

Estonian Defence Industry Symposium 2025 Programme & Schedule

Guide to the Exhibitors at Tallinn Defence EXPO 2025



## **Estonian Defence Industry Symposium 2025**

SPONSORS, SUPPORTERS & ORGANISERS

## **PLATINIUM SPONSOR**



### **GOLD SPONSORS**







## **SUPPORTERS**











## **ORGANISERS**







22–26 September 2025 Tallinn Creative Hub (Kultuurikatel) and Tartu Ülenurme Airport

**ORGANISER:** Estonian Defence and Aerospace Industry Association (EDIA) in cooperation with the Ministry of Defence

**PARTNERS:** International Centre for Defence and Security, Tehnopol, European Defence Tech Hub, IME Foundation, Tangent Link, Agenda PR, Founders Society

The aim of Estonian Defence Week 2025 is to showcase Estonian and European defense industry companies, their products under development and technologies, to establish investor relationships, and to discuss the future of defense and security policy over a five-day period.

## **WHO PARTICIPATES?**

- Estonian and foreign defence industry companies
- Investors, startups
- Defence sector specialists and professionals
- Policy makers and officials



"In order to develop our defence industry, we must also have the opportunity to showcase it here in Estonia. This event brings together suppliers, buyers, and investors, highlighting what the Estonian defence sector has to offer."

**Hanno Pevkur** Minister of Defence



"True resilience in defence comes from collaboration between industry, government and research. Estonian Defence Week enables these worlds to meet, ensuring our innovations serve both national and European security needs."

**Taavi Veskimägi** Chairman of the Council of EDIA



"Estonia's defence industry has proven itself, and our solutions are attracting global interest. We need a flagship event to bring together companies, investors, and policy makers, creating an annual platform for collaboration."

Kalev Koidumäe CEO of EDIA



## **Estonian Defence Industry Symposium 2025**

PROGRAMME & SCHEDULE 25 September

## 7:30-08:00

Cabin crew-style coffee

08:00-09:00

### **EARLY MORNING WORKSHOPS**

Launch & Protect: Building a Defence Tech

Company in Estonia -

RASK Attorneys-at-Law @Woodblock Hall

Moving Data and Moving Forces -

Cybernetica @Terrace Hall

**Direct Impact Focus in Ukraine** -

UForce Estonia@D-Hall

Al as Enabler and Threat - The Future of C4ISR,

Autonomy, and Cyber Resilience -

DefSecIntel Solutions@Mediateek

Making European Defence Fund (EDF) Work for You

Milrem Robotics: @Small Hall, Ground Floor

## 09:00-12:30

## **GENERAL ASSEMBLY @Blackbox**

Duration: 210 min

## **OPENING REMARKS**

09:10 Taavi Veskimägi

Estonian Defence & Aerospace Industry Association AD2024 Founder member, EDIA chairman of the Council

### 09:20 Hanno Pevkur

Minister of Defence of Estonia

## 9.30 Tiaana Kalda

Head of Procurement Department of Estonian Centre for Defence Investment

## 9.40 Ursel Velve

CEO of Enterprise Estonia

### 9:50 Nick Washer

Global Head of Defence, Rear Admiral (Ret.) Nortal

## 10:00 Keynote Speaker: Henna Virkkunen

European Commission, Commissioner responsible for tech sovereignty, security and democracy

10:20 Panel Discussion - policy development and lessons learned

## Launch & Protect: Building a Defence Tech **Company in Estonia**

Managing Director of Estonia's e-Residency programme, Liina Vahtras, along with Timo Kullerkupp, Partner at RASK Attorneys-at-Law, and Artur Sanglepp, Attorney-at-Law at RASK, welcome defence tech founders to this tailored workshop on starting a business in Estonia and securing intellectual property rights.

## **Moving Data and Moving Forces** (Cybernetica@Terrace Hall)

How can military mobility be secured in the digital age? Cybernetica showcases solutions that turn cyber situational awareness and crossborder data exchange into a backbone of NATO readiness. The session highlights how Estonia's digital innovations strengthen defence resilience and set new standards for European security.

## **Direct Impact Focus in Ukraine** (UForce Estonia @D-Hall)

This session explores how Ukraine's use of Nemesis bomber drones and Magura sea drones has reshaped modern warfare. These systems have struck deep into Russian-held territory and heavily damaged the Black Sea Fleet, forcing strategic shifts and demonstrating the disruptive power of drone technology.

## Al as Enabler and Threat - The Future of C4ISR, Autonomy, and Cyber Resilience

This panel explores how AI and autonomy are reshaping the modern battlefield - transforming combat operations, C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance) and cyber operations, and what are the benefits for the end-user and threats arisen.

## Making European Defence Fund (EDF) **Work for You**

This session explores how to turn EDF opportunities into real value for innovation and capability development. Participants will discuss practical ways to secure funding, achieve results, and address common challenges along the way.

