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ENFORCE TAC

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(Photo: BuisnessWire)





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Enforce Tac in Nuremberg once again opens its doors to a comprehensive array of exhibitors from the field of internal and external security. This year, it is under the patronage of Federal Chancellor Friedrich Merz.

What makes this year special is the increasing convergence of internal and external security, as well as the defence against hybrid threats. As a driving force for European security, Enforce Tac 2026 will place particular emphasis on drone detection and defence. But there is plenty of room for other critical themes: mobility for complex operations (wheeled, tracked); vehicle innovations (including robotics/UxV); communications technologies; high-performance textiles; thermal imaging, optics and optronics, weapons, ammunition. The event, and its visitors and exhibitors, will be supported – as in previous years – by two Editions of the Enforce Tac Show Dailies, produced by Mönch Publishing Group.

So, Enforce Tac 2026 – as a real „driving force“ – will be the „hub“ for all of those who are engaged in Europe’s security. The event bridges the gap between domestic, defence, economic and foreign policy, because progress arises from genuine and consistently operational cooperation among all security-relevant actors. The organizer of the show, NürnbergMesse GmbH, offers full-fledged expert forums, panels and live demonstrations, products, systems and strategies – all of which are presented in a practical manner.

Stefan Nitschke



Editorial

BDSV

Federation of German
Security & Defence Industries e.V.



The member companies of the Federation of German Security & Defence Industries e.V. (BDSV) are highly qualified suppliers and partners of the German Armed Forces (Bundeswehr) and of the **ministries entrusted with responsibilities regarding national security.**

Our industry is an indispensable part of German security interests and contributes to the **protection and security of Germany’s citizens.**

Booth number 9-430

SECURITY „Made for Germany“



Ladies and Gentlemen:

Welcome to Enforce Tac 2026! The timing and theme of the trade fair – “Networked Security” – could not be more fitting: the fair, taking place from 23 to 25 February, falls on a symbolically significant date. 24 February marks the fourth anniversary of Russia’s illegal war of aggression against Ukraine. This day represented nothing less than a watershed moment in security policy for Ukraine, the European peace order and also for Germany. For the first time in decades, our security is once again directly threatened. Russia is waging a brutal war of attrition, targeting Ukraine’s civilian population in particular. At the same time, Germany is also in the crosshairs of hybrid operations and cyberattacks. Attacks on our infrastructure and businesses are increasing. They threaten our sovereignty, our freedom and our prosperity.

The German government follows a clear principle: we want to be able to defend ourselves so that we do not have to defend ourselves. This is the essence of modern deterrence through strength. Defence is a national and societal responsibility and the foundation for our nation’s resilience and future viability. Ukraine is demonstrating this resilience impressively and deserves our utmost recognition. We stand firmly by its side for as long as necessary.

“Networked security“ thus describes the core of a robust security architecture – with integrated and close cooperation between the German Armed Forces, police and security authorities, civil protection and disaster relief, especially in cyberspace and the information domain, as well as a strong security and defence industry. To make this architecture

a reality, the German government is working on essential framework conditions: with reliable investments, accelerated procurement, industrial policy support and the promotion of research, we are not only supporting our service members but also securing Europe’s technological leadership and strategic autonomy.

Enforce Tac 2026 represents this holistic and integrated security approach. It brings together decision-makers from government agencies, the Armed Forces, politics, academia and industry in a protected environment. With its focus on networked capabilities, operational innovations and international partnerships, it impressively demonstrates what comprehensive defence can look like in practice – from personal equipment to complex system networks. This Federal Government is also pursuing such a holistic and integrated security approach with the establishment of the National Security Council [*Nationaler Sicherheitsrat*; NSR]. I am therefore delighted to be the patron of this highly relevant event this year.

I wish all exhibitors and visitors fruitful discussions and a successful trade fair. Let us use Enforce Tac 2026 as an invitation to shape the future of our security together – boldly, collaboratively and responsibly.

Sincerely,

Friedrich Merz
Chancellor of the Federal Republic of Germany

Foreword



PRÄZISIONSSCHLAG



SkyStriker

Unsere einsatzerprobte und marktverfügbare Loitering Munition kann modular an ihre Mission angepasst werden und wirkt präzise, zuverlässig und kosteneffizient gegen Hochwertziele.

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The Bavarian State Minister of the
Interior, for Sport and Integration



Dear trade fair visitors, Ladies and Gentlemen,

in 2026, our security architecture is more than ever caught in the tension between dynamic geopolitical developments, rapidly advancing technological innovations and increasingly complex threat situations. In addition to the ongoing security policy challenges, hybrid threats are coming into sharper focus. These include disinformation, cyberattacks, sabotage of critical infrastructure and the misuse of modern technologies.

Particular attention is being paid to the increasing proliferation of unmanned aerial systems. While drones offer numerous legitimate applications, they can also be misused for dangerous purposes. This development demands a high degree of adaptability, technological understanding and strategic foresight from our security authorities. It is essential to decisively seize opportunities while simultaneously effectively mitigating risks, so that our security forces are prepared for a wide range of threats and equipped in the best possible way.

Against this background, I very much welcome the fact that the renowned trade fair Enforce Tac is once again offering an outstanding platform for the professional exchange on future-oriented security and defence technologies this year. It brings together experts from government agencies, academia and industry, promotes innovation and provides important *impetus* for the further development of our security structures. The steadily growing number of highly qualified exhibitors impressively underscores the importance of this trade fair as an international forum for security.

The Bavarian Police also benefits significantly from this innovative environment. A modern, efficient and well-equipped police force forms the basis for ensuring the protection of the population at a consistently high level. Therefore, we continuously invest in new technologies, state-of-the-art equipment and the training and professional development of our officers.

At the same time, we are consistently driving forward the expansion of expertise in the detection and defence against new forms of threat – for example, in the area of drone detection and defence.

The Enforce Tac trade fair stands in particular for innovative strength, a sense of responsibility and the close cooperation of all stakeholders committed to protecting our free society.

I wish all participants and visitors a successful event in Nuremberg, insightful discussions and lasting *impetus* for the security of tomorrow.

