



KDH

MIL/DoD CAPABILITIES





ARMOR EXPRESS



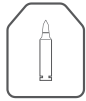
Armor Express and KDH Defense Systems (“KDH”), legally merged in December 2019, becoming one company – Armor Express, though the KDH brand lives on. We will continue to leverage the almost two decades of innovation and success KDH has established, serving the U.S. Armed Forces, Department of Defense and several agencies within the Federal Government.

Since its creation in 2003, the KDH brand has consistently delivered American-made, innovative and high-quality body armor solutions, ranging from the Interceptor Outer Tactical Vest (OTV) to each generation of the Improved Outer Tactical Vest (IOTV Gen I, II, III, and IV). More recently, with awards from the U.S. Armed Forces, we continue to serve with pride, “next generation” body armor systems, including the Soldier Protection System – Modular Scalable Vest (SPS-MSV), the Blast Pelvic Protector (SPS-BPP), the Ultra-Low Visibility Concealable Body Armor (ULV-CBA) System, and the Light Air Warrior System (LAWS). Further, through a seven-year contract with the U.S. Department of Homeland Security, we supply a host of carrier solutions, ballistic packages and hard armor plates that meet the mission-critical needs of this prestigious agency and the divisions within.

View our complete assortment of KDH protective solutions at www.armorexpress.com.

MSV GEN II

The MSV-GEN II is one of the latest protective systems released by the Army and only produced under the KDH brand. The MSV was developed by the Army over a multi-year development program. The MSV was chosen by soldiers and offers significant improvements over their current IOTV system. The MSV-GEN II offers enhanced protection and maneuverability at a significantly reduced weight.



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REAR VIEW

BPP

The Blast Pelvic Protector (BPP) is the latest addition to the soldier protective ensemble. The BPP design underwent a stringent multi-year development program. The BPP offers both 9mm and Fragmentation protection to the vital pelvic area.



ULV-ULTRA LOW VISIBILITY CARRIER

The Ultra-Low Visibility Concealed Body Armor Carrier designed by KDH for soldiers to accommodate soft and hard armor under the battle dress uniform shirt. The unique design features of the ULV enhance concealment and comfort. The Yoke Harness System replaces a traditional shoulder strap. The yoke system creates a seamless transition to the upper back panel. The shoulder strap is wider providing a more comfortable load distribution making the vest feel significantly lighter. The system offers easy adjustment, comfort and maximum concealment.



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SPC-SOLDIER PLATE CARRIER

The SPCS – Soldier Plate Carrier System is the U.S. Army Plate Carrier System currently issued to all combat troops in Afghanistan (over 60,000 units). Following lengthy review, field evaluations and analysis, the U.S. Army chose the KDH brand model Magnum TAC-1 system over all other competitor designs as a result of the following key factors: (1) weight and comfort, (2) ballistic performance, and (3) delivery schedule. The system balances the fine line between coverage and mobility.



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IOTV GEN IV

The Improved Outer Tactical Vest (IOTV) is the replacement to the older Interceptor Body Armor (IBA) fielded by the U.S. Army. This vest has seen several revisions over the years based on real-world combat feedback. It is compatible with the ESAPI (Enhanced Small Arms Protective Insert) and ESBI Side-SAPI plates, as well as the Interceptor body armor's groin protector. The IOTV has been the standard issued vest to all U.S. Army soldiers since 2006 and can be fully configured from a basic vest to a full-up system with groin protection, lower back protection, deltoid protection, and neck-throat protection.



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ATPC-SPEAR

The ATPC-SPEAR System is the culmination of 4 years of research and development with the U.S. Air Force – Special Operations Command (AFSOC). The ballistic shape used in the ATPC-SPEAR is based on the U.S. Special Operations SPEAR-shaped ballistic panels.



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BALCS
CUT



DHS CCG

The carrier is constructed of soft, thin and breathable fabric providing maximum comfort to the end user and eliminating bulges of traditional carriers. The carrier has an optional internal belly band allowing the operator greater adjustment and always ensures the proper positioning of his or her ballistic panels. The front and back of the carrier has a 6" wide loop attachment point along the bottom edge of the carrier to allow greater adjustment and comfort.



COMPLETE SOLUTIONS
FOR TODAY'S WARFIGHTERS



MSV GEN II with BPP

DHS SOGC

The SOGC is intended to be worn over the duty uniform providing a platform for soft armor and hard armor plates.



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DHS FOGC

The carrier is intended to be worn over a dress uniform shirt and blend perfectly. The material is light yet durable to hold the pleating of a super crease, providing a clean, professional appearance.



DHS TOGC

The (Quad Release) quick release system is functional on either side of the vest. The components of the release system are hidden to provide a clean look. The user can simply connect the four buckles for continued wear. The vest accepts accessory components including yoke, collar, throat protector, shaped deltoid protectors, lower back, and groin protector. The body side is a durable but light weight nylon pack cloth with a durable water repellent surface. The moisture-wicking pad and inside of the shoulder pad have a spacer mesh that has anti-microbial finish to reduce body odor and offer evaporating cooling in hot weather. The concealed, reinforced drag strap is located under the back cover yoke; it is easy to access and completely resistant to snag hazards. The same back yoke access will allow the operator to access the Quad release junction box that can be flipped to offer a left or right side quick release pull tab. In addition, the yoke is perfect for routing coms cables or hydration hoses. The front of the garment has a removable dual trauma pocket for both a 6"x8" and 7"x9" plates.



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Our state-of-the-art facility in Eden, North Carolina boasts 130,000 square feet of manufacturing capacity, with the latest advancements in technology and equipment. This operational center of excellence is where we produce large volume contracts for the U.S. Department of Defense and Federal Government, and it also serves as a sister facility to our Central Lake, Michigan operations, fully capable of producing NIJ .06 (and anticipated NIJ .07) ballistics, carriers and hard armor plates for the domestic law enforcement market and First Responders. Within Eden, we have an array of new laser cutters used for Next Generation Army carriers (the Modular Scalable Vest "MSV"), Marker Making & Technical design capabilities, Gerber cutters, Hard Armor Manufacturing equipped with an Auto Clave, and multiple isotope ballistic ply counters to ensure the correct ballistic configuration on every piece of ballistic armor produced. Through Lean methodologies and implementation, we have been able to maximize floor space, increase capacity, throughput and material flow, and create a visual environment overseen by Quality Specialists at every step along the manufacturing process.

In addition, Armor Express' new Corporate Headquarters in Arlington, Virginia serves as the central point for Government customer engagements, given its proximity to the nation's capital. As a critical supplier to the U.S. Army, U.S. Marine Corps, U.S. Navy Security Forces and various Federal agencies, having this office is a critical element of the Company's strategy to be closer to its Military and Federal customers and provide greater real-time support. Along with leadership, several of our sales, contract and program management, procurement specialists, and design personnel are onsite. This new 4,500 square foot facility also houses a showroom, highlighting the latest innovations in concealable and tactical carriers, hard armor solutions, Military and Federal products, and various other ballistic solutions to meet all customer needs.

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