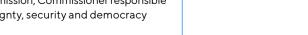
## 09:00-18:00

## **DEFENCE TECH HACKATHON**

@Ground Floor Atrium

## Parallel session by European **Defense Tech Hub**

European Defense Tech Hackathon



## **INDUSTRY SESSION**

11:05 From Innovation to Impact: Eastern Shield, the Anti-Drone Wall, and the Role of Scale-Ups in Closing Europe's Capability Gaps by Defsecintel Solutions

Jaanus Tamm, CEO of DefSecIntel Solutions:

## 11:20 Securing the Digital Battlefield

David Wiseman | Vice President of Secure Communications for BlackBerry

### 11.40 Innovation and Ukraine

Firesite chat with Gunnar Counselman, Chief Operating Officer at UForce Global and Former US Marine Officer

12:00 Panel Discussion - The Future of Defense: Technology Convergence and Market Transformation

12:30-13:30

### **NETWORKING AND EXPO BREAK**

VIP lunch (by invitations)

13:30-15:30

## **AFTERNOON THEME SESSIONS @halls**

Duration: 120 min

Defending the Baltic Sea: Next-Gen surveillance and Infrastructure Protection in the era of persistent hybrid threats

@Blackbox DefSecIntel Stage

Milrem's & Threod's Unmanned Solutions Session

@Small Hall, Ground Floor

BlackBerry Workshop on Modern Cybersecurity Challenges

@Woodblock Hall

Space Industry introduction and best practices session

@Terrace Hall

15:30-17:30

## **NETWORKING @ Expo Arena**

16:00-17.30

### **BONUS TRACK**

Defense Hack Day Pitch Competition @DefSecIntel Stage / Blackbox

19:00-22:00

## DINNER BY EDIA & ENTERPRISE ESTONIA @Seaplane Harbour

## Milrem's & Threod`s unmanned solutions session

Part #1 by Threod: War Unseen – Electronic Warfare and the Rise of Remote Reconnaissance – R.C. Chief of Military and Special Operations Training in Ukraine.
Part #2 by Milrem: Wargaming the Future: UxS Impact on Cross-Domain Defence.

## Defending the Baltic Sea: Next-Gen surveillance and Infrastructure Protection in the era of persistent hybrid threats

13:30-15:15 - Defending the Baltic Sea: Next-Gen Surveillance and Infrastructure Protection Panelists explore how to safeguard the Baltic Sea against hybrid threats, focusing on maritime surveillance, infrastructure resilience, and scalable technologies.

15:20–15:30 – FLIR x DefSecIntel Solution This session examines how thermal imaging and sensing technologies can enhance defence strategies and strengthen resilience against evolving technological threats.

## Space Industry Introduction and Best Practices Session

Overview of satellite applications in defence, focusing on Estonia's optical and radar capabilities, international approaches, and lessons from the war in Ukraine. Topics include terrain analysis, GNSS-free navigation for unmanned systems, and ground station operations.