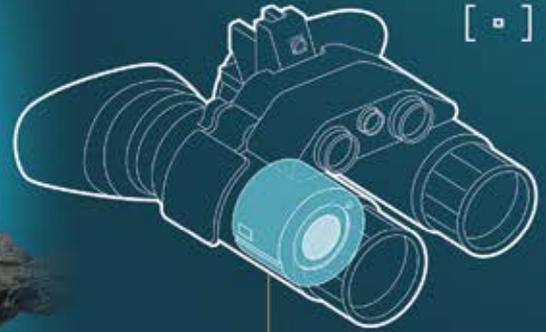
Joachim Herrmann
Bavarian State Minister of the Interior, for Sport and Integration
Member of the Bavarian State Parliament

Foreword



EXOSENS

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TECHNOLOGIES PROVEN IN LARGE-SCALE DEFENSE PROGRAMMES

INNOVATION DRIVEN BY OPERATOR NEEDS AND MISSION REALITIES

EXOSENS: A GLOBAL LEADER IN NIGHT VISION

Innovation as a constant driver

Innovation remains at the core of Exosens' DNA. This is evident in the development of 5G technology, which is a significant technological advancement. Its cutting-edge design delivers superior image clarity, greater detail and improved contrast, ensuring enhanced situational awareness and precision in night-time operations. The 5G's unparalleled performance and exceptional image quality provide soldiers with decisive operational superiority. By continuously pushing technological boundaries, Exosens anticipates the future needs of defence stakeholders and evolving operational environments.

From large-scale programmes to operational deployment

Exosens' night vision technologies are already widely used in major European defence programmes, including the OCCAR programme, where 4G image intensifier tube has proven its reliability, performance and durability. This widespread adoption reflects Exosens' ability to meet strict military requirements and support forces in the long term.

Exosens responds to operational needs and emerging trends

At the same time, Exosens addresses current operational constraints and usage trends. Designed for training missions and beyond, OPS.4 is a reliable and robust night vision solution adapted to today's conflict environments, where versatility, availability and cost-effectiveness are essential. The OPS.4 embodies Exosens' commitment to supporting users at every stage of readiness.



exosens.com



ENFORCE TAC | February 23-25
Exosens showcases night vision superiority for European and NATO forces
Meet our experts at booth 9-436

Dear visitors, exhibitors, partners and colleagues, welcome to Enforce Tac 2026!

It is my great pleasure to welcome you here today. For many of us, Enforce Tac is far more than just a trade fair. It is a place of encounter, of shared learning and forward-thinking. An environment where people come together who take responsibility and who are committed to working for a secure future for Europe. This is where discussions, connections and ideas emerge that have an impact far beyond the days of the exhibition.

At a time when threats and security policy requirements are constantly evolving and shifting, this personal exchange at the highest level is more valuable than ever. Strong networks, trust and the courage to explore new paths form the foundation of effective security architecture today.

The fact that Chancellor Friedrich Merz is taking on the patronage of Enforce Tac this year is a strong sign of recognition for us. He puts it succinctly: *“We want to be able to defend ourselves so that we will not have to defend ourselves. Defence is whole-of-society challenge. It is also an indispensable prerequisite for the resilience and future viability of our country. Enforce Tac embodies this comprehensive approach to security.”*

We sincerely thank him for the trust he has placed in us and for his support of Enforce Tac. His words reflect the core of this year’s guiding theme: networked security means strategically integrating internal, external and cyber security across departments. This is precisely what we strive to achieve – with formats tailored to specific target groups and real-world applications, geared toward the requirements of politics, the military, police, security agencies and industry, in a secure and professional setting.

With the Enforce Tac Conference, we are setting a new course for the future in 2026. Under the guiding theme “Electronics Shaping the Future of Defence,” a platform is being created where the defence industry, the electronics sector, research and suppliers discuss how electronic systems are shaping today’s and tomorrow’s security and defence applications.

The new Armored Forces Area in Hall 11 expands our profile with an exclusive stage for large military equipment, cutting-edge vehicles and mission-critical technologies. It offers unique insights into current developments while also providing space for exchange on innovative technical solutions.

I am also particularly pleased about our close cooperation with it-sa, Europe’s leading trade fair for cybersecurity, for the first time this year. Under the joint guiding theme “Software Defined Defence,” new bridges are being built between cybersecurity, information technology and modern defence technology.

Another important highlight is the new Enforce Tac Inno Stage. More than 30 national and international start-ups will present fresh impulses, bold developments and visionary ideas, impressively showcasing how the next generation is thinking and shaping security.

Enforce Tac is a place where trust grows, where solutions and innovations emerge and where we actively shape the security landscape of tomorrow together. Your participation, dialogue and commitment make this exhibition a strong and vibrant community – a community that takes responsibility and protects Europe’s security and values in a changing world.

Thank you for being part of Enforce Tac 2026!

Warm regards,
Jasmin Rutka
Exhibition Director, Enforce Tac 2026

Connecting minds. Protecting Europe.

Foreword



MBDA

ENFORCER WHEN IT COUNTS.



**Maximum precision, reliability
and minimized weight**

The Enforcer light shoulder-launched guided weapon system can be used to engage a broad variety of targets at ranges beyond the capability of currently available infantry weapons, including fast-moving vehicles and targets behind cover. Enforcer is under contract and ready when it counts.



Capability Report New Contracts for WARMATE Loitering Munition

Hall 6
Booth 363



WB Group's loitering munition offers a viable alternative to anti-tank guided missiles, offering the ability to loiter over the target area for extended periods and engage threats from greater standoff distances. This enables the operator to detect, observe and identify targets with increased decision time and operational flexibility. WARMATE 3 is also capable of signal relay and retransmission and integrates seamlessly with other WB GROUP unmanned platforms.
(Photos: WB Group)

Polish drone specialist **WB GROUP** has signed new contracts for the supply of the latest version of the WARMATE family of loitering munitions. Polish-made strike systems will soon be delivered to users in Asia. The new WARMATE 3 variants feature an extended operational range, enhanced warheads, improved performance in GNSS-denied and jamming environments, and full interoperability with other WB GROUP unmanned platforms.

