NATO’s 70th Anniversary (1949 – 2019)

NATO’s Merits:
70 years of peace and stability in Europe

NATO’s Strategy:
Military deterrence and political dialogue

NATO’s Future:
A world of threats and uncertainties

On the Record:
High-ranking NATO officials and top managers of the defence industry talk about NATO’s challenges and opportunities in the 21st century
Introduction
Horst Seehofer, Federal Minister of the Interior, Building and Community

Growing Demand for Security Solutions and Growing Budgets at Police and Official Agencies
Interview with Thomas Preutenborbeck, Executive Director Exhibitions NürnbergMesse

Building a New Federal Police Branch
Interview with Olaf Lindner, President of Bundespolizeidirektion 11

News
Interview with Zarko Popovic, General Manager KROKO Tactical

Meggitt Understanding Europe’s Unique Live-Fire and Virtual Training Requirements
Interview with Matt Cunningham, Director of Virtual Systems Sales at Meggitt Training Systems

Stoof International: Highly Skilled and Experienced
Interview with Holger Stockey, Stoof International Vice President International Sales

Cover:
Germany has had to respond to an increased frequency of terrorist attacks in recent years, with the German Federal Police’s elite units forming an important part of this response. (Photo: German Federal Police)

Index of Advertisers:
BONOWI International Police-Equipment GmbH
Busch Protective GmbH & Co. KG
CTC Medical GmbH
Qioptiq LTD
STOOF International GmbH
Swedish Ordnance AB

Mönch Verlagsgesellschaft mbH
Editor-in-Chief: Dr. Dennis-P. Merklinghaus
Publishers: Uta & Volker Schwichtenberg
Business Development Manager: Christian Lauterer
Senior Adviser: Brian Passey
Reporter: Grant Turnbull

Executive Associate and CEO: Volker Schwichtenberg
Executive Associate and Lawyer: Uta Schwichtenberg
Deputy Managing Director: Christa André
Editorial Director: Dr. Dennis-P. Merklinghaus
Cover and Layout: Frank Stommel

The views published are not necessarily those of the Publisher and Editor. Photos and illustrations for which no specific credit is given are understood to be in the public domain.

© 2019 Copyright by Mönch Verlagsgesellschaft mbH, Bad Neuenahr-Ahrweiler, Germany
Printed in Germany

All editorial content published in this magazine is protected by copyright. All rights, especially those concerning translations are reserved. No part of this magazine may be reproduced, or transmitted, or translated into another language, in any form or by any means, electronic, digital, mechanical, photocopying, recording or otherwise, or be stored in any retrieval system of any nature, without prior written permission of Mönch Verlagsgesellschaft mbH, except as when related to §§53, 54 German UrhG, under which certain circumstances entitles the Publisher to compensation. According to §54 (2) German UrhG, any copy made or used by commercial enterprises, serving commercial purposes, requires financial compensation to be paid to Mönch Verlagsgesellschaft. For permission requests, write to Mönch Verlagsgesellschaft mbH (contact data see above)

Your Safety & Security International Contact

International Marketing Manager:
Mr. Stephen Elliott
Mönch Verlagsgesellschaft mbH
Christine-Demmer-Str. 7
53474 Bad Neuenahr-Ahrweiler, Germany
Tel: +49 2641 3703 105
Fax: +49 2641 3703 199
E-Mail: stephen.elliott@moench-group.com

Asian Eastern Pacific (AEP)
Mr. Vishal Mehta
PO Box 11329
IARI, New Delhi 110012
India
Mobile: +91 99 98 85 425
E-Mail: vishal.mehta@moench-group.com

France, Belgium, Pakistan
Mr. Georges France
Mönch Verlagsgesellschaft mbH
6 impasse de la Grande F-91510 Janville-sur-Juine
Tel: +33 1 60 82 98 88
Fax: +33 1 60 82 98 89
E-Mail: georges.france@wanadoo.fr

Italy
Mr. Franco Lazzeri
RID
Via Martiri della Liberazione, 79/3 I-16043 Chiavari (GE)
Tel: +39 1 85 30 15 98
Fax: +39 1 85 30 91 71
E-Mail: franco.lazzeri@rid.it
lazzari@moench-group.com

Spain, Portugal, Middle East, Latin America
Mr. Antonio Terol Garcia
Tel: +34 91 3 10 29 98
Fax: +34 91 3 10 24 54
E-Mail: antonio@terolgarcia.e.telefonica.net
terol@moench-group.com

USA, Canada, UK
Mrs. Sally Passey & Mr. Brian Passey (Directors)
BSP Media
Tel: +44 1491 628000
Fax: +44 1491 628044
E-Mail: sally@bспmedia.com
Mr. Vishal Mehta
Tel: +44 1491 628000
Fax: +44 1491 628044
E-Mail: sally@bспmedia.com

Marketing Manager Germany, Austria, Switzerland, Japan:
Mr. Christian Lauterer
Mönch Verlagsgesellschaft mbH
Christine-Demmer-Str. 7
53474 Bad Neuenahr-Ahrweiler
Germany
Tel: +49 2641 3703 199
Fax: +49 2641 3703 199
E-Mail: christian.lauterer@moench-group.com
When the doors to Enforce Tac 2019 open in Nuremberg, visitors will be presented with innovations in the areas of management and resources, police equipment, security and tactical solutions.

Professional equipment is absolutely imperative for authorities and organizations with security responsibilities. It is vital for police officers, members of the German Federal Agency for Technical Relief, the fire brigade and rescue services. All of these dedicate themselves to protecting our safety and maintaining order in our country with great professionalism and commitment every day.

So as the German Federal Minister of the Interior, Building and Community, them having professional equipment and safety gear at their disposal is important to me. Only then are they able to perform their duties well and only then are they able to remain safe in the vast majority of situations, if not all of them, and return from call-outs unscathed.

I hope Enforce Tac 2019 will be a success and that everyone there will be able to obtain helpful information, engage in interesting, lively conversations and leave with some valuable ideas and inspiration for their own work.

Horst Seehofer
Federal Minister of the Interior, Building and Community
In an interview with Thomas Preutenborbeck, Executive Director Exhibitions NürnbergMesse, Enforce Tac Show Dailies were informed about Enforce Tac’s 8th anniversary and what visitors and exhibitors can expect this year.

**SD:** What sets Enforce Tac 2019 apart from previous editions?
**T. Preutenborbeck:** Enforce Tac will, in its 8th edition, grow again remarkably. We have moved it to one very large exhibition hall, instead of three smaller ones, thereby creating more value. Parallel to Enforce Tac, the U.T.SEC Summit for Drones, Drones, Unmanned Technologies & Security focusing on security provided by and against unmanned technologies takes part. It is focusing on security provided by and against unmanned technologies. The combination of the three exhibitions (Enforce Tac, U.T.SEC and IWA) offers an outstanding spectrum of security products, with Enforce Tac providing the setting for exclusive contact with representatives from official agencies.

**SD:** Enforce Tac 2019 is more international than ever. Will this continue?
**T. Preutenborbeck:** Yes – we are again expecting an international share of exhibitors of more than 50%.

**SD:** In an earlier interview you stated that having Enforce Tac and IWA OutdoorClassics back-to-back has proven its worth. Do you still think this is true today, also in view that some exhibitors will only buy booth space for one of the two?
**T. Preutenborbeck:** The idea of combining both shows has proven as very successful. Exhibitors can choose if they want to address visitors of official agencies only at Enforce Tac, or if their target group is retailers at IWA OutdoorClassics. Many companies do both, and are present at Enforce Tac and IWA OutdoorClassics. Also many of the visitors are pleased by the opportunity to see both shows within one visit to Nuremberg.

**SD:** With Enforce Tac having had great feedback in the past and ever-growing success since its premier in 2012, what makes events like Enforce Tac important for the end user and for industry?
**T. Preutenborbeck:** The demand for state-of-the-art equipment for police and security is obvious these days in order to face the degree of threats for civilians as well as operators. Enforce Tac is the perfect place for specialists to meet with the industry and to exchange with colleagues from other units and countries.

**SD:** What can we expect at this year’s Enforce Tac?
**T. Preutenborbeck:** Enforce Tac 2019 will be bigger and better again – with more space for exhibits, especially for vehicles, and of course, the European Police Trainer Conference and its practical training.

**SD:** How do you analyse current operational use of solutions presents at Enforce Tac against initial useful life projections?
**T. Preutenborbeck:** That’s a question answered best by the visitors of Enforce Tac. The growing number of attendees is a good indicator of the usefulness of the overall range of products presented by the companies exhibiting in Nuremberg.

**SD:** How do you feel Enforce Tac could further enhance its presence?
**T. Preutenborbeck:** We always keep an eye on further enhancing Enforce Tac, especially by talking a lot with our exhibitors. This way, we make sure to always have the latest trends and products present at the show.