## THE MAP



## **EXPOARENA (A)**

**E00** Meridein Grupp

E01 Saab

E02 Saab

EO3 Hunna

E04 Chelton

E05 Defended

E06 Rödl & Partner

**E07** Glenair Nordic

E08 YKK Finland

**E09** Profline

**E10** Frankenburg Technologies

E11 SensusQ

E12 Rantelon

E13 Lendurai

E14 SGS Fimko

E15 FORECR

E16 UForce Estonia

E17 5.0 Robotics

E18 Cybernetica

E19 Nortal

E20 Englo

**E21** AGES Case

**E22** Digia Finland

E23 Senop Oy

**E24** Millog

**E25** Eurofins Electrics & Electronics Finland

E26 Bittium

**E27** Championgroup

**E28** IBG Group BV

E30 Nefab Packaging

E32 SanLab

E33 IPA - Interconnect Product Assembly AS

E34 Lainisalo Group

E35 Krakul

E36 TGN Estonia OÜ, T&G Nordic Oy

E37 Blackberry

E38 GaltTec - Power for UAVs

E39 Ranlos

## **EXPO ARENA (B)**

**E40** AVNET Abacus

E41 TRIA

**E42** AVNET Silica

E43 Airbus

**E44** C-CORE Canada Defence Solutions

E45 TOCI

E46 Temeso

**E47** BAE Systems Bofors

E48 Orqa

E49 All Good Energy - Powered by Molicel

**E50** Ark Robotics

## **START-UP ALLEY**

S01 Wayren

**S02** Batcomms

**S03** Baltic Ghost Wing

**S04** Vibrol

SO5 CAFA Tech

## **OUTDOOR EXPO:**

F01 Marduk Technologies

**FO2** ATALANTA SYSTEMS

F03 Hevi Optronics

F04 Front42

F05 Front42

F06 Baltic Defense Services

F07 Krattworks

FO8 ASAX INNOVATION

F09 Nordic Shelter Production OÜ

F10 XW PRODUCTION

F11 MindChip

F12 Maru Defence

F13 Defence Development

F14 FLIR

F15 PENTAGON BUNKERS

F16 Meridein Grupp

## **SPONSORS:**

A01 Threod Systems

**A02** DefSecIntel Solutions

A05 DefSecIntel Solutions

**A06** Milrem Robotics

A07 Helsing

A08 Enterprise Estonia / EDIA

**A09** Threod Systems

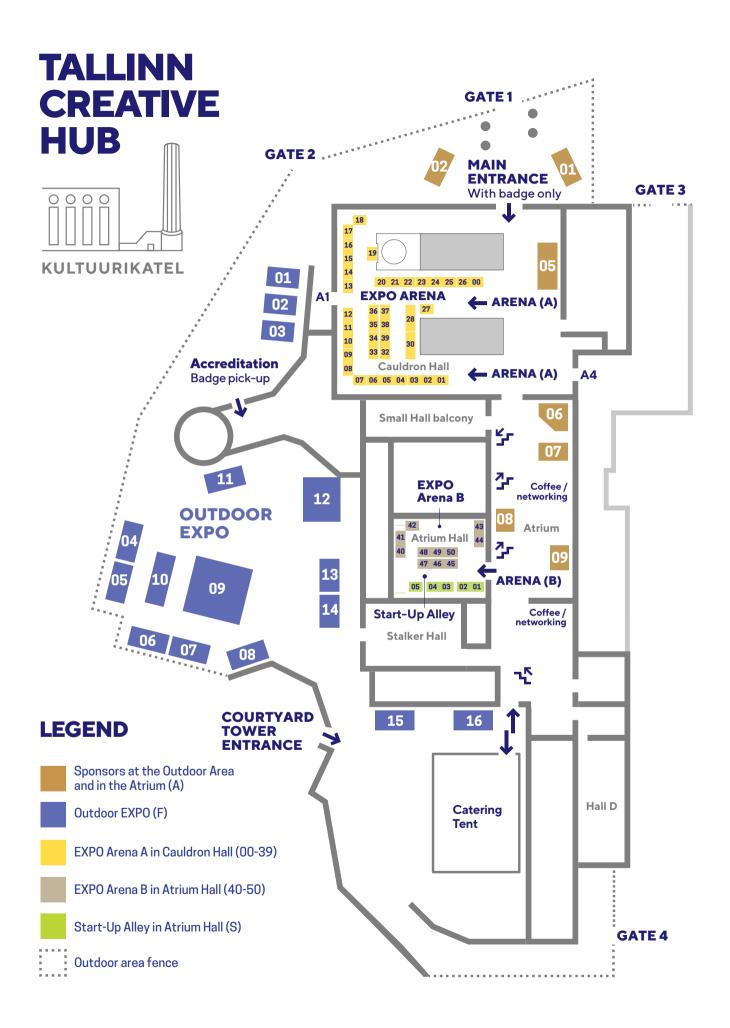
## **WORKSHOPS**

Mediatek DefSecIntel Solutions I

Terrace Hall Cybernetica
Hall D UForce Estonia
Small Hall Milrem Robotics

Woodblock Hall RASK

Blackbox DefSecIntel Stage DefSecIntel Solutions II





## Smarter systems for modern defence

At DefSecIntel Solutions, we believe defence solutions should be smart, reliable, and ready for the toughest challenges. Born in Estonia – a country known for innovation and digital strength – we've grown into one of Europe's most dynamic defence technology companies. Our focus is simple: build Al-powered systems that protect people, borders, and infrastructure in a world where threats evolve faster than ever.

Our solutions are not concepts on paper - they are combatproven. In Ukraine, where we have a strong presence, our systems have been tested and used in real operations, from spotting hostile drones to securing critical areas. This experience not only proves their resilience but also gives us constant feedback, helping us to make our products even better.

Our solutions work together as a whole but can also stand alone when needed.  $% \label{eq:controller}$ 



- SurveilSPIRE Mobile autonomous situational awareness system with integrated drope box
- CAIMAN Vehicle-based rapid intelligence & targeting system with advanced sensors
- EIRSHIELD Ultra-short-range air defence / C-UAS system for multi-layer drone detection & neutralization
- EUROMITE Unmanned surface vessel for autonomous naval and maritime missions

All of this is tied together by our Al-powered software. It processes data from cameras, radars, and drones, and brings clarity where human operators would otherwise face overwhelming information. Al highlights what matters most, while people stay in control of the final decisions.

DefSecIntel is growing fast. We're expanding our factory and manufacturing capacity, adding new talents to our team, and working with international partners to push technology even further.

Our goal is clear: to help protect Europe's borders and keep our allies safe. With proven systems, a dedicated team, and a vision for smarter defence, DefSecIntel Solutions is building solutions that meet today's needs – and tomorrow's challenges.

www.defsecintel.com info@defsecintel.com +372 562 77100



## **Enterprise Estonia**

Stand A08

## Your Gateway to Defence Innovation

Enterprise Estonia is a key facilitator for organisations looking to enter the dynamic and business-friendly Estonian market. For those interested in the Estonian DefenceTech ecosystem, Enterprise Estonia provides invaluable resources and connections with industry leaders and the Estonian Defence and Aerospace Industry Association.

Through fostering collaborations between domestic and international stakeholders, Enterprise Estonia is your strategic partner in leveraging Estonia's agile and advanced DefenceTech capabilities known for world-leading cybersecurity, robotics, and autonomous systems.

From the development of a cutting-edge defence industry park and various funding and development programmes to a network of established, high-performing defence companies, Estonia offers you everything you need to be at the forefront of defence innovation.

Your partners at Enterprise Estonia are with you every step of the way.

**Invest Estonia** helps you find the most impactful business opportunities in Estonia's rapidly growing defence sector. Our expert advisors, empowered by a suite of proprietary, awardwinning Al tools, provide everything you need to make your smartest investments.

The programme for applied research supports the development of innovative products and allows you to grow by developing new or significantly enhanced technologies, processes,

## Hub of agile, adaptive and advanced defence



products or services. One of the projects the program has been working on is the Chips Competence Centre KIIP, which supports companies in developing their chip design capabilities and upgrading their skills. The Centre's information can be reached at https://kiip.ee

**Startup Estonia** connects you to the right opportunities and people in Estonia's world-leading startup community.

**Trade Estonia's** export advisers have in-depth market knowledge and broad networks. They provide guidance and connections for anyone looking for game-changing business partners in the Estonian DefenceTech market.

eis.ee









## **Milrem Robotics**



## **Global Leader in Combat Robotics**

Established in 2013, Milrem Robotics is the world-leading developer of robotics and autonomous systems and a systems integrator. The company's mission is to enhance combat effectiveness through advanced robotics. Milrem Robotics' systems are currently part of robotics programs or in service in 19 countries worldwide, reducing future customers' integration and operational testing risk and costs. The company is leading the combat robotics industry with a broad depth of solutions to meet customers' goals that go well beyond the hardware by offering capability development, experimentation and local industry integration, providing the customer with the least risk and greatest value.