Under the agreements, WB GROUP will deliver a total of 1,000 WARMATE 3 loitering munitions to non-European armed forces. The orders include the newest variants of the WARMATE 3, characterized by upgraded capabilities and larger warheads. Proven in demanding operational conditions, these systems will be deployed, among others, by a new customer in Asia.

The WARMATE family of systems has been combat-proven in numerous military operations, including high-intensity conflict in Ukraine, confirming its reliability and performance under real-world battlefield conditions. Developed "with the user, for the user" the WARMATE 3 continues to evolve to meet the requirements of current and future operational environments.

WARMATE 3 stands out with extended operational range, upgraded NATO-compliant warheads, and advanced signal relay capabilities, enabling operation in GNSS-denied and heavily jammed environments. The system is fully interoperable with other unmanned platforms developed by WB GROUP, allowing seamless integration within a unified battlefield management ecosystem.

WARMATE 3 is a lightweight, man-portable strike UAV featuring a pusher-propeller configuration. Its modular design allows the use of interchangeable warheads selected prior to a mission according to specific operational requirements. The system requires minimal logistical support and can be transported in field backpacks.

The loitering munition can be fitted with one of three primary warhead types: thermobaric (TB), high-explosive fragmentation (HEFI), or anti-armour (HEAT). Depending on the mission profile, the warhead may be equipped with a day or night camera. WARMATE 3 is launched from a lightweight, portable pneumatic launcher. (str)

Note: WB GROUP is a leading manufacturer of advanced command, communication, and integration systems, and one of Europe's largest producers of unmanned platforms. The company develops, modernizes, and integrates innovative defense technologies in cooperation with a wide range of partners. Drawing on extensive battlefield experience, WB GROUP transforms operational insights into technological achievements and continues to demonstrate its ability to collaborate effectively in the international arena – strengthening European sovereignty and collective security.

For more information:
Remigiusz Wilk, Head of Communications,
media@wb.com.pl

Rethinking Mobile SCIFs: From Rigid Containers to Modular EMC-Shielded Command Posts

Secure command and communication facilities are a critical enabler for modern military operations. In an environment shaped by electronic warfare, signal intelligence, and electromagnetic interference, the protection of sensitive information can no longer be limited to fixed headquarters. Mobile operations, multinational deployments, and rapidly changing mission profiles require command facilities that can be established wherever operational necessity dictates.

For decades, these requirements have largely been addressed through container-based solutions. Shielded containers offer a high and reliable level of electromagnetic protection, making them well-suited for permanent or semi-permanent installations. However, their rigid design, fixed dimensions, and weight, as well as their reliance on transport assets and infrastructure, define clear operational limitations, particularly in mobile or temporary scenarios.



Against this background, Shieldex has introduced a fundamentally different approach with the Shieldex® Mobile Command Post (SCIF). Rather than replacing container-based systems, the concept addresses operational gaps where traditional solutions reach their practical limits.

A Shift in Concept: Mobility Without Compromising Protection

The Shieldex® Mobile Command Post is a mobile, EMC-shielded command facility designed to deliver SCIF-level electromagnetic protection in a lightweight, modular, and rapidly deployable format. The system challenges the assumption that high shielding performance must inevitably be tied to rigid structures and heavy infrastructure.

The Mobile Command Post achieves shielding effectiveness of up to 95 dB across a frequency range of 0.03 to 40 GHz, providing reliable protection for sensitive data and IT communications. The system meets NATO Zone 2 requirements and has been tested in accordance with relevant standards, including evaluations conducted by the Federal Office for Information Security (BSI).

Container-Based SCIFs and Their Operational Boundaries

Container-based SCIF solutions remain an important part of military infrastructure, particularly for permanent or semi-permanent installations. Their rigid structure, fixed dimensions, and high weight, however, limit adaptability and increase transport and deployment effort.

In expeditionary or rapidly changing operational scenarios, these characteristics can delay the establishment of protected command capability or restrict deployment options, often forcing a trade-off between protection and operational flexibility.

Modular Design for Operational Adaptability

The Shieldex® Mobile Command Post was developed to address this tension. Instead of a predefined structure, the system is based on a modular and scalable architecture. Size, layout, and configuration can be adapted to mission-specific requirements, allowing the command facility to be reconfigured as operational conditions evolve.

With a system weight of approximately 30 kg without frame, tool-free assembly and dismantling, deployment and relocation are possible within minutes. The system can be transported on standard pallets and does not depend on permanent infrastructure, enabling rapid establishment of protected command and communication zones where container-based solutions would be impractical.

Integration Rather Than Replacement

The Mobile Command Post is not limited to standalone field use. It can be integrated into existing buildings, mobile shelters, or tent structures to create temporary EMC-shielded zones within otherwise unprotected environments. This allows armed forces to upgrade existing infrastructure without structural modification or extended preparation time.

In this sense, the Shieldex® Mobile Command Post complements established SCIF concepts rather than replacing them, providing an additional layer of flexibility where mobility, speed, and adaptability are decisive.

Operational Relevance for European Armed Forces

For European armed forces operating in multinational frameworks, rapid reaction forces, or expeditionary missions, the ability to establish secure command capability independent of fixed infrastructure is increasingly relevant. By rethinking the relationship between protection and mobility, the Shieldex® Mobile Command Post represents a new category of mobile SCIF solutions aligned with modern operational realities.

Visit our booth 8-119 in hall 8
and discover the Shieldex® Mobile Command Post.
Or scan the QR code to see how fast
and simple MCP deployment can be.



Contact

Tel. +49 421 27 50 47

E-Mail: info@shieldex.de

Hall 7
Booth 747

Special Report Superior Night Vision to Own the Night

Night-time operations for soldiers at the tactical edge have changed dramatically over the past two decades. Today's warfighter – facing increasingly sophisticated adversaries – requires the tools to succeed in various mission sets, in conditions that can change from fog to clear moonlit skies, in area of heavy foliage or drenched in urban light.