---

**Enforce Tac at a Glance**

This year, Enforce Tac, the International Exhibition & Conference Law Enforcement, Security and Tactical Solutions, is celebrating its 8th anniversary. The latest in Law Enforcement and Special Tactics equipment for 360° security is again being presented by this special event, 6-7 March 2018, at the exhibition centre Nuremberg. Furthermore, IWA OutdoorClassics, following Enforce Tac 8-11 March, same place, can look back on success story spanning 45 years. Enforce Tac was created from the traditional Official Agencies Day at the start of IWA OutdoorClassics and can look back on a long tradition. The growing interest in an international and above all discreet exchange of views on law enforcement, security and tactical equipment led to the premiere of Enforce Tac as a separate restricted exhibition & conference in the congress centre of NürnbergMesse in 2012.
we also promote Enforce Tac on special occasions like, for example, the European Police Congress in Berlin.

**SD:** What are the key market drivers and restraints in defence/law enforcement market and how can Enforce Tac demonstrate this?

**T. Preutenborbeck:** A trade show is always a mirror of the branches it is representing. In case of Enforce Tac, it clearly shows the growing demand for security solutions and growing budgets at police and official agencies.

**SD:** What changes do you expect to see over the next years and what do you think the future of events look like?

**T. Preutenborbeck:** Going more and more digital will be a big thing in the security sector, like in other parts of everyday life. This includes the trade show business, but it will never replace talking face to face, especially in such a highly specialised field.

**SD:** Are there some key messages to our readership that you would like to address?

**T. Preutenborbeck:** Welcome to the biggest Enforce Tac ever, thank you for visiting – and enjoy your time at the show and in Nuremberg!

**SD:** Thank you.
The new President of the German Federal Police Command 11 (Bundespolizeidirektion 11), Olaf Lindner, former head of Germany’s top counter-terrorism unit GSG-9, provides deep insights into the new organisation, its cooperation with other agencies, and aspects like the new Tactical Medicine initiative in this exclusive interview.

SD: On 1 August 2017, the new Federal Police Command 11 was established in Berlin. What was the reason for establishing this new branch?

O. Lindner: The political decision to develop this new branch was made following the terrorist attacks in Germany and in Europe, and in the wake of ongoing attacks by Islamic terrorists. The principal goal was to bring the special skills of the Special Forces of the Federal Police under one single, central command structure to enhance its crisis reaction capability.

SD: What’s the composition of the Federal Police Command 11?

O. Lindner: The ‘Command 11’ consists of an operational command plus the GSG 9 Special Forces Unit of the Federal Police (GSG 9 BPOL), Federal Police Aviation Squad, ‘Police Protection Agencies Abroad’, and the ‘Special Protection Air Transport’, as well as the Federal Police’s ‘Assistance and Investigation’ special units. In addition to this, we are tasked with the professional responsibility for the Federal Police’s Defusing Service and the foundation of the project group ‘Tactical Medicine.’
SD: What duties does the Command 11 have?
O. Lindner: We are providing consultation to other segments of the Federal Police, and we are training and enabling them for special actions and missions. We will also develop and test new mission techniques and tactics. In close consultation with our partner organisations, we will prepare other organisational units of the Federal Police even more intense to cope with life threatening mission scenarios. Additionally, we coordinate the mission of Special Forces within the Federal Police as well as other security authorities and partners around the world. During their missions, we support other parties to cope with complex mission scenarios, and we coordinate missions of the Federal Police abroad.

SD: Can you please provide us with an example of the innovative consultation?
O. Lindner: Following an attack, rescue workers usually are not allowed to enter the security zone. The assessment of previous attacks led to the conclusion that operational forces may not be always properly trained and equipped to support seriously injured victims as fast and effective as possible. As a consequence, we founded the project group ‘Tactical Medicine’. This unit should allow for a strengthening of the performance level and equipment of the operational forces in the Federal Police’s departments. All colleagues will be put in the position to provide support as fast and best as feasible. This will not only include the first aid for possible injured victims and own staff, but we do have the legal obligation to also provide the offender with life-sustaining measures.

SD: What’s the composition of the air deployable equipment of the Command 11?
O. Lindner: We own more than 84 helicopters of different sizes and with differing capabilities. This figure includes helicopters for reconnaissance and monitoring, as well as transport. The Flight Service of the Federal Police possesses the largest police helicopter fleet in Europe. Critical infrastructure monitoring and observations of both the North Sea and Baltic Sea is being done from locations and bases all over Germany. Additionally, capacities for air transport are being held on stand-by for short-term deployments of Special Police Forces. Other tasks include the transport of persons that are at risk, as well as disaster relief in Germany and foreign countries.

SD: Why do you see the need for intensified collaboration of the security authorities with the military?
O. Lindner: We further expect complex attacks in Germany and Europe. We have to prepare for this quickly, well, and internationally. Nowadays, there is no way to ignore international cooperation in this field. The collaboration with other security partners and the Bundeswehr must be further expanded on many levels. The Bundeswehr owns adequate resources and extensive logistics, which we may access when needed. These measures of support are to be discussed in compliance with the legal regulations, and further cooperation has to be agreed. Especially the GSG 9, on a regular scale, is in close exchange with its partners in the Bundeswehr.

SD: What does international cooperation with Special Forces look like?
O. Lindner: Within this scheme, the ATLAS Cooperative Network has proven itself since years. This Network meanwhile houses Special Police Forces of 36 European countries. The main goal is to develop common standards in the fields of training, equipment, and tactics. There is an intense exchange between the cooperating countries, and there are plenty of workshops at any level. Realistic mission scenarios to cope with complex situations are being assessed in joint exercises on a regular basis. We will follow this path with our partners in Germany, Europe, and worldwide to intensify our national and international networks. I am convinced that the key for security lies in ‘cross-border’ networks.

SD: Thank you.
Schuberth Adds Protection Against Compact Lasers to its P100N Police Helmet

In Nuremberg, Schuberth is displaying its latest improvements and enhancements in the head protection domain. The Magdeburg-based manufacturer is showing a new laser protection helmet for police forces for the first time. The P100N modular system, which is in service internationally, has been supplemented by protection against compact lasers, according to the company, stemming from a demand following evaluations of the G20 summit in Hamburg.

Schuberth explains that there is an imminent threat from compact lasers, in addition to pyrotechnics and paint projectiles. This has led other European countries to introduce laser goggles. However, as they cannot be combined with respiratory protection, goggles may have drawbacks for operators. Additionally, they are difficult to use when wearing gloves.

It was noted prior to Enforce Tac that the new Schuberth solution was developed in close cooperation with and as a response to an initiative from the Zurich Municipal Police. Operational experience with laser protection goggles fed directly into the development programme. Nick Schmid, Chief of Equipment with the Zurich Municipal Police, comments: “In recent years, we have learned that the laser goggles procured do not provide the necessary flexibility and protection that our emergency personnel need in the public order service. That is why we have set out to find an innovative solution and are delighted to have found a suitable technology partner with Schuberth.”

The exact wavelengths against which protection is required can be determined by the customer. Milad Youkhanna, Head of Military & Law Enforcement at Schuberth, adds: “Our goal is always to adapt the only TR2011-certified helmet to changing threats. With the help of our users, we are continuously developing the P100N modular system. After the successful integration of new system elements, such as the tear-off visor, modular laser protection provides the latest response to threats of the future.”

HAIX SCOUT Desert Boot Goes Through First GearBox Testing

This sturdy combat boot, currently operationally deployed with several militaries, is intended as an all seasons boot, employing Gore-Tex Extended Comfort breathable laminate lining (made specifically for this boot) to help keep the foot dry and HAIX’ Climate System to keep it cool, by releasing warm air through the Micro-Dry lining at the collar by using the pumping movement caused by every step to generate air circulation through the internal construction of the boot, which uses 1.9-2.1mm thick hydrophobic and breathable Nubuk leather uppers plus durable water-resistant and abrasion-resistant textiles. Both toe and heel areas are protected by a substantial rubber rand. The composite rubber and polyurethane outsole is manufactured by Vibram and intended for both road and off-road use, offering a combination of high wear resistance and good non-slip traction; also being oil, petrol and heat resistant and compliant with EN ISO 20347:2012. The heel section is shock-absorbing and gives a nice bounce when marching.

The footbed is much more than just a basic insole: anatomically formed and consisting of a heel and instep cup bonded to a thick shaped foam layer with fabric top layer, it is both replaceable and washable (at 30°C). Its construction offers good moisture absorption and the materials used mean if dries out very quickly. Seven-eyelet lacing with locking D-design at the mid (fourth) eyelet position, allows for separate adjustment of the boot in both the foot and leg area; ensuring the boot is really secure on the foot. The company’s Smart Lacing method, as the company claims, ensures smooth and non-pressure adjustment of the boot to the foot and the SCOUT also has the quick lock and side lace pocket design; I was a bit unsure about this feature when I originally encountered it and had to replace the faulty lacing locks, as they kept on opening. The new ones now work and having been used for a few kilometres are quite innovative. Stay tuned for more, as we keep on wearing and testing them.