https://milremrobotics.com/ info@milrem.com +372 662 0865



## **Threod Systems**



## **Combat-Proven Unmanned Aircraft Systems**

We specialize in the development and manufacturing of unmanned aircraft systems (UAS), electro-optical ISR and target acquisition solutions, and launcher systems for strategic strike drones. Threod's product lines are in active operational use in real combat scenarios. Their design and development are driven directly by end-user tactical requirements and the realities of modern battlefield environments. Since its establishment, Threod's products have been delivered to customers in 26 countries, including 13 NATO member states. A key focus market is Ukraine, where the armed forces currently operate all of Threod's core systems in the field.

http://www.threod.com sales@threod.som



## Helsing



## **Al-Driven Defence for Democracies**

Helsing is a new type of defence company. We provide precision mass and autonomous capabilities to democracies so that they can deter and protect. Founded to defend democratic values and open societies, Helsing develops advanced AI architectures and software to safeguard freedom for future generations. With a growing presence in Estonia and across Europe, Helsing partners with governments and industry to deliver AI-driven defence capabilities. Despite its young age, the company is already trusted with major contracts and continues to expand its role as a key European defence technology provider.

helsing.ai





## If you can imagine it, we can make it

We design and manufacture custom plywood and flight cases, tailored covers, and CNC-cut foam inserts. Our products serve medical, defence, event, motorsport, and photography industries. With Estonia's largest stock of high-quality plastic transport cases, we ensure fast delivery to retail and wholesale clients. Over 20 years of experience guarantees durability and precision.

agescase.ee info@agescase.ee +372 555 84 333



## **AS Profline**



## Built to last, tested to perform

For over 25 years, we've produced military clothing for the Estonian Armed Forces, the Police, the Border Guard, and civilian use. All Profline Militaar products are tested by experts to meet the strictest military standards. Made using only world-class materials, every item is produced in Estonia with sustainable and ethical practices.

profline.ee info@profline.ee +372 505 5890



## ASAX Innovation OÜ



## Adaptable ground solutions for any mission

Founded in 2024, ASAX Innovation designs and builds multifunctional Unmanned Ground Vehicles for evacuation, demining, reconnaissance, and logistics. Our rugged, affordable platforms excel in challenging terrain, delivering reliable performance and easy operation in the field. We aim to become a trusted global partner in defence innovation.

asaxinnovation.com info@asaxinnovation.com



## Atalanta Systems OÜ



## Pioneering autonomous kinetic defence solutions

Atalanta Systems is dynamic partner in cross-platform kinetic effector development with novel mobile and autonomous Al-assisted systems. We are focused on development and integration of autonomous and automated kinetic solutions for defence and homeland security, offering unique and adaptive systems based on remote surveillance and targeting platforms.

atalanta.ai info@atalanta.ai +372 556 72 062



## **AVNET Abacus**



## Driving innovation through supply chain expertise

We've adapted to wave after wave of technological change to provide the engineering and supply chain expertise that our customers need to accelerate, scale and extend the lifecycle of their designs. We have the expertise, equipment and global capabilities to help you deliver what's next.

avnet.com paernu@avnet-abacus.eu +372 566 37 737



## Baltic Ghost Wing Center of Excellence OÜ



## Pioneering UAS training and innovation

Located in Estonia, Baltic Ghost Wing is a leading hub for unmanned aerial systems and dual-use technologies. We offer advanced testing grounds, operational software development, and hybrid warfare training to strengthen Europe's home defence and Estonia's strategic

readiness. balticghostwing.com james@frontiervectors.com



## Secure communications for mission success.

With 40 years in advanced radio tech, Bittium delivers next-generation tactical communications, secure mobile devices, and cyber security solutions up to NATO Restricted level. Our broadband systems keep troops connected on the battlefield, while our cyber and biosignal solutions protect missions and data worldwide.

bittium.com/defense-security defense@bittium.com +358 40 344 2000





## Engineering excellence in aerospace and defence

For over 75 years, Chelton has advanced aerospace and defence with robust land and airborne solutions. From anti-jam GPS to tactical communications and radar, Chelton enhances safety, navigation, and connectivity worldwide, delivering tailored, reliable systems for demanding civil and military missions.

chelton.com info@chelton.com +44 (0)1628 472072





## State-of-the-art border protection

The Defendec system combines rugged, easily camouflaged devices, ultralow power design, and state-of-the-art artificial intelligence for reliable intrusion detection with minimal human intervention. Defendec devices have been deployed in the field since 2009 and are used to protect over 35 country borders.

defendec.com info@defendec.com +372 602 7995

REFENRER



## Trusted digital partner for defence transformation.

We deliver AI, cloud, ERP, secure integrations, and 24/7 services for mission-critical defence operations. From secure data transfer to advanced automation, we help defence forces modernise, integrate systems, and strengthen operational resilience. One of the Nordics' largest integration providers and a long-term defence partner.

digia.com info@digia.com +358 10 313 3000



## **Eurofins Electric & Electronics Finland Oy**



### Global leader in electrics

Eurofins E&E is global leader of electrics and electronics testing, inspection and certification. Our services cover different type of industries from defence and military in land, maritime, air and space to industrial and medical. We offer Notified Body services, various testing and certification services e.g. environmental, reliability, EMC, radio, electrical safety and cyber security.