Night vision systems with advanced image intensifier tube technology delivers amplified visibility in low-light environments. So, troops can see targets first and engage them before being seen. Night vision technology has also advanced significantly over the years, including enhanced image quality, sensitivity and overall performance to keep up with emerging challenges they face on the modern battlefield. Latest innovation are fused night vision monoculars or goggles.

“Much of the night vision system's performance a user receives depends on the type – and quality – of the tube technology it leverages,” says **Sven Rowley**, Account Management Director Western Europe, **L3Harris Technologies**. “The challenge for defence organizations today is that there are few meaningful industry-wide testing standards that objectively evaluate tubes against each other with quantitative data about important characteristics.”

△ **Above:**
The new NOVA NVG from L3Harris.

◁ **Below:**
Look through the new NOVA NVG.

Photos: André Forkert





 **shapes**

MISSION STABLE.

Pain is a constant factor in modern service life – during long patrols, guard duty in full gear, training days on hard ground and deployments that push the body to its limits. The same overload continues in civilian life: long days on concrete floors, hours of standing at work, lack of movement and years of wear and tear often lead to burning feet, aching knees and tension in the lower back. Shapes was developed to break this cycle as a patented functional hightech solution that supports the body from the ground up. It helps guide the foot into a more anatomically favourable position, distributes pressure more evenly and promotes a more efficient way of walking and standing. This relieves sensitive structures in feet and knees, stabilises posture and can noticeably reduce fatigue and pain in everyday duty and private life.

For tactical personnel, this is more than comfort – it is a question of operational readiness. A more stable stance, better shock absorption and reduced strain on ligaments and joints can make a decisive difference over long shifts, exercises and missions. For civilian wearers, the same principles support long working days in production, logistics, security or office environments, as well as active leisure time with family and sport.

Shapes is engineered in Germany as a hightech training system for healthy, strong feet and has been developed together with therapists, medical experts and movement specialists. With every step, muscles in the foot and leg are activated, posture can improve and many typical stress complaints are addressed at their source.

For professional use, Shapes is available as a specialised "Shapes Tactical Edition", designed for the demands of police, military and security footwear. Shapes Tactical Edition can be integrated into type-approved safety footwear after certification, enabling organisations and manufacturers to combine certified protection with advanced biomechanical support.

Meet us at Enforce Tac, discover this patented hightech solution in person and feel the difference within a few steps – for your units, your employees and yourself. Visit us at Booth 6-448.



ENFORCE TAC
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**BOOTH
6-448**

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A History of Innovation

Image intensifier technology began to emerge before WW II, but the first “generation” (Gen I) tube was not invented until the 1960s. Since then, technology improvements have led to the introduction of several generations of image intensifier tubes, based on US military definitions. Gen II tubes emerged in the late 1970s and expanded mission options while increasing tube resolution and lifespan through improved photocathodes and introducing microchannel plates. Gen III tubes, now widely used in western militaries with enhanced sensitivity for tactical operations, introduced a gallium arsenide (GaAs) photocathode and an ion barrier to the microchannel plates in the 1980s, dramatically increasing resolution, brightness and lifespan.

“As the Trusted Disruptor in the defence industry, L3Harris Technologies goes a step further than competitors to deliver an unfilmed Gen III tube to provide exceptional resolution, even in low light, and a longer lifespan,” explains **Jon Burnsed**, Senior Systems Engineering Scientist, L3Harris. “The removal of the ion barrier and inclusion of auto-gating to manage bright light conditions facilitates higher-end tactical mission sets.”

As there is no military specification to define a “Gen IV”, or even Gen V, designation, such a tube generation does not currently exist, says Sven Rowley. The standard today are still Gen III tubes. One change that is happening, the colour of these tubes is changing from green phosphor to white phosphor. An exception is only made for military aviators, these still need to use green phosphor. As Gen III is still the standard, the main differences are the life time of the tubes and the Figure of Merit (FOM), as a key performance metric calculated by multiplying an image intensifier tube’s Signal-to-Noise Ratio (SNR) by its centre resolution (lines per

millimeter). A higher FOM indicates superior image clarity, better low-light performance and increased target detection range. FOM today can go way above 3.000 FOM, but that has its price. Although the standard for the ‘Green Army’ is 2.200, while Special Operation Forces (SOD) are using 2.400 to 2.600 FOM.

There are several factors that position Gen III tubes – and more specifically, unfilmed Gen III tubes – well above other options in the market. For instance, the GaAs photocathode significantly enhances low-light sensitivity, providing the higher gain needed to covertly operate in ultra-dark conditions without active illumination. The advantage of unfilmed tubes starts at the microchannel plate. The elimination of the input ion barrier film greatly increases durability while reducing risk of shock damage and decreasing halo size. This, combined with the higher-performing Gen III photocathode and the ultra-fine microchannel plate leads to a higher signal-to-noise ratio, resulting in clearer and more detailed images.

There are many interlocking factors that contribute to longer operations life in Gen III night vision goggles, beginning with the ion barrier film. L3Harris’ advanced technology eliminates it completely, while simultaneously extending gain life by years. Other contributors to extended operational life are thermal management, auto-gating and advanced manufacturing techniques.

“Only Gen III tubes from L3Harris – designed to the most advanced requirements and manufactured to the most stringent conditions in the industry – provide the necessary tactical advantage in the darkest real-world environments,” says Sven Rowley. “They have been proven to deliver reliable performance for over 20,000 hours of useful life, especially in the mixed-light urban locations that often define today’s battlespace.”