TSS International Showcases Automotive Safety and Mobility Systems

At Enforce Tac 2019, TSS International BV, headquartered in Barendrecht near The Hague, showcases a selection from its wide product portfolio of solutions for automotive mobility and safety. Among the solutions delegates will be able to discuss and view at first hand are:

- **Heavy-duty wheels**, combining strength with elegance for payloads up to 2,000kg: the patent pending multi-purpose wheels can be fitted to a wide range of vehicles and have been rigorously tested and approved by TÜV for bending, fatigue and impact. After direct hits from an AK-47 rifle, X-rays reveal zero micro-fractures.
- **The RODGARD runflat tyre system** can take the rough with the smooth. Designed for US military and NATO standards, tested and approved by TÜV and FINABEL, RODGARD runflats rely on a heritage of over 25 years’ experience in providing driver control in emergency situations.

TSS ProtecTank is to enhance the existing vehicle tank’s ability to survive ballistic and explosive attacks. The self-sealing materials are specifically developed and are capable of sealing entrance and exit holes caused by multiple shots and/or heavy fragmentation impacts, making it possible to convert an existing fuel tank into a TSS self-sealing and flame-retardant tank.

All these, plus a range of vehicle intercommunications and battery maintenance systems, are supported by knowledgeable and experienced TSS International staff at Enforce Tac.
Direct Action Unveils SPITFIRE MKII Plate Carrier

Direct Action bring new products to be shown exclusively at Enforce Tac. Within the whole range of presented gear and garments their newest SPITFIRE MKII Plate Carrier and a complete combat uniform – VANGUARD, composed of VANGUARD Combat Shirt and VANGUARD Combat Trousers, each with Cordura 500D reinforcements, stand out.

Direct Action are focused on constant evolution of their products. Thanks to the feedback from users around the world, the company, who share the same owner as Helikon-Tex, were able to create the new, improved version of one of their top products: the SPITFIRE Plate Carrier. The MK II version may look simpler, but in fact it is much more scalable and mission configurable.

The company has decided to strip down the carrier of unnecessary PALS slots under the flap and on the back as well as enlarge the loop panel on the front for large LE patches. Even more – they made it lighter than the standard version. Thanks to numerous new flaps, back panels and cummerbunds one is able to make the carrier the way one actually needs it.

Weighing 430g/0.95lbs is made of Invista Cordura 500D fabric and proprietary laminate, has an optional accessory cutaway system, compatible also with the SPITFIRE Plate, includes back zippers compatible with Crye Precision AVS standard and front buckles for attaching flaps or chest rigs; buckles compatible with Mayflower/Velocity Systems standard, and features PTT mounting points, cables/hydration tube stabilisers, a zippered chest pocket on front and optional comfort pads, compatible with the standard SPITFIRE Plate Carrier comfort pads.

UF PRO Unveils Striker Tactical Gear in CONCAMO

UF PRO brings its range of Striker tactical gear in CONCAMO to Enforce Tac. This innovative camouflage pattern provides cloaking effectiveness thanks to its prowess at sending subconscious brain signals into disarray. CONCAMO, or, confusion camouflage, employs a novel and highly sophisticated design to prevent the mind from correctly making sense of information supplied by the eyes while gazing in the direction of a CONCAMO wearer.

“CONCAMO scrambles brain signals way down deep, at the subconscious level,” Armin Wagner, UF PRO Head of Product Development, explains. “It does a remarkable job of keeping wearers hidden, even when they are literally just meters away from the observer. It makes the wearer invisible to an extent that really must be experienced to be fully appreciated.”

Striker tactical gear available in CONCAMO will include: the Striker HT Combat Pants, Striker XT Combat Shirt, Striker XT Combat Jacket, Striker Gen.2 Boonie Hat and Striker tactical gear. Mr Wagner said that it is a favourite of Europe’s elite special-forces: “We think CONCAMO will be a huge hit with our customers not just in Europe but far beyond.”

Continuing he said that, “CONCAMO’s patented special pattern arrangement features eight colours blended through various elements and shadings to produce more than 60 layers of perceivable depth. It’s an incredibly effective concealment system that works beautifully in a spectrum of environments – forests, grasslands, deserts, mountainous snow country, even urban areas.”

CONCAMO was developed in Germany by designer Matthias Bürgin, CEO of Saro GmbH, CONCAMO’s mother company.
SABRE Features New Products

SABRE, a brand trusted by police worldwide, is exhibiting their latest law enforcement and corrections grade safety equipment on booth #12-411.

The SABRE ReadiMask Adhesive Sealing Particle Respirator offers full face protection from emerging particulate respiratory threats, like pepper sprays, bodily fluids, smoke or asbestos. It is safe, easy and comfortable to use.

The SABRE Red 1.33% MC Crossfire Gel (45ml) reduces cross-contamination by not atomising in the air and can be deployed from any angle or orientation for maximum target acquisition. It deploys six full one-second bursts at a range of 15-20 feet.

The SABRE ReadiMask Adhesive Sealing Particle Respirator (Model #SPARM-G-01) offers full face protection from emerging particulate respiratory threats (pepper sprays, bodily fluids, smoke, asbestos). (Image: Sabre)

The SABRE Red 1.33% MC Crossfire Gel (45ml) reduces cross-contamination by not atomising in the air and can be deployed from any angle or orientation for maximum target acquisition. It deploys six full one-second bursts at a range of 15-20 feet.

The MK 60 Stream High Volume Streamer deploys 30 full one-second bursts at a range of 30-35 feet and refills in 90 seconds or less.

The MK-20 Stream Duty Belt is the company’s quickest- and easiest-to-draw duty belt. It features a sturdy metal duty belt clip eliminating the need for a holster. It is also refillable, offering a greater value.

“As the world’s leading pepper spray brand, SABRE is trusted and used by police in 40 countries across six continents,” said SABRE CEO David Nance. “SABRE takes pride in providing the most innovative products for law enforcement – we always look forward to showcasing our best-in-class non-lethal safety equipment at Enforce Tac.”

SABRE pepper spray products are backed by eye, skin, and inhalation testing, feature UV marking dye, and are put through PSI accuracy testing and leakage prevention testing before leaving the factory.

When Weight Matters: Maximum Protection with Minimum Weight – Busch PROtective Helmets

Not only is the threat envelope widening and changing almost daily for military and security professionals – but within any one mission there can now be a dynamic threat situation that can change the security of the individual operator’s safety environment almost instantly. This means equipment previously designed to combat specific threats now needs to take multiple threats into account.

The Busch PROtective AMP-1 TP helmet provides maximum protection with minimal weight – because weight counts when performance and survival are at stake! (Image: Busch PROtective)

Helmets designed for battlefield applications are designed primarily for protection from penetration and fragmentation, unlike helmets designed for law enforcement close quarter combat (CQC) operations. In order to reduce the kinetic energy of a 9x19mm projectile (8g/124grain) from 690 Joules to less than 25, and to make the impact survivable, the helmet has not only to stop the projectile, but also has to absorb more than 96% of the energy. In the past, this was only possible using helmets made from metallic materials, which added a lot of weight to the helmet system and thus decreased individual performance in effective operations: it also contributed to the potential for long-term neck injuries. Helmets made by Busch PROtective – such as the AMP-1 TP – are made from Kevlar and therefore have lower density than metal-based helmets by default. The company concentrates on the individual and task and wants its users to be completely focused on the task, rather than on the weight on his or her head.

In this business, weight management is not about aesthetics but is directly linked to performance and survivability – as speed of movement, reaction time and comfort levels are key aspects of increasing task-specific focus and could make the difference between life and death.

Irish Correctional Officers Receive New Baton

Irish Prison Service have selected Daniel Technologies’ ASP 21in Federal Lock Baton and Scabbard for use by its Operational Correctional Officers, after one year of stringent testing within IPS correctional facilities and tasked environments nationwide.

 Each Federal Baton will be delivered with a unique laser engraved I.D. for service and deployment history within the IPS system and come pre-packed with a Federal Scabbard for immediate issue.

“The ASP Federal Baton, Ultra Handcuffs & Tri-Fold Restraints are already in service with our National Police & Military, which only reinforces the ASP System works well with professional personnel,” Sarah Stritch, Daniel Technologies, commented. “The initial roll out of over 1,000 sets has commenced with simultaneous ASP Training taking place with IPS. We are really thrilled for ASP to be selected by IPS. The testing was carried out to extreme, ensuring consistency of the Federal Baton & Scabbard in every environment that an officer may find themselves requiring use of force.”

Daniel Technologies is extremely proud to have been selected by such a professional organisation and look forward to supporting IPS programme in 2019.

Irish Prison Service have selected Daniel Technologies’ ASP 21in Federal Lock Baton & Scabbard for use by its Operational Correctional Officers. (Image: Daniel Technologies)
KROKO Tactical Supporting the Troops

“In that's our R.I.D.E.” (Research, Innovate, Develop & Enhance)

In an interview with Zarko Popovic, General Manager KROKO Tactical, Enforce Tac Show Dailies were informed about the company, its customers and its presence at Enforce Tac 2019.

SD: Tell us when and how KROKO Tactical got started. Z. Popovic: KROKO started more than 50 years ago, in 1961, as a high-end leather manufacturer in Zagreb, Croatia. With the start of the Homeland War in Croatia, we supported our troops and started to produce equipment that was needed - backpacks, belts, uniforms, etc.