eurofins.fi +358 50 3951741





## Edge Al solutions for defence and aerospace

FORECR, an NVIDIA partner, delivers rugged MIL-STD computers, Al-ready boards, and Jetson-powered PCs for defence and aerospace. From prototyping to mass production, its hardware-software expertise enables edge Al, computer vision, and ML deployment, with a focus on sustainability and tailored solutions.

forecr.io info@forecr.io +372 519 75 901





## Advanced tactical solutions and unmanned systems

Front42 OÜ delivers battle-tested, non-PRC tactical solutions, specializing in high-performance UAS, drone components, and assembly services. The company also produces advanced body armor, anti-infrared fabrics, and multispectral camouflage, enhancing operational effectiveness and personnel protection in critical defense missions.

front42.com info@front42.com +372 534 41 213



## **GaltTec** Stand E38

## Compact, High-Power Fuel Cells for Portable Systems

GaltTec makes small, powerful electric power sources for portable and off-grid systems: UAVs, mobility, communication nodes, backup power etc. Long use time, lightweight, durable, quiet, safe, multiple fuel options. Our compact high-power fuel cells meet the needs of industries where batteries and combustion engines underperform.

galttec.com info@galttec.com +372 584 36 446





## Glenair Nordic AB Stand E07

## Mission-critical interconnect solutions

Glenair, founded in 1956, supplies military and defence with connectors, backshells, conduit systems, fiber optic and flex circuit assemblies for soldiers, vehicles, ships and aerospace. Known for ISO 9001 quality, fast turnaround, strong support and the industry's largest MilSpec electrical and optical connector inventory.

alenair.se antti.reinikka@glenair.se +358 (0)40 541 84 75



## Krakul OÜ



## Human-centric electronics design

Founded in 2013, Krakul partners with corporations, SMEs, and startups to deliver human-centric electronics and product design. Specializing in embedded systems, software, firmware, and engineering leadership, Krakul focuses on creating manageable, compelling products that blend design, functionality, and user experience.

krakul.eu info@krakul.eu +372 5885 6921



## Lendurai OÜ



## Autonomous navigation for unmanned aircraft

Lendurai develops autonomous capabilities for unmanned aircraft to perform their missions using machine learning without the use of satellite navigation or radio communications. The company is based in Tallinn and was founded by senior engineers from Bolt and Starship.

lendurai.com info@lendurai.com

LENDURAI

## Millog



## Comprehensive defence logistics and lifecycle support

Millog Oy, a strategic partner of the Finnish Defence Forces, delivers logistics, maintenance, and lifecycle support for Army, Navy, and select Air Force systems. Serving security-critical public and private clients, Millog also manages system integration, upgrades, and repairs, leveraging international collaboration and dual-use technology innovations.

millog.fi +358 204 697 000



## Nefab Packaging OÜ Stand E30

## Sustainable supply chain and packaging solutions

We save environmental and financial resources by optimising supply chains. It's about innovating together to create smarter packaging and logistics solutions while always respecting people and high ethical standards. This contributes to a better tomorrow for our customers, for society and for the environment.

nefab.com info@nefab.ee





## Mobile integrated systems for military and industry

Nordic Shelter is a global provider of mobile integrated systems based on specialised containers and shelters for military and industrial applications - based on our own design and construction. - HQ in Oslo, Norway - Sales/project office in Gothenburg, Sweden - Factory in Tallinn, Estonia - Part of BNS Group since 2015

nordicshelter.com sales@nordicshelter.com +47 22 70 00 05





## Full-stack drone and remote vision innovator

Orqa is a vertically integrated technology company focusing on drone and remote-vision technologies. Based in Croatia, Orqa designs, engineers, and manufactures advanced unmanned systems and low-latency remote vision solutions. Orqa owns the full technology stack to implement a drone system and builds every critical component.

orqafpv.com info@orqafpv.com



## RanLOS Stand E39

### Reliable wireless and antenna test solutions

RanLOS develops cost-effective test solutions for antennas and wireless communication – with applications ranging from the automotive industry to defence. Our technology enables easy, realistic, and repeatable testing and verification of wireless performance. This ensures safer and more reliable connected systems – a capability that is vital for critical defence applications.

ranlos.com joakim.lundberg@ranlos.com





## Integrated global business solutions

Rödl & Partner provides tax, accounting, auditing, and legal services through 116 offices in 50 countries. Combining global reach with personalised, interdisciplinary expertise, they tailor project teams to client goals, offering strategic, market-focused support for businesses to thrive internationally. Rödl & Partner offers a level of support and strategic insight that is hard to find anywhere else.

roedl.ee info@roedl.ee +372 606 8650

Rödl & Partner

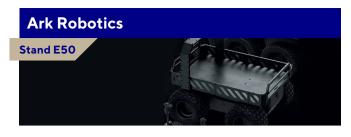


## A world leader in defence and civil security

Saab serves the global market with leading products, services, and solutions in military defence and civil security. Saab pushes the boundaries of technology to create a safer, more sustainable world. In Estonia, Saab partners with the Defence Forces and local industry to provide tailored technologies, enhancing national and Baltic security with strategic approaches.

saab.com/et/markets/Estonia samuel.karlsson@saabgroup.com +46 768 967 013





## Unmanned ground vehicles and tactical autonomy

Founded in 2024, Ark Robotics develops Al-driven unmanned ground vehicles to enhance frontline efficiency and safety. Its flagship Frontier System operates robotic fleets with minimal human control. With HQ in Tallinn and an R&D center in Kyiv, Ark's systems are deployed across 20+ brigades in Ukraine.