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Advanced Optronics



Fused Will be the New SOF Standard



(Photo: André Forkerd)

The BNVD-Fused Night Vision and thermal technologies deliver enhanced features and leading-edge capabilities to target, engage and neutralize threats in adverse conditions during day or night

scenarios. When combined with the smart L3Harris battery pack, this helmet-mounted, fused system delivers critical battlefield information directly to an operator's eye. BNVD-Fused is today's most advanced Situational Awareness (SA) goggle. Fused white phosphor and thermal technologies give warfighters industry-leading abilities to more quickly target, engage and neutralize threats, so L3Harris. BNVD-Fused employs image intensification technology fused with thermal imagery to increase capabilities of both of these sensors. This gives operators increased capabilities and features a larger Field-of-View (FOV) and a thermal range – significant improvements over its predecessors. Operators can now rely on better SA for targeting and identification in all battlefield conditions and light levels, and can bring weapon sight images into the goggle and shoot around corners, reducing risk of exposure – speeding operations while increasing soldier safety. BNVD-Fused is based on the combat-proven L3Harris FGE and BNVD/PVS-31A, and is responsive to near IR aiming lasers. This solution is compatible with the L3Harris Smart Battery Pack which adds expanded capabilities including wireless communications and Augmented Reality (AR).

Novelties

The L3Harris Technologies NOVA night vision goggles celebrated their world premiere at the Shot Show 2025 in Las Vegas, and now their European premiere at the Enforce Tac 2026. At least for the American Armed Forces, it is intended to be the new “all-purpose night vision

goggles” of the future for every soldier. According to L3Harris, it also marks the beginning of a new era in night vision technology.

“We are meeting the needs of the US Army, global military forces and security agencies by developing a system that delivers critical night vision capabilities at scale,” says **Brenna Baker**, President of Integrated Vision Solutions at L3Harris. “The NOVA is the night vision system this

DIEHL
Defence

GARMR MRS — C-UAV SYSTEM

**PROVEN SYSTEM.
EXTENDED CAPABILITIES.**

VISIT US AT
Hall 7A, Booth 340



generation of soldiers will think of when someone says ‘night vision’.” The goal: Every western soldier has an NVG so they can dominate the night.

Nowadays, direct combat or frontline units equip themselves with very advanced night vision goggles for their operations. With the NOVA, L3Harris now wants to offer a suitable solution for the remaining Armed Forces. Also, because Ukraine has shown how important superior night vision capabilities are: “The Army wanted something that would stand the test of time, and these glasses meet that need,” **Matt Lufkin**, Director of Product Management at L3Harris, says. “The design of the NOVA system, which is based on the integrated image intensifier tube, is the future of night vision for us,” he underlines.

The NOVA system is the commercial variant of the Binocular Night Observation Device (BiNOD) system developed by L3Harris for the US Army, Matt Lufkin notes. Development of the device began in 2021 with a focus on the Army’s key criteria for replacing the legacy PVS-14: a low-cost binocular night vision goggle that can be used universally and in a unified configuration. Although L3Harris’ latest NVG is targeting a price point that will allow land forces to procure the NOVA system on a large scale, it still offers the features that customers expect. One of the biggest reductions in life cycle costs comes from the easy maintenance and reduced downtime of the glasses. If, for example, an image intensifier tube needs to be replaced, thanks to the new USB-C interface, only four screws need to be loosened to replace the damaged

components and make a functioning system ready for use again. L3Harris continues to expect that Enhanced Night Vision Goggles (ENVG-B) and Binocular Night Vision Devices (BNVD) – with enhanced threat detection capabilities, longer battery life and improved immersion – will be the advanced night vision systems of choice for frontline combat units and Special Forces for the foreseeable future. NOVA is the solution for the remaining parts of the Armed Forces, also commonly referred to as the ‘Green Army’ in the USA.

“The first people to benefit from a NOVA system are the soldiers, border patrol agents or tactical responders who previously did not have high-quality night vision equipment,” Matt Lufkin explains. “NOVA night vision goggles are cost-effective to purchase and operate. They offer these forces more military capability than previously available.” The glasses use 18-millimeter Gen 3 white phosphorus tubes from L3Harris’ own production.

The NOVA weighs 542 grams and can be operated with AA batteries. With lithium-ion batteries, the usage time is up to 30 hours or more. Further features include the adjustable diopters for both tubes, an IR (infrared) illuminator for close range, high gain settings and the automatic switch-off if a monacle or glasses are folded down. L3Harris is developing a technical roadmap for future versions of the NOVA product line, including an improved version with partial head-up display, integrated battery and increased immersion (IP68).

Digital Battlefield Integration with CMNDO



Left:
BNVD-Fused with the Smart Battery Pack and the CMNDO module.
Graphical representations:
L3HARRIS

Right:
Smart Battery Pack with the CMNDO module below.

A particularly innovative element is the CMNDO (Compact Multi-Node Display Overlay) module, which is also attached below the standard Smart Battery Pack on the back of the helmet. It extends the BNVD-Fused system with an augmented reality interface. The module offers the soldier:

- Coloured overlay in the field of vision, providing a 640x480 colour display
- Video streaming capabilities
- Display points of interest (POIs), images, videos and live streams directly in the night vision goggles
- Connection to the soldier system and integration into the radio network via encrypted ultra-broadband

Even without the CMNDO, the BNVD-Fused in combination with the Smart Battery Pack offers a variety of basic digital functions such as GPS, digital compass direction, as well as time and altitude display. By adding the CMNDO module, Points of Interest (POIs), images, videos, or even live streams can be displayed in the night vision goggles and information from the soldier system can be integrated. With this solution, L3Harris currently offers the most modern

and comprehensive night vision system on the market – with the highest display quality and full operational capability. Thanks to the modular expandability, a decision can be made depending on the mission profile as to whether augmented reality is required or not – which enables flexibility and cost savings in troop deployment. The CMNDO is currently being tested in several NATO countries. It delivers real-time information directly into the field of vision – without a wired connection, but with the lowest electromagnetic signature, thanks to the Ultra-Wideband (UWB) networking for real-time, low-emission data sharing, and over 3.5 hours of operation. The CMNDO module weighs approximately 140 grams. The on-body system and goggles are compatible with various radio nets and battle management systems (BMSs), which allows the user to receive information on positions; digital compass headings; time; position, location and information (PLI); picture-in-picture (from unmanned systems); radar plot; battery indicator; and mode indicator. L3Harris local partner in Germany and other European countries is IEA MIL-Optics. The L3Harris solutions and novelties can be seen at their booth, although some solutions can only be shown to official governmental representatives.

