

# P&SN

## Police and Security News

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Serving Law Enforcement & Homeland Security

**Pulling the Pin**

**Drone Enforcement**

**Tactical First Aid**

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**What's New  
for 2016?**



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### New Reflex Sight



Featuring a digital switch control with six variable brightness levels for daytime use and six settings in night vision mode, the new Sightmark® **Ultra Shot™ M-Spec Reflex Sight** is built for adaptation to any shooting environment. Its magnesium alloy housing offers exceptional durability along with a battery life of up to 1,000 hours of superior functionality. Fully submersible up to 40 feet of water, the **Ultra Shot M-Spec** is equipped with dual pane glass and a parallax corrected lens system, allowing shooters to sight accurately from ten yards to infinity.

Circle 4014 for More Information

### New Ballistic Vest



The **ARMIS** ballistic vest, from Point Blank Body Armor, is a highly scalable, side opening carrier which allows tactical units the flexibility to configure the system to meet mission specific needs. This includes the capability to release the complete vest in one quick motion and select the specific level of protection needed, while enhancing mobility, agility and a substantially improved range of motion for the operator. The ergonomic carrier shape offers optimum protective coverage while maintaining maximum maneuverability (front, back and sides).

Circle 4015 for More Information

### Active Response Breachers Kit



The **TACOPS® ARBK (Active Response Breachers Kit)**, from TSSi, is a portable breaching tool system with full-size telescoping and folding handle tools which provide a full force solution to breaching requirements. It is designed to allow responders to active shooter situations to gain entrance into a structure while wearing the TACOPS Active Response Breachers tool quiver and have the ability to tactically employ a sidearm. This design allows the responding officer to retain the breaching tools throughout the entry to address any other barricades which may be encountered.

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# Body Armor Update: 2016

The 23rd Annual Report on the Latest  
Advances in Ballistic Armor Technology and Design

Rebecca Waters

**“D**uring the past three decades, ballistic-resistant soft body armor has saved the lives of more than 3,000 police officers,” making it critical safety equipment for law enforcement, the National Institute of Justice (NIJ) reports. Ballistic armor technology is constantly changing: incorporating new materials, improving performance and enhancing wearability. This article will provide some background to help you make the right body armor choices. We'll end with a look at what the future holds.

The past year has seen further advances in ballistic armor performance.

New fabrics have allowed for the development of “lighter weight, stronger and moisture-resistant tactical systems,” says Michael Foreman, EVP of International Business Development, Federal Sales and Marketing, Point Blank Enterprises.

While advances in the industry have been modest this year, Georg Olsen, Sales Manager at U.S. Armor Corporation, has noticed a worrying trend. As business is slowing in the military market, several manufacturers have begun to market their military body armor products in the law enforcement space. This presents several problems, Olsen says. “First, they

are presenting products designed for foreign military operations to be used for domestic law enforcement operations and the two are not at all the same, particularly in the areas of environment, execution and final objective. Second, there is currently a major public opinion pushback regarding the ‘militarization’ of American law enforcement with significant pressure being applied to law enforcement administrators from several sources to reverse this trend. As a result, agency administrators are very image conscious and reluctant to fund the acquisition of any tactical equipment, regardless of the need.”





**The new Alpha Elite™ Black concealable body armor utilizes the latest generation of Dyneema® Force Multiplier Technology by DSM**

**Point Blank Enterprises  
(www.pointblankenterprises.com)**

The latest Alpha Elite™ Black concealable body armor is an extension of Point Blank Enterprises' Alpha Elite Series

which offers lightweight, high performing NIJ .06 IIIA ballistic systems. Building on the previous Alpha Elite design, the Alpha Elite Black is even lighter (an additional 17 percent weight reduction) while still providing the same level of protection. With the latest generation of Dyneema® Force Multiplier Technology by DSM, Alpha Elite Black weighs a mere .79 psf, with 9mm V-50s greater than 2,000 fps. The Alpha Elite Black was developed to meet and exceed global standards for law enforcement, military and US Special Operations forces. It is designed to defeat high velocity handgun rounds and fragmentation with minimal backface deformation. Additionally, it offers reliable multihit protection.