SD: You’ve been providing militaries protective and load bearing gear. Describe how that came about. Z. Popovic: Our beginnings were formative - gathering experiences from front lines, adjusting our products to reflect those, and working closely with end users. From there, we invested a lot into our R&D resources as we realized that quality and innovation are the way to go forward and differentiate ourselves in this extremely competitive market. Protective and Load Bearing systems are our strengths, we’ve researched, developed, designed, and manufactured over 300 different products in the last 5 years.

SD: What militaries use your products? Z. Popovic: First of all, we’re proudly supporting and supplying our own - Croatian Armed Forces have been our partner since day one. We’ve expanded into the wider European region, not only in armed forces but in law enforcement as well. Today we’re supplying complete MOD and MOI of Montenegro, Kosovo Security Force, Portuguese Armed Forces, Swiss Federal Police, German Federal Police. In terms of other markets, we’re active in SE Asia with Indonesia, Malaysia, and Singapore and expanding retail and law enforcement options in USA and Canada.

SD: Do you employ retired military personnel? Z. Popovic: We’re an equal opportunity employer, so we take our social responsibility very seriously. KROKO has a number of retired military personnel employees that are working in various roles from manufacturing to management. Apart from ex-military, we work closely with people with disabilities either directly through employment or through sub-contractor roles with NGO’s. Giving back and being involved in the community is of the utmost importance.

SD: How will backpacks be different in 2025? Z. Popovic: We’re seeing a lot of development in how and where military and law enforcement professionals operate. In that sense, equipment that they carry and utilize has to change as well. We believe that new, lighter, and stronger materials will play an even bigger role. Also, we’ll have to provide systems that are modular so that end users can adjust equipment to the mission specific needs.

SD: What makes your products different? Z. Popovic: We’re in an extremely competitive field and our position is that we have to differentiate ourselves through quality, durability, innovation, and development. Our motto reflects that - “That’s our R.I.D.E.” - as it stands for research, innovate, develop, and enhance. We live up to those demands with the usage of a top of the line textiles, cooperating with numerous textile manufacturers on the development of new fabrics, and various international accredited laboratories to assure that we comply with those high demands.

SD: Describe your testing process. Z. Popovic: We’re a firm believer in a thorough testing of our products so that they meet our quality standards. The testing process is divided into three parts - first of all, we have a thorough inspection of materials that are used in that particular product, we compare specs with the end user requirement, and we make sure that everything is in order. Next step is to get the product out in the field and on this part, we have a cooperation with professionals that are both in active service and retired so that we can make adjustments if it’s needed. The final step is to get those products in the independent laboratory to verify results.

SD: What do you expect to gain from Enforce Tac 2019? Z. Popovic: We see Enforce Tac 2019 as a great way to showcase our products to professional users and decision makers. Apart from that, we also have a significant number of potential and existing business partners that are attending this event. So, we firmly believe this is an excellent opportunity to have meetings, presentations, and expand our network.

SD: Thank you.
Enforce Tac Build-Up in Pictures
**Tasmanian Tiger’s Modular Sniper Pack 45**

Made to be the ultimate scout or sniper pack, Tasmanian Tiger’s Modular Sniper Pack 45 boasts a truly clever design with the key word being Modular! Tasmanian Tiger invested a lot of iR&D on perfecting a truly modular carrying system that gives the user many possibilities. If you are looking for a heavy duty backpack and a weapon bag that can be used for the transport of a long weapon with or without scopes, look no further, as this pack is both! The Modular Sniper Pack 45 lets you use it as a system of systems, where the backpack and weapon bag can be worn separate, connecting and disconnecting easily and quickly.

MONCh Gear Box’ first test (of three) consisted of taking the main backpack (71x29x20cm) on a short 32 hour trip, testing it in its smallest form. The wearer has the opportunity to compress the backpack with the detachable compression straps on the side, while the two outer pockets can be adjusted with bungee cord making packing as flexible and individual as possible. It can be further compressed with a zipper making the backpack interior correspond to an even smaller pack. There are two smaller easy-to-access zippered pockets to store small gadgets or mags.

Its main compartment and drawstring central divider provide internal storage flexibility for almost any type of item one may need. The front opening can be completely pulled up, a so called clamshell, providing a loading capability of a suitcase. Load space being excellent, one finds room for things as diverse as laptops, SATCOM gear, mortar rounds and MANPACK radios. The full clamshell opening provides excellent and easy access to everything inside, as well as access to all the gear one shoves in there along the way.

The Modular Sniper Pack 45 meets all the requirements for a heavy-duty mission and is made of robust INVISTA 700DEN Cordura, that can be thrown, tossed, scraped, drowned and beaten up without giving in. 700DEN Cordura combines the high wear and tear resistance of the classic 1,000DEN fabric with the lightness of the 500DEN fabric.

Comfort whilst carrying is supported by the V2 Carrying System and the removable padded hip belt (which, for this 32h “mission,” I stupidly did not employ, which my back was not too happy about). Super comfortable shoulder straps make it an easy carry, though, also for a longer period of time.

There’s an abundance of MOLLE (Modular Lightweight Load-carrying Equipment) webbing ... of which you can never have enough. MOLLE Velcro webbing can also be found on the inside for organisation, which I found a great feature, as it can be tiresome at times to attach MOLLE pouches. All you need here is attach and, when in need, detach.

This of course leads to organisation. In the past, I used to love more pockets, more zippers, more hidden compartments. The thing is, separate pockets and compartments mean extra construction, which equals extra cost plus extra weight, and it takes impressive memory skills if you swap out packs as often as I do. This is where the interior MOLLE Velcro comes in handy as I was able to use my organiser pouches and find gear easily.

The organisation of this pack just makes sense, as the ample amount of pockets fits my gear perfectly. Each pocket and compartment is laid out in a way that is logical. Of course there is room for morale patches.

Now, you’ve all heard the term before; tactical backpack ... it’s hard to avoid, and it’s impossible to deny that “tactical” packs are a trend that is not going away any time soon in the carry world. In the case of Tasmanian Tiger’s Modular Sniper Pack 45, though, it is not just a buzzword, it is a pack used by tactical units, with success. It represents everything that Tasmanian Tiger has learned about the needs of the professional military sniper community, and is a true operations ready pack, derived from lessons learned.

For those users who demand the best, this rugged, durable and modular tactical pack is designed for the harshest conditions. This is review 1 of 3, as we still are testing the detachable weapon case (135x24x6cm), which can be made into its own sniper rifle carrier system by attaching the removable, padded hip belt and the V2 Plus carrying system to it; and of course will test the whole system.

BTW, the removable lid can also be worn over the shoulder on its own with left-over straps once its G-Hooks are detached. As I said earlier, the key word here is Modular! Great stuff.

---

**B&T Brings USW-G17 Conversion Kit**

The USW-G17 Conversion Kit offers the operator the choice of using the pistol in the traditional way as well as with the built in folding stock, while the transition only requires less than a mere second.

Due to its elaborated design, the operator can use the optionally available red dot sight and the original open sights as back up.

The USW-G17 conversion kit fits all Glock pistols with a standard rail (Gen. 3 – 5) in calibres 9x19mm, .40 S&W and .357 SIG. Red dot sights (MOS) may not be mounted.

“There are many carbine conversion systems on the market in which a shooter can mount his or her pistol in order to get something like a pistol carbine,” the company states. “Frankly, the outcome of many of these conversions are neither a pistol nor a carbine, it’s a bulky toy. With the introduction of the B&T USW-G17 chassis, one can convert any Gen 3, 4 or 5 Glock into a true pistol carbine, meaning one can still carry and use it like a pistol, but thanks to the integrated folding stock, one can use it as a carbine with enhanced accuracy.”

This is demonstrated to visitors at booth #12-532 at Enforce Tac.
Meggitt Training Systems is conducting demonstrations of its FATS 100P portable simulator during its first visit to Enforce Tac (stand 12-129). Leveraging key features from the US Army Engagement Skills Trainer II and US Marine Corps Indoor Simulated Marksmanship Trainer programmes of record, FATS 100P delivers a significant expansion in virtual small-arms training capability and is ideally suited for use by European law enforcement departments.

(All Photos: Meggitt Training Systems)

**Meggitt Understanding Europe’s Unique Live-Fire and Virtual Training Requirements**

In an interview with Matt Cunningham, Director of Virtual Systems Sales at Meggitt Training Systems, Enforce Tac Show Daily was informed about the company’s comprehensive portfolio, the significant opportunity of integrated training and FATS 100.

**SD:** What would you say is Meggitt Training Systems’ core strength on offer as a prime contractor in Europe?

**M. Cunningham:** Meggitt Training Systems understands and serves Europe’s unique live-fire and virtual training requirements thanks in part to its regional facilities in Ashford, England and Waardenburg, Netherlands. The company’s comprehensive portfolio enables soldiers and law enforcement officers to learn the fundamentals of weapon handling and marksmanship in a simulator, then continue all the way to live-fire training on the range and in urban shoot houses. Over 13,600 Meggitt live-fire ranges and 5,100 FATS virtual systems are fielded in Europe and beyond, providing judgmental, situational awareness and marksmanship training, especially to those in harm’s way.