ark-robotics com public.affairs@ark-robotics.com



## **Lainisalo Group**

## Advanced coatings and material innovations

Founded in 1990, Lainisalo is Finland's leading subcontracting paint and surface-treatment company, specialising in large-scale coatings. With patented solutions like ViralSafe and Piranha Stealth, Lainisalo combines in-house R&D and practical innovation to serve global customers across diverse industries.

lainisalo.fi/en pertti.lainisalo@lainisalo.fi +358 400 701 080



## TGN Estonia OÜ, T&G Nordic Oy



## High quality technology solutions and manufacturing

T&G Nordic and TGN Estonia, part of an international group, provide high-quality products and services across defence, industrial automation, data centers, maritime, aviation, and space. They offer custom cable harnesses, control system assembly, and design support, ensuring durable, tested solutions delivered to customer specifications worldwide.

tgnestonia.ee info@tgnestonia.ee +372 530 48 100







## Expert metalwork and mechanical engineering solutions

Toci is specialising in metalwork and mechanical engineering, offering comprehensive solutions for international markets. With nearly 20 years of experience, including over 10 years of collaboration in the defence sector, our service range includes mechanical engineering, defense industry solutions, special-purpose

toci ee toci@toci.ee +372 585 18 013





## Resilient communication for critical operations

The Wayren Resilient Communication Platform ensures secure, decentralised networks in degraded environments where other systems fail. Software-based and rapidly deployable, it integrates with existing C2 systems and hardware, enabling real-time data sharing and decision-making for military and mission-critical civilian operations.

wayren.eu info@wavren.eu +372 568 39 990





## Al-powered autonomy for maritime navigation

MindChip is a deep-tech company developing a self-adaptive Al-based captain. Its multipurpose robotic vessels perceive the environment, recognise objects at sea, and complete missions independently, enabling safer and more reliable maritime navigation.

mindchip.ee info@mindchip.ee +372 526 4992



## YKK Finland Stand E08

## **Global Fastening Solutions for Every Industry**

YKK is one of the world's leading fastening product manufacturers, known for quality, innovation, and reliability. With operations in 72 countries, YKK supplies zippers, snaps, buttons, textiles, plastics, and architectural products for industries from fashion and automotive to construction and outdoor gear.

ykkdigitalshowroom.com/en eerik\_paulus@ykk.com +358 9 7597860



## Stand E11 1 always use the cross-data search function

## **Al-Augmented Decision Intelligence Solutions**

SensusQ provides decision intelligence software and consulting for defence, national security, and critical infrastructure. Its solutions enhance situational awareness and accelerate decision-making in multi-domain operations, supported by systems for tactical reporting, air and maritime domain awareness, threat assessment, and training.

sensusq.com sales@sensusq.com



## Nortal AS Stand E19

## Trusted Digital Partner in Defence and Security

Nortal is a trusted digital partner to NATO, the EU, and national defence forces, bringing 20+ years of public-sector expertise into mission-critical military domains. We deliver sovereign-ready, cyber-resilient platforms and Al-driven decision tools – from ISR fusion to secure command systems.

https://nortal.com/industries/aerospace-and-defence defence@nortal.com



## Advanced Optronics and Mission-Critical Communication Solutions

Senop is a Finnish defence and security manufacturer specializing in situational awareness, military optronics, and mission-critical communications. A subsidiary of Millog and part of the Patria Group, Senop delivers night vision and thermal imaging devices, vehicle camera systems, and integration services for demanding environments.

senop.fi senop.sales@senop.fi +358 20 7343500





## **Trusted Partner in Sovereign Communications**

With decades of expertise in security and mobility, BlackBerry provides governments and enterprises with resilient platforms for classified and mission-critical communications. Its solutions protect data across devices, networks, and command centers while ensuring independence from foreign control. Trusted worldwide — including all G7 nations, 18 of 20 G20 nations, and most global banks.

blackberry.com events@blackberry.com Secure Communications

## Rantelon OÜ

Stand E12

https://rantelon.ee/en drone@rantelon.ee +372 681 3650



## **IBG Group BV**

Stand E28

http://www.ibggroup.nl info@incotech.nl +31341557885



**Meridein Grupp BAE Systems Bofors** Stand E00 Stand E47 All Good Energy / Powered by Molicel Hunna Stand E03 Stand E49 **Frankenburg Technologies Batcomms** Stand E10 Stand SO2 **SGS Fimko Vibrol** Stand E14 Stand SO4 **UForce Estonia CAFA Tech** Stand E16 Stand SO5 **Marduk Technologies** 5.0 Robotics Stand F01 Stand E17 Cybernetica **Hevi Optronics** Stand F03 Stand E18 **Baltic Defense Services Englo** Stand F06 Stand E20 Championgroup **Krattworks** Stand E27 Stand F07 **XW PRODUCTION** SanLab Stand E32 Stand F10 **IPA / Interconnect Product Assembly AS Maru Defence** Stand F12 Stand E33 **Defence Development TRIA** Stand F13 Stand E41 **AVNET Silica FLIR** Stand E42 Stand F14 **PENTAGON BUNKERS Airbus** Stand F15 Stand E43 **C-CORE Canada Defence Solutions Meridein Grupp** Stand E44 Stand F16 **Temeso** Stand E46

## Estonian Defence Week:

## Shaping the Future of Defence

stonian Defence Week is a flagship event show-casing Estonia's dynamic and high-tech defence industry. Scheduled from September 22-26, 2025, the event takes place in Tallinn's Kultuuri-katel Creative Hub and Tartu Ülenurme Airport. Its main objective is to introduce the defence companies from Estonia and its neighbouring countries, highlighting the innovative products and technologies they develop. The event brings together industry leaders, investors, and international experts to foster cooperation, discuss defence and security policies, and explore new opportunities in the sector.