The ARMIS with Halo Buckle System is designed to be highly scalable and comes in the form of a side opening carrier which allows tactical units the flexibility to configure the ballistic system to meet mission specific needs. This includes the capability to release the complete vest in one quick motion and select



**The new ARMIS with its Halo Buckle System offers the capability to release the complete vest in one quick motion.**

the specific level of protection needed, while enhancing mobility, agility and a substantially improved range of motion for the operator. The ARMIS ballistics include NIJ Level IIIA and NIJ Level II protection.



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**The SOHPC GEN III includes optional side plate pouches.**

The SOHPC GEN III is Point Blank Enterprises' latest hard plate carrier. It is designed to provide comfort, protection and flexibility to meet the needs of every mission. The latest design adds an adjustable cummerbund and optional side plate pouches for hard armor plates. SOHPC GEN III ballistics include a Stand



**The new Executive Ballistic Briefcase has been created for dignitary protection use.**

Alone Level III Plate, a Stand Alone Level III+ Plate, a Stand Alone Level IV Plate, and an ICW III/IV Plate.

The Trifecta X is a high performance shield which has been both internally and externally certified to ballistic performance levels which meet NIJ Level III Plus protection requirements. Key components offered on the interior of the shield include a stationary handle, a thick high density foam pad and a unique hook/loop fastener forearm strap attachment system.

The ASPIS X Shield weighs a mere 17 pounds (with a light and viewport – 17.9 lbs.), and offers advanced maneu-



**Point Blank's Trifecta X Shield provides a number of key components.**

verability for handgun and long gun deployment. Available in Level III protection, the ASPIS X is special threats tested to rounds including 7.62x51mm, 149-grain M80 FMJ; 7.62x39mm, 123-grain PS Ball; and 5.56x45mm, 55-grain M193 Ball.

The Executive Ballistic Briefcase instantly converts from a lightweight, discreet briefcase to a fold-out ballistic shield with additional "special threats" protection

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the ASPIS X is special threats tested to rounds including 7.62x51mm, 149-grain M80 FMJ; 7.62x39mm, 123-grain PS Ball; and 5.56x45mm, 55-grain M193 Ball.

The Executive Ballistic Briefcase instantly converts from a lightweight, discreet briefcase to a fold-out ballistic shield with additional "special threats" protection (by inserting SPEED plates in the plate pockets). Within seconds, this convertible solution can provide immediate protective coverage against fragmentation and bullets and is ideally suited for dignitary protection details, private security and other high threat environments. The Executive Ballistic Briefcase goes beyond traditional ballistic blankets in that it offers instant adaptability with maximum functionality in one, easy to deploy system. Folded, the briefcase measures 20" x 13.5" and, unfolded, 40" x 20".

**Safariland®**  
([www.safariland.com](http://www.safariland.com))

The new Safariland Armor collection was introduced in early 2016 as a complete line of ballistic panels and carriers. The collection is comprised of five distinct



***The Safariland® Armor collection is a completely new line of ballistic panels and carriers.***

panel designs which work universally with all the carrier models. The new Safariland Armor carriers introduce a system customizable for the individual officer, interchanging with every ballistic panel and carrier. The concealable Covert carriers

employ ergonomic designs, lightweight fabrics and contoured stitch lines and feature laminated four-way stretch fabric and a cooling spacer mesh liner. The Overt carrier options – worn externally – feature traditional and load bearing styles. The V1 and U1 Overt carrier models encompass a hidden gun pocket, VELCRO® adjustable shoulders and ribbed channel spacer cooling mesh. Each of these models is offered in eight front or side opening options for individual preference.

A unique product within Safariland Armor's product line, the HyperX™ is an integrated system consisting of a performance base layer T-shirt made of stretch fabric which moves and flexes and a ballistic carrier – both have soft armor plate pockets for enhanced coverage and protection.

**U.S. Armor Corp.**  
([www.usarmor.com](http://www.usarmor.com))

U.S. Armor's Lightweight Anti-Rifle Plates are high performance plates with multihit capacity at half the weight of traditional ceramic plates. A dual curved surface provides a torso shaped fit for better

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