**SD:** What segments of Meggitt Training Systems’ extensive Training and Simulation domain will be the business’ main focus going forward?

**M. Cunningham:** Virtual and live-fire training have often been viewed separately and Meggitt Training Systems is ideally placed to serve the individual needs of these markets. However, Meggitt also sees significant opportunity in combining both elements for integrated training. The use of a FATS simulator in our live-fire SHOTT House or mobile RoadRange is one example of this synergy. Another is our recently announced BlueRail technology, enabling customers to use their live-fire weapons in conjunction with the growing FATS family of simulators. With the combination of FATS, SHOTT House and BlueRail, trainees can conduct trial runs using their service weapons in simulator mode, then convert those weapons back to live fire and repeat the exercise with ammunition.

**SD:** Please comment on the marketing strategy for the FATS 100 in Europe. Is this effort primarily intended to support armed forces, or will law enforcement sales be intensified?

**M. Cunningham:** Meggitt Training Systems’ FATS small-arms trainers are widely used by European military forces including the UK MoD, Belgian Army, and Italy’s Army and Air Force. The same is true for law enforcement, where Meggitt has sold simulators to police forces in Denmark, Germany, Ireland, Italy, the Netherlands, Norway and the United Kingdom. Today’s FATS portfolio – the portable 100P, full-featured 100, immersive three-screen 180 and fully immersive five-screen 300 – provides military and law enforcement procurement officials with a range of options to fit their requirements. Thus, we expect continued strong sales to civil and military customers.

**SD:** Please describe the experience, ‘lessons learned’ and components necessary to develop and manufacture your simulation and training devices.

**M. Cunningham:** Meggitt Training Systems employs more than 400 people at its headquarters in Atlanta, Georgia (USA) and at facilities in Canada, the United Kingdom, Netherlands, UAE, Australia and Singapore. It can deploy service personnel anywhere in the world for instructor training, system installation and maintenance. Many employees join the company from the military and law enforcement, bringing first-hand experience with small-arms training requirements, technology and doctrine. This intellectual property is key to Meggitt Training Systems’ ability to anticipate and meet customer expectations through internal research and development, followed by in-house manufacturing and product support. One example is our BlueFire line of wireless weapons. More than 300 weapon types have been converted by Meggitt, replicating form, fit and function for the most realistic training experience.

**SD:** What do you expect from Enforce Tac 2019?

**M. Cunningham:** Meggitt Training Systems will display at the IWA Outdoor Classics event for the fourth year, but this is the company’s first time at Enforce Tac. By participating in these shows, the company is increasing its European presence, not only in the military and law enforcement markets, but also the commercial one for retail shops with ranges and gun clubs. We encourage Enforce Tac 2019 attendees to see on stand 12-129 how the portable FATS 100P simulator facilitates training resource sharing among units, as well as enables field deployment for easy set-up in a room that’s not a dedicated training space.

**SD:** Thank you.
In an interview with Holger Stockey Stoof International Vice President International Sales, Enforce Tac Show Dailies was informed that under the patronage of the company's owner, Mr Fred Stoof, Stoof International became an established and highly reputable manufacturer for tested and certified special protection vehicles world-wide.

SD: What is it about Stoof International's key capabilities that make the level of achievement you have sustainable for today's military customer?
H. Stockey: Having all relevant capabilities in-house – from R&D, engineering, over manufacturing and world-wide service, provides Stoof International with the key features to accommodate each client's individual demands; combined with decades of tested and certified solutions for special protection vehicles.

SD: Geographically, where do you see the biggest demand for your products, and what is driving this demand?
H. Stockey: Government agencies and International Organisations have an ever growing demand for tested and certified commercial armoured vehicles, also in the light of their duty of care for their deployed service personnel. This demand is caused by the rise in international conflicts and higher demand for missions to such crisis zones.

SD: What are the key market drivers and restraints in the land forces market at present, as far as Stoof International is concerned, and how can the company surmount such restraints?
H. Stockey: Today's clients are much more demanding in respect of blast protection. Stoof International lives an active dialogue with its clientele to
always provide the highest available protection, both ballistically and IED/blast-wise. Significant funds are invested in R&D to obtain such protection.

SD: How do you deal with customer and end-user feedback?
H. Stockey: Active dialogue with customers and end-users enables us as a company to provide the right solutions and tools. Only when listening to and talking with our customers real-life solutions can be realised.

SD: Enforce Tac Show Dailies understand that you will be featuring a new vehicle as an Integrative Dismounted Complete Solution at the show. Please explain.
H. Stockey: From our active client discussions we learned that there’s a high demand for a solution enabling observation teams to fulfill their mission in safe and efficient way. Stoof International combined several single products into an easy-to-use platform allowing the rapid deployment and installation of an observation post, including independent power supply by a fuel cell. The observation team can operate vehicle-power independent for several days, depending on the mission.

SD: In terms of the future growth and sustainment of your products, what would your priority goals be?
H. Stockey: Stoof International has a highly skilled and experienced service team which operates world-wide with year-long trusted network partners. We’re actively extending our partner network to service our clients even better and more efficiently in the near future.

SD: How much percentage do you put into R&D?
H. Stockey: A medium single digit amount of turnover.

SD: When tackling tomorrow’s demands on the battlefield, can MRO (Maintenance, Repair, Overhaul) function as a way to extend vehicles’ combat performance as well as enhance their suitability and readiness for new mission scenarios in a cost-effective way?
H. Stockey: Active MRO is a key to enhance the vehicles readiness and life-time. A key part in this process is the training of clients personnel, both on the mechanical side as well the vehicles drivers. Stoof International already established such training programs with selected clients. We’re looking much forward to share this very positive experience with further clients.

SD: What are a priorities on the horizon?
H. Stockey: R&D will continue to play a key part to provide the right solutions and products for ever-demanding clients. Also we are working on further partnerships for integrated solutions with selected companies. And finally, being there with a physical presence where our clients have long-term deployments will be expanded.

SD: Thank you.
European Debut for Qioptiq’s DRAGON-S12

British photonic product and solutions provider Qioptiq, an Excelitas Technologies company, is exhibiting its new DRAGON-S12 in-line weapon sight on stand 12-377 for the first time in Europe during this year’s Enforce Tac.

The new DRAGON-S12 is a thermal sight specifically for sharpshooters and snipers, and its in-line configuration allows personnel to retain their preferred optical day sight and simply place the Qioptiq sight in front during both night and visually-degraded operations. Militaries are now demanding more accurate target identification at greater ranges during night operations, matching the performance and reliability of day optics.

The company said the 1x magnification DRAGON-S12 is a response to a “recent shifting trend” to in-line configuration, which means the shooter does not have to swap scopes and so rifle zero and other settings that the user is familiar with, are retained.

The sight utilises a 640x480 format 12μm, 60Hz uncooled thermal sensor coupled with a near silent shutter, which delivers world-leading sensitivity and uniformity. With the DRAGON-S12 attached, military and law enforcement snipers now have a lightweight and rugged thermal sight that delivers high performance and reliability for 24 hour surveillance and target engagement.

The DRAGON-S12 can attach to a rifle using standard Picatinny MIL-STD-1913 rail or STANAG 2324 NATO accessory rail via a quick release throw lever. According to Qioptiq data, the sight weighs 850g (without batteries) and can be powered by three 1.5v AA batteries for over 7 hours of continuous operation.

In addition, the company will exhibit its MERLIN-LR (Long Range) image intensified sight. This is a lightweight vision adaptor for both military and law enforcement snipers and sharpshooters, giving them the capability to retain their day scopes.

Keep Going with Woolpower

Staying warm and comfortable is key to maintaining optimum performance during missions and ensuring personnel do not suffer from cold weather injuries. It is for this reason that forces demand the best from their cold weather clothing.

Swedish company Woolpower is presenting a range of its popular cold weather garments at this year’s Enforce Tac at stand 12-524, through German distributor Scandic. The garments, including - tops, trousers, headwear and socks - are in use with both US and European forces, including here in Germany with Special Forces units, the regular army and law enforcement personnel.

German Army personnel currently receive the garments when deploying overseas but plans are afoot to equip every soldier in army with the warm clothing. Around 500,000 garments have been delivered over the last ten years.

Woolpower uses a unique material called Ullfrotte Original that was developed in the early 1970s in collaboration with the Swedish Army and their requirements for robust cold-weather clothing. Jesper Rodig, CEO of Scandic, told Enforce Tac Show Dailies that the material is made up of two-thirds merino wool and one-third man-made fibres.

“One hundred percent merino just wouldn’t last,” said Mr Rodig, noting that the synthetic fibre gives the material strength and allows for better sweat management. “You can have it on for days and take on a lot of moisture without feeling wet and it doesn’t smell.”

Ullfrotte Original is knitted so that one side of fabric is flat, while the other side that touches the skin has terry loops that move moisture from the skin, while also trapping air to aid with retaining heat in cold conditions. Tops and underwear are available in 200, 400, and 600 on the insulation scale (merino wool per square metre), while the socks can also go up 800 on the insulation scale.