Estonian Defence Week aims to reinforce Estonia's position as a credible and innovative partner in the defence industry.

Organised at a time when defence spending is increasing globally, Estonian Defence Week aims to reinforce Estonia's position as a credible and innovative partner in the defence industry. The event supports the growth and visibility of Estonia's defence sector and demonstrates its capability to contribute meaningfully to global security. Estonia's strategic location on Europe's eastern border and its agile, innovation-driven approach makes it uniquely positioned to contribute to regional and international defence efforts.

The Estonian defence industry has experienced remarkable growth in recent years. In 2024, the industry reached a turnover of approximately €500 million, with €350 million generated from exports—a 30% year-on-year increase. Comprising around 170 companies, including

20 new entrants in the past year, Estonia's defence sector thrives by focusing on high-tech innovations rather than traditional large-scale weapon manufacturing. This focus allows Estonia to specialise in smart, integrated systems that enhance the performance of existing platforms, making them more effective and responsive to modern combat requirements.

## Future warfare technologies manufactured in Estonia

One of the defining features of Estonia's defence industry is its emphasis on technologies relevant to future warfare. These include autonomous vehicles, drone systems, counter-drone solutions, electronic warfare, and advanced situational awareness platforms. The battlefield in Ukraine has served as a proving ground for Estonian innovations, with over 10 Estonian companies active there. Their technologies support real-time combat operations and medical evacuations, confirming their relevance and effectiveness.

## **Unmanned platforms**

Milrem Robotics, founded in 2013, has established itself as a global leader in unmanned ground vehicles (UGVs) and robotics-based defence solutions. Its flagship product, the THeMIS UGV, is a versatile, multi-role platform designed for transporting supplies, providing fire support, and conducting reconnaissance. Widely used in Ukraine, it helps reduce risks to soldiers while improving mission efficiency.

Alongside THeMIS, Milrem offers advanced platforms such as HAVOC and VECTOR Robotic Combat Vehicles. HAVOC is an 8×8 autonomous combat vehicle equipped with Al-driven systems, built for complex terrains and combat conditions. VECTOR is a highly adaptable platform that boosts firepower, mobility, and situational awareness on the battlefield. Both vehicles are designed for modular integration and can operate autonomously with minimal human control, especially when equipped with Milrem's Intelligent Functions Kit (MIFIK).



The battlefield in Ukraine has served as a proving ground for Estonian innovations, with over 10 Estonian companies active there.

Kalev Koidumäe, CEO of the Estonian Defence and Aerospace Industry Association, addressing the event. Photo by Andres Raudjalg

In the aerial segment, Threod Systems develops fixed-wing unmanned aerial systems (UAS) like the EOS C VTOL, a compact 14.5 kg drone capable of vertical take-off and landing. It provides high-performance surveillance and intelligence gathering and has recently been enhanced with laser designation capabilities for precision targeting. Threod's systems are deployed in 25 countries, including several NATO members and Ukraine, where they are actively used in combat operations.

Threod also produces the CATA launcher system, designed for rapid deployment and recovery of drones in tactical environments. Known for its fast setup and reliable performance, CATA is particularly valued by Ukrainian forces for frontline reconnaissance missions.

A rising player in ground robotics is ASAX Innovation, which focuses on medical evacuation in combat zones. Its ASAX H-2 UGV is a remotely operated vehicle capable of extracting wounded personnel from hazardous areas. It can carry up to 300 kg and travel 50–100 km per refuel. ASAX collaborates with SkyLab Defence Robotics in Ukraine for control systems and with Estonia's Maru Defence to deliver an integrated solution—from frontline evacuation to stabilisation and hospital transport.

## **Electronic warfare systems**

Rantelon leads the region in electronic warfare, with innovations like the DTS-9058 system, capable of detecting enemy drones—even before takeoff—and identifying remote control locations. Their use of artificial intelligence ensures

precise direction-finding and improved airspace security in complex environments.

## **Counter-drone systems**

In the counter-drone field, Marduk Technologies and DefSecIntel Solutions have developed cutting-edge systems for identifying, tracking, and neutralizing next-generation drones. Marduk's Shark and Piraya systems use passive electro-optical detection to counter silent or low-flying reconnaissance drones. These tools have received accolades at European defence competitions and are being integrated into critical infrastructure defence programs.

## Situational awareness systems

Vegvisir, a startup with Estonian-Croatian roots, is enhancing battlefield awareness through augmented reality. Their ultra-low-latency systems—Core, Remote, and Virtual Command Station—give soldiers and commanders a 360-degree understanding of their surroundings. The technology replaces traditional display systems with AR-based visualization, improving decision-making and coordination during missions. A new partnership with Milrem Robotics aims to integrate these systems into unmanned vehicles, increasing situational awareness for autonomous platforms.

Adapted from Life in Estonia magazine



# Estonia's Smart Defence Industry – Punching Above Its Weight

stonia is rapidly emerging as a global innovation hub in the smart defence industry. Though small in size, Estonia has demonstrated its ability to make a significant impact on the battlefield by leveraging its strengths in innovation, agility, and digital know-how. The country's strategic goal is clear: to integrate its defence industry into the broader European ecosystem and become the most attractive base for defence companies developing disruptive technologies.