Reviewer Israel Weapon Industries (IWI) ARBEL and the Future of Soldier Protection

A mission-proven Counter-UAS (CUAS) solution is the ARBEL anti-drone system. It is described as a cutting-edge, computerized fire control system designed to improve hit probability and lethality on standard AR-15 platforms dramatically. When the shooter pulls the trigger, the first round is discharged mechanically, as in any standard rifle. While the trigger remains pulled, the system begins continuously analyzing the shooter's micro-movements and autonomously times the release of subsequent rounds, firing only when it calculates that the probability of a hit is at its peak. This eliminates the need for complex trigger work, one of the most challenging aspects of marksmanship in dynamic scenarios, allowing the shooter to focus entirely on target tracking and aiming. In drone interception scenarios, where targets are small, fast-moving, and manoeuvre unpredictably at a distance, ARBEL offloads the timing of follow-up shots to the system, making accurate and repeatable engagements possible even in high-pressure environments. The system can intercept drones at ranges of up to 450 metres during daylight conditions and 250 metres at night, providing soldiers with effective standoff capabilities across a wide range of operational settings.

Unlike other counter-drone solutions that require specialized platforms or sensors, ARBEL integrates directly into existing AR-15 rifles without the need for external equipment or retraining. Its plug-and-play design enables any soldier to use familiar weapons while gaining immediate performance benefits. In an era where small drones pose an increasing threat on the battlefield, ARBEL offers a cost-effective, scalable, and efficient solution that elevates every shooter's ability to intercept airborne targets with confidence and precision.

For European forces, this matters not only at the tactical edge but also at the strategic and logistical level. Solutions that rely on scarce and expensive interceptors, complex sensor networks, or dedicated counter-UAS platforms struggle to scale across large formations, and these small – but potentially lethal drones – are small and move quickly. ARBEL, by contrast, transforms the individual soldier into an effective counter-drone asset, leveraging weapons already in service and training already in place. This approach aligns with Europe's need for rapid fielding, interoperability and resilience in the face of evolving threats.

The growing interest in the ARBEL reflects the rapidly expanding role of drones on the modern battlefield and the very real threat they pose to individual soldiers. Small, inexpensive and widely available drones are now routinely adapted to carry grenades, small payloads, or other weapons, and are deliberately used to hunt and target troops at the tactical level. This has fundamentally changed the threat environment: drones are no longer rare or strategic assets, but persistent, close-range dangers soldiers face every day.

As militaries have learned through experience, adaptation is no longer optional, it's necessary. Just as no modern army would send a soldier into combat without a helmet or protective vest, it is no longer acceptable to deploy them without effective means to protect against hostile drones actively sent to attack them. ARBEL represents that next layer of essential protection – one that recognizes the reality of modern warfare and equips soldiers accordingly.

At a time when Europe is reassessing readiness, deterrence and force protection, the ARBEL stands out as a practical answer to one of today's most pressing battlefield challenges. By combining proven marksmanship fundamentals with advanced computerized fire control, it delivers a solution designed for how wars are actually fought – not how they were imagined in the past.



Semion Dukhan

is the Head of Europe for SK Group, a leading holding company known for driving innovation across multiple strategic industries. Its portfolio comprises globally recognized companies, such as IWI, Meproflight, Camero-Tech, ELVO, Israel Shipyards, Israel Shipyards Port, Uni-Scope Optical Solutions and Oshira.



The combat-proven ARBEL anti-drone system solution makes its first European exhibition debut at Enforce Tac 2026, following successful operational use. The ARBEL is optics-agnostic, allowing shooters to work with a wide range of sighting systems mounted on a personal weapon in routine missions, from red dots and Low Power Variable Optics to thermal and night vision devices. (Photos: Israel Weapon Industries)

Reviewer Camero-Tech Situational Awareness in Complex Operational Scenarios

Camero-Tech Ltd. in Israel has received two orders from police special forces units for the provision of the XAVER™ 400 tactical imaging system. Camero-Tech, a global leader in the development and manufacture of radar-based imaging systems, underscores the growing global demand for innovative solutions for the tactical security of complex operational scenarios.

The XAVER™ 400 is a compact, radar-based system that provides tactical units and rescue teams with real-time information about objects, people, and their movements behind walls and obstacles. The development focused on ease of use and rapid operation in critical operational environments. The technology – also known as Through-the-Wall Sensing (TTWS) – provides mission-relevant information such as the number and location of people behind cover. This enables law enforcement to operate covertly and with precision.

Through the use of modern ultra-wideband technology and specialized image reconstruction algorithms, XAVER™ 400 provides exceptionally clear and informative situational awareness, even in complex and chaotic operational scenarios.

In new customer nations, XAVER™ 400 systems are being used by police special forces units in a wide variety of critical scenarios. These include counter-terrorism operations, building breaches, demolitions, breaches, hostage rescues, high-risk arrests, and drug raids. The officers equipped with this system receive real-time image data about events behind walls and obstacles. This allows for rapid and reliable decision-making in life-threatening situations.

“Our systems give tactical units a significant operational advantage by enabling them to gain situational awareness in complex situations before taking action,” said **Amir Beeri**, founder and CEO of Camero-Tech. “Whether it is counterterrorism or high-risk law enforcement operations, the XAVER™ 400 delivers the critical intelligence needed for success before deployment. These new contracts underscore Camero-Tech’s position as a reliable partner for increasing operational safety and efficiency,” he added.

“We are proud to strengthen our partnerships in the Asia-Pacific region, a rapidly growing market with increasing demand for advanced situational awareness technologies,” noted **Ilan Abramovich**, Vice President of Camero-Tech. “Camero-Tech is dedicated to providing its partners with the most reliable and field-proven solutions so that every mission can be carried out effectively and efficiently.” (stn)

Hall 7A
Booth 520

TTWS technology enables the rapid detection and assessment of threats during high-risk special forces operations. The XAVER™ 400 wall-penetrating radar provides tactical forces and rescue teams with real-time information about objects, people, and their movements.
(Photo: Camero-Tech Ltd.)