The company also offers Woolpower LITE, which is a thinner fabric that can be used all year round and used as a base layer underneath the thicker Ullfrotte Original fabric, keeping personnel toasty in the winter and cool in the summer.

vhf Defence Rebrands as VECTED

At EnforceTac 2019, the Zirndorf-based electronic components specialist formerly known as vhf defence will appear in new guise, launching its rebranded self as VECTED.

The name change is aimed at placing even greater emphasis on its engineering services. The name VECTED derives from: Vision – Engineering – Customised – Targeting – Electronic – Defence: the epithet ‘Engineering Advantage’ – the company’s motto – communicates the reasoning behind the change of name – to reflect the company’s know-how in product development and tailored engineering services.

Specialising in customer-specific electronic components, VECTED’s engineering expertise and long experience has helped it develop a broad portfolio of propriety products. These include modules for micro-displays, used in systems such as head-up-displays, binoculars and riflescopes, as well as a broad range of products in the field of thermal imaging technology, ranging from devices with a large field of vision for the immediate environment to systems that can be used at a distance of several kilometres.
5.11 Unveils New Products

5.11 Tactical, a global innovator of tactical apparel and gear, unveiled an impressive lineup of new products at SHOT Show 2019, which are being shown at Enforce Tac 2019 as well. The 2019 product line features new packs, apparel and footwear for both professional and outdoor consumers. Common themes running through 5.11’s 2019 collection are innovation, customisation and versatility. From packs to pants, to footwear, EDC accessories and luggage, 5.11 revamped several collections with new product offerings as well as updated best sellers.

“5.11 relies heavily on end-user testing and feedback in the design of our products, and we had been fielding a constant request from operators to build versatility into our new 2019 product range,” said 5.11 Tactical CEO, Francisco Morales. “In addition to mission-specific gear, operators are looking for products that perform across a wider range of missions and adapt to users preferences – be it on-duty, heading to the office, or off to a training environment – with complete ease. Our 2019 product range offers our users easily customizable and feature-rich products that tackle the challenge of versatility.”

Expanding on 5.11’s popular ever-versatile AMP (All Missions Pack) line, the AMP10 Backpack for Spring 2019 is a 20l workhorse. Small but mighty, the AMP10 offers countless options to customise how gear is carried. In addition to 5.11’s HEXGRID load-bearing system, the AMP10 features internal webbing loops and compartments for smartphone devices and a CCW. An intuitive fastener attaches the shoulder straps to the pack and allows users to quickly transform the AMP10 into a cross-body sling pack, adding another versatile bonus. 5.11 also introduces the LV18 backpack as a low-vis option that’s high on tactical features. While the profile of the pack is simple, internal organisation choices are endless. The LV18 launches in Spring 2019, accompanied by a smaller sling pack model, the LV10 and a versatile crossbody/waist pack model, the LV6.

For Fall 2019, 5.11 launches its ultra-customisable Range Master Pack and Bag Collection. These bags keep users highly organised and ready with all shooting gear safely and easily stored, featuring a customisable storage system and compression moulded EVA construction. The collection is offered in three sizes: Qualifier, Duffel and Backpack, with each style engineered to fit within the family of Range Master Pouches which are designed for pouch-in-pouch organisation, stacking, and easy travel. Stand-alone pack and the innovative All Missions Rig, a low-profile, customisable, expandable solution to carry your essential gear. Apparel offerings for 2019 will reflect 5.11’s reputation for innovative, comfortable, dependable clothes with one of the leading product stories being an update to the pants collection. The ABR Pro Pant reflects the evolution of the 5.11 TACLITE Pro Pant and is designed to tackle both on-duty and off-duty days. Nine total pockets, reinforced knees and seat fade-resistant tool strap, and 5.11’s trademark tool strap maximise utility, while FlexLite stretch ripstop fabric and an updated fit offers lightweight comfort and the utmost in durability.

Other notable additions to 5.11’s pant collection include the CAPITAL and ICON pant for Fall 2019. The new models take cues from best-selling pants APEX and STRYKE, with updated construction and features. The new pants are designed to tackle both on-duty and off-duty days. Nine total pockets, reinforced knees and seat fade-resistant tool strap, and 5.11’s trademark tool strap maximise utility, while FlexLite stretch ripstop fabric and an updated fit offers lightweight comfort and the utmost in durability.

Footwear innovation from 5.11 in 2019 spans stylish lifestyle models to evolved professional-grade boots. On the lifestyle side, the NORRIS Sneaker and APEX 6in Wedge update classic silhouettes with 5.11’s rugged performance. The Norris Sneaker has the look and feel of a high-top skate shoe, with an Ortholite footbed for long days on your feet and a Vibram sole for superior traction. The NORRIS is ASTM certified for puncture resistance, withstanding roughly 300 pounds of force to puncture the sole. The APEX Wedge is inspired by 5.11’s workhorse APEX boot in a casual work boot with a classic leather lace-up and a contemporary wedge sole from Vibram that’s shock absorbent, lightweight and comfortable.

Moving into 2019, 5.11 Tactical features a revamp of several accessory categories including travel luggage, belts, sunglasses, wallets, and gloves. The brand’s best-selling CAMS, SOMS, and Mission Ready rolling luggage will all be receiving 3.0 versions with newly reinforced and replaceable parts. 5.11 is also debuting a smaller roller bag called the Load Up 22in Carry On with incredible capacity and functionality given the size.

On the professional side, the A.T.A.C. 2.0 boot line update continues with the addition of new models. The 2.0 will be substantially lighter weight without compromising safety and performance in the most unforgiving environments. 5.11 expands on its partnership with The Woolmark Company in 2019 offering a Class-A Poly/Wool Cargo Pant to the line. The new cargo pant will boast the same benefits of the rest of the Australian Merino Wool collection including managing moisture, odour control and stain resistance.

Also new for professional wear in Fall 2019 is the Class-A Fast-Tac Twill uniform for men and women. These 100% polyester long and short sleeve shirt options along with the twill pant delivers 5.11’s signature performance and professionalism on the job at a competitive price point.

Finally, 5.11 is debuting a new colourway, Desert of its Geo7 Camo collection first launched at SHOT Show 2018. With the success of Geo7, 5.11 is meeting the demand from departments and agencies both in the US and internationally to have a lighter colourway suited for a broader desert type environment.
At Enforce Tac on booth 12-328, Bonowi says: “Our Camlock Baton - short expandable baton - has set new standards, worldwide. Today the Camlock baton is a well-established and standard Police equipment associated tool. Even 16 years after its introduction to the market, we are still recording a growth in annual sales of this unique product.

With the MULTIBRIDGE we are now introducing the next generation of this operation tool! With the Multibridge module, three tools merge into one with maximum efficiency. Camlock baton, pepper spray and tactical light! This opens up completely new possibilities in respective situations of use, regarding self-protection as well as de-escalation. With the exception of the 16” model, every Bonowi Camlock baton can be back fitted with this innovative addition!”

Armsan, a leading manufacturer and exporter of firearms from Turkey, has come to Nuremberg this year to display its range of smoothbore shotgun technology on stand 12-427, including the company’s latest automatic RS-S1 which has entered service with the Turkish Armed Forces.

Resembling an AK-type configuration, the RS-S1 is a magazine-fed 12 gauge shotgun that fires 3in cartridges using either five-round or ten-round capacity magazines in both semi-automatic and full automatic firing modes. Details provided by the company state that the shotgun weight is around 3.7kg and can come in three barrel options: 47cm (18.5in) / 51cm (20in) / 61cm (24 inches).

Other options for the shotgun include either a telescopic folding stock, a monoblock stock, or a wooden stock and foregrip combination, the latter giving the weapon an AK-style appearance. According to the company, the RS-S1 features a gas operated rotating bolt system that provides, “excellent performance even with [the] lightest cartridges.”

Other features include an adjustable rear sight as well as a 7-inch MIL-STD-1913 Picatinny Rail in the 12 o’clock position for the attachment of accessories such as optics and laser light modules.

Armsan also has several other shotguns in its repertoire including the semi-automatic RS-A2 and RS-A3, as well as the pump-action RS-X3. The company was founded in 2006 in Istanbul and now celebrating 10 years in its dedicated state-of-the-art facility where 150 staff work in a 7500m² closed area. Armsan can produce 5,000 units per month at this facility and has co-production agreements with several leading manufacturers including American Mossberg, American Weatherby and French Verney-Carron.

Shotgun models of these world-famous brands are manufactured, assembled and packaged in Armsan’s Istanbul premises. As part of its worldwide reach, the shotgun specialists also have active distributors in over 40 countries spanning six continents.
Aimpoint Debuts ACRO P-1

At SHOT Show 2019, Aimpoint debuted its ACRO P-1, developed for use on pistols and other weapon platforms requiring a small enclosed red dot system. It is a sight in its size category fully tested for shock, vibration, temperature span and other environmental stress.

