatherproof speakers
- Digital Control Unit (DCU) uses A/V Matrix switch to connect up to 32 video sources to up to 16 displays
- Tactical furniture and cable management solutions

- **Operations Center support for every echelon, from the lowest tactical units to the combatant command level**



When seconds count, HDT comes through.

Performing medical treatments in the field is a critical aspect of many expeditionary operations, whether in wartime or in response to a natural disaster. And with lives hanging in the balance, the last thing any medical staff should be thinking about is the performance of the shelter system in which they're asked to operate.

HDT's long history of field-proven performance makes us the ideal choice for deployable medical facilities ranging from Triage Centers and Points of Distribution to Fleet Hospitals and Alternate Care Sites. We've spent decades perfecting systems that ensure the reliable power, clean operating environment and multiple configurations required to treat whatever injuries or illnesses may occur. Application-specific benefits for medical facilities include:

- **Rapid deployment of medical facilities with complete infrastructure.**
- **Ability to customize equipment to suit medical surge, incident deployment, isolation and other tasks.**
- **Drive-Thru Clinic option for providing services or conducting checkpoints during large-scale events.**
- **Mobile Hospital configurations customizable from 25 to 100 beds or more.**



Vehicle maintenance made easier, compliments of HDT.

Keeping vehicles up and running is crucial to the success of any mission. They're the way in and out of the field, serve to protect troops from IEDs and other threats, and allow day-to-day operations to be completed efficiently. Knowing this, HDT has created shelters that cater to the needs of these mechanical assets in a way that supports the individuals responsible for their care as well.

Stand-alone vehicle shelters are available for the maintenance of vehicles in a wide range of sizes, and can be booted together to create even larger service bays capable of holding multiple vehicles at once. Standard connections are available for many vehicles that allow the vehicle to be heated while maintenance is performed in arctic environments. And where standard connections are not available, HDT can engineer custom solutions to suit specific applications. Available in various sizes to suit a variety of aircraft/vehicles.



Advanced technology against airborne threats.

As chemical, biological, radiological and nuclear (CBRN) threats continue to play an increasing role in conflicts around the world, possessing the proper means to counteract them is increasingly critical as well. HDT is leading the way to the future with ColPro systems that far exceed anything commercially available today. Combining a standard HEPA filter with specially designed ASZM-TEDA impregnated active carbon filters that protect against both weaponized agents and Toxic Industrial Chemicals (TICs) that can be unintentionally released during accidents or natural disasters. ColPro features include:

- **Ability to create small, Toxic-Free Areas rapidly for mobile use in vehicles capable of maintaining positive pressure, small field laboratories or other applications.**
- **Pass-through ports with airlocks to maintain a sterile environment.**
- **A proven FFA filtration system that's fully functional at 190 lbs. and half the shipping cube of existing units.**



When exposure occurs, experience counts.

With decades of experience operating in the heat of battle and the throes of disasters across the globe, HDT can be trusted to perform when things are at their worst. When the need for decontamination occurs, HDT's individual and mass-decontamination shelters can be readied in minutes and configured to cleanse ambulatory and non-ambulatory patients using modular, scalable shower lanes. Additional features enabling effective decontamination include:

- **Completely integrated liner system, including a containment berm, plumbing and lane dividers.**
- **Additional perimeter berm anchors shelter on hard surfaces.**
- **Aircraft-grade aluminum frame is strong, stable and allows the fastest response to containment incidents.**



Protecting the health of those who take on the heat.

Firefighters are asked to perform activities that are rigorous both physically and mentally, and often in conditions that are less than ideal. With shelters that deploy in less than 10 minutes and can offer first responders an environmentally controlled place in which to recover, HDT makes a tough job just a bit easier. From cold climates like Chicago, Alaska and Manitoba to the scorching heat of Phoenix, Kuwait or Afghanistan, HDT shelter systems go where duty calls, and do so in a compact, contained package that makes transport simple. Additional components available to first responders include:

- HDT's advanced ECUs maintain comfortable conditions for first responders even in austere environments.
- Power generation systems assure the electricity required to operate machinery and conduct operations.

We manufacture products that help those who maintain stability.

By providing expeditionary infrastructures that are robust and reliable, HDT offers capability that enables stability operations in some of the most unstable regions of the world, including Chad, Djibouti and Ghana. Separate liners and integral flooring provide a clean room setup for base camps and field hospitals, while HDT's line of leading-edge ECUs offer a complete solution for heating and cooling shelters for any use. Additional features suited to stability operations include:

- Cost-effective solutions that still feature HDT's leading-edge engineering and innovation.
- Built with the fastest under canopy and operational capability times for rapid response.



Energy-efficient technology enables forces to use less and do more.

In our shelters, ECUs, power systems and more, HDT is committed to conserving power for the betterment of the planet and the mission. To that end, we've worked alongside those who use our products in the field to develop industry-leading solutions.

We've developed the world's only self-powered heaters, which incorporate a thermoelectric generator to power combustion and air handling. We've added high-efficiency lighting that provides illumination without taxing fuel supplies. And we've fielded expeditionary solar power systems that can power the electronics and lighting contained in the shelter.

The shelters themselves are also engineered for unmatched energy efficiency. Durable flooring offers a thermal layer underneath each occupant's feet, while dual-layer fabrics and the optional radiant barrier insulate the structure as well. For additional energy savings, the Solar Fly creates a shade above the shelter to further reduce the fuel required to maintain a comfortable temperature using our ECUs.

Balance of Systems (BOS) and micro-grid technologies also combine to manage the distribution of power within every aspect of the base camp, offering the ability to pull in additional power from solar or wind sources and interface with tactical vehicle 24V systems.

All of this lets military and civilian forces focus more of achieving the mission and less on acquiring the fuel needed to sustain it. Even better, that can mean fewer convoys traversing dangerous terrain.



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