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Capability Report Hector – ARX Robotics' Autonomous Ground Vehicle Closes Europe's Capability and Speed Gap

ARX Robotics' Hector UGV (Unmanned Ground Vehicle) is an autonomous ground vehicle that supports optional manned operations, offering ground troops added flexibility and expanded mission profiles. European land forces have lacked a readily available, medium-sized UGV that can keep pace with mobile forces while providing safe, monitorable autonomy and seamless integration into existing command structures. Hector was developed to fill precisely this capability gap. The newly unveiled platform can be deployed as an autonomous unmanned system, increasing mission speed and tactical flexibility on the battlefield. Hector will be available in two versions: an internal combustion engine variant for greater range and endurance in long-duration operations, and a fully electric version with low acoustic and thermal signatures. Both versions feature open interfaces for payloads, encrypted communications systems and an onboard computer module from ARX Robotics running Mithra OS, ensuring autonomous operational capability. (stn)

Note: ARX Robotics GmbH, based in Oberding (State of Bavaria), is a defence technology company developing networked, autonomous ground vehicles and related platform architectures to meet a rapidly growing demand in Europe. These include the Gereon RCS series and Mithra OS, an AI-powered operating system that integrates autonomous and existing platforms. The company focuses on the accelerating digital transformation of land forces in Europe and the development of autonomous unmanned systems.

▽ *The new Hector ground vehicle supports optional manned operation, providing units with additional flexibility and expanded mission profiles.*
Photos: ARX Robotics GmbH



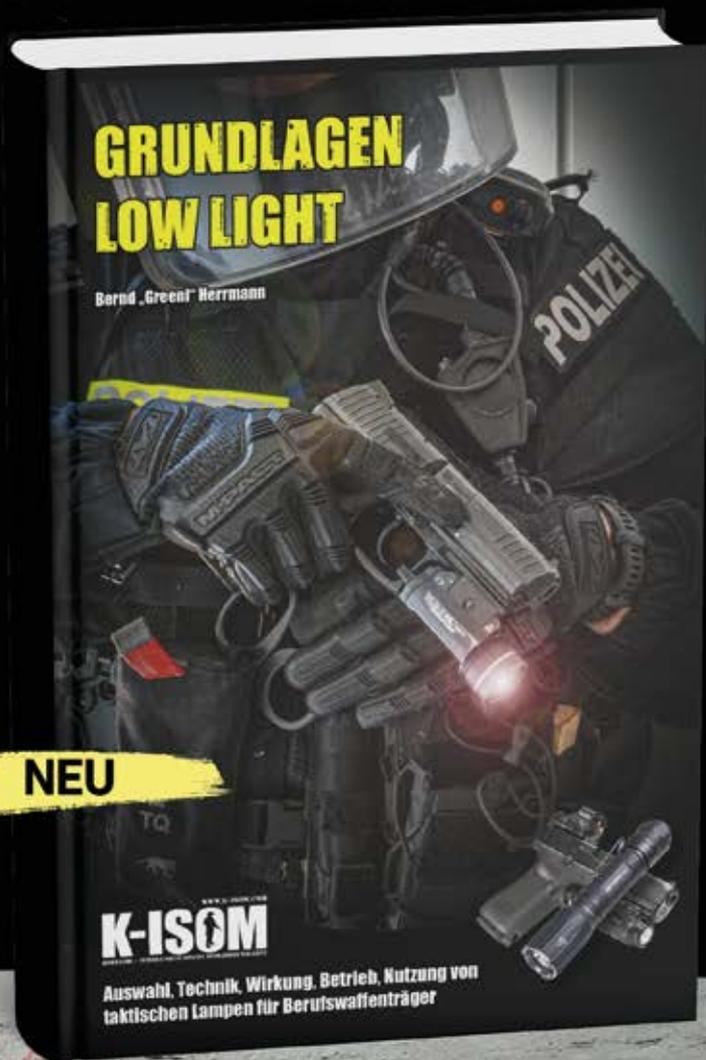
Hall 6
Booth 351



△ *The software-defined architecture and modular payloads ensure the level of interoperability required by European Armed Forces.*



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IWI – Israel Weapon Industries has introduced a new line of suppressors suitable for the entire spectrum of weapon platforms in 5.56 x 45 mm and 7.62 x 51 mm calibres

These can be used with both rifles and submachine guns. The suppressors have already been delivered and are in use by customers. The new line of suppressors is characterized by its complex internal geometry and an internal bypass channel. This results in high sound reduction performance and a slim design. Back pressure – even during rapid fire or automatic fire – is significantly reduced while maintaining consistent firing accuracy. Their development and manufacturing adhere to the high standards for which IWI is known worldwide. Production takes place on an integrated vertical assembly line using state-of-the-art direct metal laser sintering (DMLS). The material Inconel, also used in the aerospace industry, is specified for temperatures exceeding 982°Celsius. It is characterized by high resistance to erosion and cracking – even after being subjected to many thousands of rounds. The combination of the suppressor with the proven quick-release flash hider, the legendary UZILock, allows for fast and secure mounting across various platforms.

“This new series of suppressors reflects IWI’s ambitious goal of increasing operational success and survivability in combat through innovation,” said **Ronen Hamudot**, Vice Chairman of SK Group. “By employing state-of-the-art manufacturing techniques and materials, we equip forces with scalable solutions that meet today’s operational requirements – from counterterrorism to large-scale conflicts. This enables us to quickly and flexibly equip frontline units with next-generation integrated equipment components,” he added.

IWI, an **SK Group** company and a world-leading manufacturer of small arms, is the primary supplier to the Israeli Army and Police, manufacturing field-proven products used by the military, law enforcement, and special forces in over 60 countries across diverse operational environments. Known

for developing the legendary UZI rifle, IWI continues to set standards in firearm innovation and reliability through the development of advanced systems such as the ARAD, the NEGEV light machine gun and the TAVOR. (str)



IWI’s new suppressor series is platform-independent and designed for use in the most demanding conditions. (Photos: Israel Weapon Industries)

Hall 7A
Booth 520



KDV becomes GARMR: Diehl Defence presents combat value-enhanced C-UAV system at Enforce Tac 2026



Diehl Defence presents the comprehensive relaunch of its highly mobile counter-UAV system 'Kinetic Defence Vehicle' (KDV) at this year's Enforce Tac taking place from February 23 to 25 in Nürnberg. The known system will in future operate under the new name 'GARMR' (watchdog from Nordic mythology). With the integration of new types of interceptor drones and an AI-supported detection and decision-making architecture, GARMR is experiencing a significant enhancement in combat value and sets new standards in mobile drone defence.