The ACRO P-1 is one of the smallest enclosed systems on the market, tested with 20,000 rounds on a .40 cal pistol slide. This small optic has been proven in ruggedness and reliability and can be used as a backup sight for magnifying scopes, personal defence weapons, and any area where a small red dot system is applicable.

Optimised for pistol and applications which require a low profiled dot system, it features over 1-year battery operation on position 6 of 10. It furthermore enables battery installation while optic is still mounted on weapon and is NVD compatible, as well as submersible to a depth of 25m (82ft).

At 47x30mm (1.9x1.9in) it weighs 60g (2.1oz) including the battery, while no optical signature is visible at a 10m distance, front side, on appropriate settings. Peak Wavelength: 650 ± 15nm

“ACRO P-1 creates a new standard for reflex optics for use on handguns,” said Aimpoint AB President Lennart Ljungfelt. “This revolutionary sight provides the most rugged and reliable sighting solution for its size and application currently available.”

This new sight mounts directly to the optics-ready slide cut present on modern pistols, utilising a one-piece adapter plate. The ACRO P-1 features a 3.5 MOA red dot reticle, and digital intensity adjustment switches than can be manipulated while wearing gloves. The battery can be changed without removing the sight from the firearm or loss of zero. A single CR1225 battery provides over one year of continuous operation and is compatible with night vision devices.

Andres Industries TILO-6 Makes You See at Night

Andres Industries’ TILO-6 is one of the smallest thermal imaging spectacles in the world with 640 pixel sensor resolution.

These extremely small thermal imaging spectacles with a length of only 5.8cm and a weight of less than 130g, have, in the most powerful version, a sensor resolution of 640×512 pixels with a thermal resolution of up to <40mK.

Like the smaller TILO-3, the new TILO-6 can also be attached to the emergency helmet or to the head with a strap. There it serves not only as thermal imaging spectacles but also as tactical head lamp. It is equipped with different colour-ed LEDs (up to 160 lumen).

It features a 640×512 pixel 60Hz sensor resolution microbolometer at <40mK temperature resolution; works at -30° to +60°C and is IP68 rated with an impact protection of MIL 810F 516 IV (26 fails from 1.22 metres).

With the 3x magnification lens one increases the range of the thermal imaging device considerably. The special thing about this lens is that despite the 3x magnification there is no noticeable loss of dynamics. The image remains high in contrast even in unfavourable thermal conditions. Even though this lens can also be used for other thermal imaging devices, it achieves this high image quality only in combination with the TILO series, because only the TILO can cope with such a small lens system, which in turn is due to the high thermal resolution of the sensor. Finally, the magnification lens covers the entire lens surface of the TILO and there is no “light loss” (heat loss).

Made of space aluminum and black hard anodized, the new battery extension for the TILO is resistant and scratch-resistant. If this is screwed to the TILO instead of the normal battery cap, either two normal batteries or an extended battery e.g. TILO Rechargable Battery can be used. The operating time of the TILO can thus be more than doubled hours.

Live-Demo in Virtual Reality

Ende 2019 entsteht in Mainz das modernste Schieß- und Trainingszentrum in Deutschland. Das International Training Center bietet auf 10.000 m² ein Schulungszentrum, einen Farbmarkierungs-/Laserbereich sowie 4 dynamische und mit dem Kfz befahrbare Raumschießanlagen.

Bitte informieren Sie sich bei uns am Stand.
Standards
Khales K318i Achieves Highest Performance

Tactical riflescopes today are more than just an optical tool to aim at. They need to be designed to allow for precise handling and long distances. They need to be easy to use also with gloves and precision is a must.

Khales’ K318i ultrashort and lightweight riflescope with wide field of view and high contrast image can be seen at Enforce Tac 2019. (Photo: Khales)

Atlas Taktik Displays Riot Gear and Training Kit

Specialist distributor Atlas Taktik by B.U.K. is using this year’s Enforce Tac to showcase various high quality equipment it can supply rapidly to elite military and law enforcement units in Germany on stand 12-122.

Atlas Taktik is currently working with Finnish company CPE to offer riot equipment, ballistic protection and training equipment for German end users. CPE is one of the leading brands in this area supplying in over 20 countries including the US and other NATO forces. For riot training the company, through Atlas Taktik as its official German distributor, can supply training suits for full contact drills, strike pads, training batons and training weapons.

All CPE’s riot equipment components are certified according to the German Riot standard VPAM KDIW ed. 2011 and the British standard HOSDB 2007.

Udo Kummer, CEO of B.U.K., with 15 years Special Forces experience, told the Enforce Tac Show Daily that his company specialised in smaller scale procurement for decentralised units. A key driver for the distributor is ensuring high quality and also getting equipment into the hands of personnel quickly.

“We are always looking for quality, that’s very important,” said Mr Kummer. “We have direct contact with the end users so we know what they need, and it is all about quality.”

Atlas Taktik also manufactures a training pistol for police and soldiers to practice loading with standard magazines, removing the risk of using real weapons and possible accidents. The dummy pistols are replicas of the Heckler & Koch P8 and are designed for all holsters. (Photo: Grant Turnbull)

Khales K318i Achieves Highest Performance Standards

Khales’ K318i packs optical and mechanical perfection into an ultrashort design, with precise illuminated reticles in the first focal plane, sharply defined throughout the entire magnification range and the company’s TWIST GUARD windage. Starting April 2019 this will also be available with a left side windage and in MOA version.

To achieve highest performance standards despite short-build design it took many years of development and the latest technologies. For example, the complex lense system, the use of special glas types or the innovative etching technology, which is required to provide precise illuminated reticles in FFP according to Kahles standards. Thereby the optical system with its wide field of view and the brilliant, exceptional high contrast image sets new standards for ultrashort riflescopes.

The rugged K318i with its practical magnification range, has been developed for tactical use and long distances. It is intended to help ambitious shooters to achieve record performance. The clearly defined, precise clicks, together with the exceptional repeat accuracy provide highest precision and reliability. The Kahles exclusive arrangement of the operating elements with the parallax wheel integrated in the elevation turret, enables easy handling. All operating elements provide maximum grip and can also be used with gloves comfortably. The essential information on the turrets is clearly readable from the aiming position. And the large adjustment range provides enough reserve for each situation. Consequently, at competitions, the shooter can fully concentrate on the essentials.

The innovative, patented TWIST GUARD windage with its freely rotating end cover, reliably prevents an accidental movement of the windage. This simple solution does not only protect the windage from accidental movement, it also allows the shooter a fast and unhindered handling of the windage without cumbersome need of “locking” and “unlocking.”

The Allen key for zeroing the turrets, numbers to those little, practical details. It is housed in the cap of the illumination unit and therefore always available. Hence the illumination unit can easily be opened without any tool.

FN SCAR-SC Now Available in .300 BLK Calibre

Some new features from FN Herstal, one of the world’s leading designers and manufacturers of small arms, alongside the entire FN SCAR range and many more FN products dedicated to Law Enforcement and Security can be viewed at the FN Herstal booth #12.0.538.

At the end of 2017, FN Herstal launched its new FN SCAR-SC Subcompact Carbine in 5.56x45mm (.223), especially designed for Law Enforcement personnel. A variant of the weapon is introduced officially to the market at Enforce Tac. The FN SCAR-SC is now also available in 7.62x39mm (.300 BLK) calibre, featuring a standard telescopic buttstock and is available with a wide choice of buttstock types and accessories to accommodate the specific needs of the users.

Additional developments will include all FN SCAR carbines and rifles being now available with a receiver with Picatinny type side rails or KeyMod receiver.

Also showcased on FN Herstal booth, is the FN SCAR-L rifle recently selected by Bavarian Police as their next rifle (Mittelstandswicke). The semi-auto weapon features a 13in barrel, KeyMod receiver and RFID tag integrated into the receiver. The RFID tag is an in-house-designed electronic system developed by FN Herstal that allows digital identification of the weapon, hence enabling optimized inventory and in-and-out management of the weapon fleet. The RFID tag can be integrated in any FN SCAR weapon, including precision rifles.

FN SCAR-L with foldable, adjustable buttstock and KeyMod receiver. Model selected by the Bavarian Police. (Photo: FN Herstal)
At booth #12-461, body armour specialists TenCate Advanced Armour showcases several of its personal protection solutions - including lightweight ballistic plates and specially-designed ballistic shields - with an eye towards German end-user requirements.

Among its product on show, the company displays the state-of-the-art TenCate Multi-light CXP-451 SA hard armour inserts for ballistic vests and plate carriers. These lightweight hard armour inserts are just 900g with a thickness of 1.90cm (0.75in) and can come in three shapes: flat, single curve, and multi-curve.

The company states that the low weight and decreased thickness of the hard armour inserts allow operators to retain tactical mobility, manoeuvrability and comfort while delivering a high level of protection. “The premium hard armour inserts combine the lightest and strongest materials available, including boron carbide or silicon carbide and high-performance fibres,” said the company.

The protection standard is VPAM 6, meaning the armour inserts can withstand a 7.62mm PS Ball round. The company states that the armour also covers “the upper scale of protection from NIJ level III up to and including NIJ level IV.”

TenCate Advanced Armour also displays its premium lightweight, handheld portable shield, the TenCate Targa-light CXP-800 TL. The single curved shield weighs just 17kg in its operational weight and can mount a range of auxiliary equipment such as day, night and infrared cameras as well as various lights, including lasers, LEDs and IR illuminators.

The handheld anti-ballistic shield is shaped ergonomically and is fitted with special handles to alleviate user wear. With protection standards of NIJ level III & IV, it can protect personnel from a range of projectiles including: .30-06 APM2; 7.62x54R API B32; 7.62x51 M61 (AP P80); and 7.62x51 M80 (NIJ III).
Secubit WeaponLogic for Sweden

Secubit is to continue to supply the Swedish Armed Forces, the company announced on 28 February, by delivering its WeaponLogic Ecosystem, an AI-driven set of tools using advanced algorithms that gathers and analyses comprehensive weapon usage data in real time. The new partnership is a continuation of a previously signed seven-year agreement to supply systems for the Swedish Defense Material Administration Weapon Logic, compatible with a range of weapon systems already in Swedish service, facilitates data-driven maintenance and smart weapon inventory management, based on actual usage data gathered by constantly reviewing each weapon, providing tactical optimisation of a 99% for shot accuracy. The agreement was facilitated in partnership with Promoteq, a leading Swedish provider of safety and medical equipment to government and law enforcement, including the Swedish armed forces and national police. “The WeaponLogic Ecosystem will enable the Swedish armed forces to revolutionise their weapons arsenal maintenance procedures with a far more cost-effective, usage-based system,” observed Secubit CEO, Itay Weiss. “The continuation of this agreement highlights the need for sophisticated weapons maintenance systems based on preventive measures. We look forward to continuing our partnership with the Swedish armed forces to ensure their weapons arsenal is in optimal condition and at a lower cost.”

The “budget friendly” TI-GEAR family of thermal sights includes three distinct compact models to handle a range of mission requirements - known as TI-GEAR - at this year’s exhibition and is treating visitors to live demonstrations throughout the show at stand 12-342.

The DECT Award winner 2018/19 was awarded to CT-DECT Multi from CeoTronics

The DECT Award 2018/2019 have been announced: At the end of February, the award winners were selected from a top-class jury and presented at the openD Launch conference in Nuremberg during an invitation of the Fraunhofer Institute. CeoTronics was bestowed with the DECT Award Innovation Award for the CT-DECT Multi and emerged as the winner from a field of strong competition. Products from Motorola and Senneheiser followed in second and third place.

The CT-DECT Multi is fitted with new CT-ComLink technology, giving users maximum flexibility in their choice of headsets. Lightweight in-ear headsets or high-noise headsets are just two examples of use, and helmet systems for high-noise areas can also be connected. CT-ComLink technology detects the connected communication solutions and allows for the optimal audio configuration.

GSCI Showcases Newest Thermal Imaging Sights

Canadian optics specialists General Starlight Company Inc. (GSCI) is showcasing the newest in its series of cost-effective thermal imaging sights - known as TI-GEAR - at this year’s exhibition and is treating visitors to live demonstrations throughout the show at stand 12-342.

The CT-DECT Multi, a mobile, digital, full-duplex communications system, was awarded the DECT Award Innovation Reward, and is at Enforce Tac 2019. (Image: CeoTronics)

CT-DECT Multi from CeoTronics

The DECT Award winner 2018/2019 have been announced: At the end of February, the award winners were selected from a top-class jury and presented at the openD Launch conference in Nuremberg during an invitation of the Fraunhofer Institute. CeoTronics was bestowed with the DECT Award Innovation Award for the CT-DECT Multi and emerged as the winner from a field of strong competition. Products from Motorola and Senneheiser followed in second and third place.

The CT-DECT Multi is fitted with new CT-ComLink technology, giving users maximum flexibility in their choice of headsets. Lightweight in-ear headsets or high-noise headsets are just two examples of use, and helmet systems for high-noise areas can also be connected. CT-ComLink technology detects the connected communication solutions and allows for the optimal audio configuration.

Following the award ceremony, the winning products were presented at Embedded World 2019 - DECT Forum in Nuremberg, a week before Enforce Tac.
Demonstration Area
This is where the action is! Experience the latest developments in security equipment and official agency purposes with exciting live presentations.
Presentations are in German, unless otherwise noted.

10:00-10:20h Narcotics? Explosives?
Chemical warfare agents? Precursors? Sugar?
Dr. Alan Tanovic - analyticon instruments gmbh

10:30-10:50h Modulares Gurtssystem MGS
(Modular Belt System)
Axel Manz, md-textil

11:00-11:20h Petzl Personal Escape and Intervention
Systems from Hights
Benjamin Siebrecht and Marek Proba,
PETZL Deutschland GmbH

11:30-11:50h You suck at shooting
and we have the data to prove it
Austin Allgaier, Mantis

13:00-13:20h Neue Einsatzmittel für Polizei,
Sicherheitsdienst und Personenschutz
(New Operational Equipment for Police,
Security Organisations and Personal Security)
Thomas Nachtigal,
NEXTORCH Deutschland GmbH

13:30-13:50h Multibridge – the innovative extension
for the Bonowi CAMLOCK baton
Nick Hein, Bonowi IPE GmbH

14:00-14:20h FN EXPERT -
Marksmanship Training System
Kristof Verjans, FN HERSTAL

14:30-14:50h 3D laser scanning for surveying tasks
in the security sector
Andreas Hofstötter, RIEGL

15:00-15:20h Simgun - Laser-Duell-Simulation
Marco Hoffmann, Simgun GmbH

15:30-15:50h Tactical ascent, securing and access
Michael Berk, SKYLOTEC GmbH

16:00-16:20h Digitising Situational Awareness,
How to Connect
Simon Coverdale, Glenair

European Policetrainer Conference PiD
The European Policetrainer Conference (EPTC) is a two-day combination of lectures and professional training for members of official agencies with security and law enforcement responsibilities (police, judiciary, customs, etc.) and the armed forces.
EPTC is organised by the Policetrainers in Germany Association in cooperation with NürnbergMesse.
Presentations are in German, unless otherwise noted.

09:00-09:20h Welcome Address
Eckhard Niebergall (PiD Team);
Werner Suessmann, Leading Police Director

09:20-09:50h Self Proclaimed Islamic State (ISIS)
Militarily Defeated …
Bernd Pokojewski (PiD Team)

09:50-10:20h Attacks on nuclear facilities –
utopia or real threat
Ralf Schmidt (PiD Team)

10:20-10:50h Coffee Break

10:50-11:20h 12 minutes – 9 deaths and numerous injuries
Prof. Dr. Britta Bannenberg

11:20-11:50h The Reality of School Violence
Steve Johnson

11:50-13:45h Lunch Break

13:45-14:00h Scanner for hidden objects directly
during operation
Dr. Alan Tanovic, analyticon instruments gmbh

14:00-14:30h Police middle range weapons –
situation update
Ralph Wilhelm, B&T AG

14:30-15:00h Coffee Break

15:00-15:30h Use of firearms in knife attack –
a case analysis
Dr. Dirk Scherp

15:30-16:00h G20 in Hamburg – A new form of militancy?
Lars Lapper

16:00-16:30h Defence against attacks by militant groups
with less than lethal means of action
Eckhard Niebergall (PiD Team) &
Ralph Wilhelm, B&T AG

16:30-17:00h Ballistic and wound ballistic aspects of
non-lethal projectile
Dr. Beate Kneubühl/Msc. sc. forense. &
Matthieu Glardon

17:00-17:15h Summary and information for the
Practical Training
Eckhard Niebergall (PiD Team)
Unauffälliger, zertifizierter Schutz

Zertifiziert gemäß höchster internationaler Schutzklassen (VPAM, STANAG)
Gepanzerte Off-Road (SUV) / Gepanzerte Vans (Kleinbusse)
Gepanzerte Sanitätshelfer (MedEvac) / Gepanzerte Trucks (SWAT)

Polizei und Sicherheit braucht Qualität und Zuverlässigkeit

Als traditionsreiches und familiengesteuertes Unternehmen in Brandenburg, produziert und liefert die Firma Stoof International zur Bewältigung von Bedrohungslagen oder für den Transport in gefährlichen Krisenregionen maßgeschneiderte und mit den Bedarfsträgern abgestimmte Sicherheitskonzepte für den Bau und den Einsatz sondergeschützter Fahrzeuge.

Dabei werden auf der Grundlage der von der Firma Stoof International entwickelten Fahrzeugkonzepte und vor dem Hintergrund jahrelanger Erfahrungen und Detailgenauigkeit in ausschließlich eigener, deutscher Produktion sondergeschützte Fahrzeuge nach technischen Anforderungen und Vorgaben der Bedarfsträger sowie nach ballistischen Vorgaben bedarfsgerecht konzipiert, konstruiert, zertifiziert und produziert.


STOOF International · Wurzelweg 4 · 14822 Borkheide · Germany
Tel: +49 (0)33845. 90 316 · Mail: office@stoof-international.de
www.stoof-international.de