GARMR is designed as a hybrid, modular system with a wide range of applications. It is suitable for the protection of critical civilian infrastructure (e.g. buildings or events) as well as for operation in high-intensity military combat scenarios. This flexibility results from the parallel use of two interceptor drone technologies: **GARMR SRS (Short Range System)** uses the **CICADA** interceptor drone with a catch net or warhead, while **GARMR MRS (Medium Range System)** additionally neutralizes

targets with innovative interceptor drones. However, further effectors can be integrated for both ranges so that the system can be optimally adapted to the situation: from precise, controlled impact in sensitive civilian environments to performance-optimized defence against complex military threats, even over longer distances.

Another key element of the relaunch of GARMR is the AI-supported detection, identification and prioritization of air targets. Modern algorithms automatically analyze sensor data, classify threats and support decision-making.

GARMR combines all the essential components of a modern counter-UAV system on a highly mobile platform. The detection sensor technology allows the early detection of a wide variety of air targets - from the smallest multicopters to larger military drone systems such as SHAHED or LANCET combat drones. Based on this, powerful identification modules ensure reliable classification and situation assessment.

With the relaunch of GARMR at Enforce Tac 2026, Diehl Defence underlines its commitment to provide effective, future-oriented and user-centric solutions in the field of mobile air defence and counter-UAV systems.

About Diehl Defence

As a reliable partner of the German and international armed forces, Diehl Defence is a leading system house for air defence systems. In addition to systems for ground-based air defence, the product portfolio of the company headquartered in Überlingen (Germany) includes guided missiles for all branches of the armed forces, ammunition for army, air force and navy as well as protection systems. In addition, Diehl Defence develops and produces key components such as infrared modules, fuzes and special batteries. Diehl Defence currently employs around 5,500 people generating annual sales of over 2.5 billion euros.

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Peli Products Introduces the Peli™ 9730 Remote Area Lighting System (RALS)

This next-level professional work light combines impressive performance, enhanced safety and maximum mobility. With 4,800 lumens, over 18 hours of runtime and a significantly lighter and more compact design, the 9730 RALS sets a new standard for field use.

The new system offers significant improvements over previous RALS models, increasing both light output and operational efficiency. Thanks to its rechargeable battery, the system eliminates the need for fuel-powered generators – a cleaner, quieter and more cost-effective solution that reduces emissions, minimizes downtime and enhances on-site safety.

Designed for industrial applications, emergency services, law enforcement and military, the 9730 RALS provides reliable and flexible lighting for temporary work areas, command centres and inspections. The detachable light head allows for various setups, including tripod mounting for wider area coverage. A rear-facing ground light improves visibility on the ground and reduces the risk of tripping in dark environments. Weighing only 8.3kg, the system is easy to transport and quick to set up, and the IP-certified, waterproof housing ensures maximum durability in harsh conditions.

Compared to previous models, the 9730 RALS offers 1,500 more lumens of light output, over 18 hours of runtime and a weight reduction of nearly 20 percent. Furthermore, the system is RoHS and CE certified, underscoring Peli's commitment to product safety, environmental responsibility and long-term quality. "With the 9730 RALS, we are taking mobile lighting to a new level," **Ebru Doyuran**, Product Marketing Manager at Peli, said. "More power, less weight and added safety features enable professionals to work more efficiently and sustainably anywhere," he added. (stn)



Hall 7
Booth 645

The new Peli™ 9730 Remote Area Lighting System (RALS) with 4,800 lumens and over 18 hours of runtime improves safety and efficiency in industrial, emergency and defence operations. Photo: Peli Products

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Aimpoint is Expanding the COA™ Pistol Platform through Factory-installed OEM Packages

Hall 9
Booth 220

Selected pistol manufacturers can now deliver their pistols with Aimpoint® COA™ already mounted at the factory, using the slide-integrated A-CUT™ interface. This marks an important step in our ambition to establish A-CUT as a new standard for pistol-mounted optics, while making the COA shooting experience available on more pistol platforms.

From now, COA is introduced through multiple OEM partners as factory-installed packages, where pistols are delivered from the manufacturer with the COA sight already mounted via the integrated A-CUT interface. This expansion marks a significant step in Aimpoint's ambition to establish A-CUT as a new standard for pistol-mounted optics.

Aimpoint has signed agreements with approximately thirty OEM partners, including the largest manufacturers in the segment. Throughout the year, additional factory-installed pistol and COA packages will be launched, reinforcing the ambition to establish A-CUT as a widely adopted industry standard.

A-CUT is a slide-integrated mounting interface that mechanically locks the optic in place, stabilising it in all directions and eliminating movement under recoil. By removing screws from the optic housing and enabling a low-profile installation, In addition to factory-installed OEM packages, COA will also be available as a standalone pistol sight. This option is

intended for users who wish to install COA on an existing pistol. As COA requires an A-CUT interface, installation on existing pistols is carried out by licensed gunsmiths. Aimpoint is rolling out a licensing programme for professional gunsmiths, with applications available via Aimpoint's website. During the year, adapter plate mounting solutions are planned for selected pistol models, further expanding access to the COA platform. COA is purpose-built exclusively for pistol use and is not intended for rifles or other firearm platforms.

Key Features of AIMPOINT COA

- 3.5 MOA red dot reflex sight for pistols
- Integrated A-CUT™ interface
- Battery life: 50,000 hours (over five years) on one battery
- Submersible to 25 metres
- Weight: 48 grams, sight only
- Co-witness capable with standard iron sights
- Four night vision compatible settings and eight daylight settings

(stn)

*A-CUT ensures consistent alignment, durability and co-witness capability.
(Photos: Aimpoint)*





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