The Estonian defence industry is centered not on mass production but on smart, high-tech solutions—tools that enhance battlefield awareness, enable autonomous operations, and make traditional systems smarter. This innovation-driven approach is rooted in Estonia's "digital DNA," long-standing e-governance infrastructure, and ability to adapt quickly. Rather than manufacturing tanks, Estonia adds intelligence to systems—optimising decision-making, response times, and effectiveness. It's about doing more with less, and doing it better.

Backed by over 15 years of steady development, the sector has grown into a vibrant ecosystem of around 170 companies, many of which are embedded in international value chains. This ecosystem spans R&D, production, testing, and export. Estonia's defence industry aims not only to serve the local market but to scale globally, participating in NATO and EU tenders and exporting to allied nations. In 2024, the sector generated around €500 million in turnover, 70% of which came from exports.

The sector has grown into a vibrant ecosystem of around 170 companies.

The war in Ukraine has also served as a proving ground—technologies are tested under real conditions, offering both validation and rapid learning.

Exports are vital due to Estonia's small domestic market, yet the local defence forces still play a crucial role. Their use of domestic solutions—such as unmanned platforms, communications systems, and situational awareness tools—helps establish trust and credibility in foreign markets. Feedback and testing from Estonia's own defence forces also accelerate product development, while serving as a real-world proof-of-concept. Ultimately, the domestic and export markets are interdependent, each reinforcing the other.

Internationally, Estonian companies are well-positioned. Most were designed from the outset to operate across borders, given local market limitations. Many already participate in Ukraine's defence effort, where more than a dozen Estonian companies provide real-time battlefield solutions. The war in Ukraine has also served as a proving ground—technologies are tested under real conditions, offering both validation and rapid learning. This experience gives Estonian companies a competitive edge in global markets for the next 3–5 years.

Estonia's ambition is supported by a clear set of competitive advantages:

Customer-Centric Development: Products are built around what capabilities need to be delivered—not simply what can be manufactured. There's a deep understanding of operational needs.

Rapid Testing and Adaptation: Proximity to end users and the ability to integrate lessons from Ukraine's battle-field experience allow fast iteration.

Digital Infrastructure: Estonia's leadership in e-governance and digital solutions translates into trust, interoperability, and innovation in defence.

Agility and Flexibility: As a small country, Estonia can pivot quickly, adjusting production and strategy as needed.

Foreign investors are increasingly drawn to this environment. Estonia offers a coordinated ecosystem that supports defence innovation from concept to deployment. The launch of a dedicated defence industrial park is expected to boost capabilities further—especially in ammunition and weapons system production. Thousands of skilled professionals in the sector ensure that investment translates into impact.

One of Estonia's strengths is its ability to scale innovation. The defence sector aims to grow from its current €500 million turnover to €2 billion by 2030, with the ma-

jority coming from exports. The vision is not just economic growth, but also to foster a new generation of companies with turnover exceeding €50–100 million. Estonia aspires to build a sector that not only protects its own borders but shapes the technological capabilities of allied nations.

The country's experience in Ukraine underscores this capability. Estonian companies are not just observers; they are active contributors—delivering surveillance systems, unmanned vehicles, counter-drone technologies, field hospitals, and more. These products have evolved rapidly in response to battlefield feedback, becoming more user-friendly, durable, and functional. For example, drones used in Ukraine must now meet stringent 12-minute deployment timelines—an insight directly impacting product design. Field hospitals have been redesigned for better ergonomics and faster setup. This agile response loop is rare and highly valued globally.

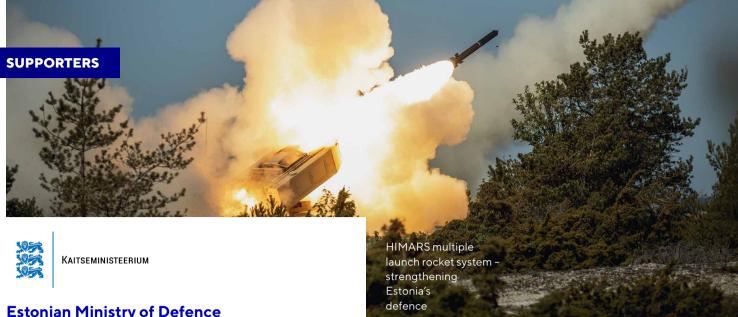
Estonia is also leading efforts to support Ukraine through a proposed €25 million public financing envelope that would allow the country to supply defence technologies to Ukraine at its own initiative—further advancing product development and boosting Estonia's defence capacity simultaneously.

Beyond military value, Estonia's smart defence industry creates economic opportunities. High-value jobs, international partnerships, and innovation clusters are forming. The country is already seen as a reliable partner by its allies. With geopolitical uncertainty rising, Estonia's model offers a compelling blueprint: an integrated, innovation-driven, export-capable defence sector backed by a strong domestic reference and real-world credibility.

The defence sector aims to grow from its current €500 million turnover to €2 billion by 2030, with the majority coming from exports.

In conclusion, Estonia is not just building weapons—it's building a smarter, more responsive defence industry. Its ability to move quickly, collaborate across sectors, and align digital, environmental, and strategic goals gives it a unique place on the global stage. Estonia proves that a small country can lead through innovation, resilience, and vision—punching well above its weight and shaping the future of defence.

Adapted from an article by Maris Hellrand, based on an interview with Taavi Veskimägi, originally published in Life in Estonia magazine



## **Estonian Ministry of Defence**

The Ministry of Defence, led by the Minister of Defence, is responsible for organising national defence in Estonia. Its key functions include proposing and implementing defence policies, overseeing mobilisation and reservist training, and supervising the Defence Forces and the Defence League. The Ministry also develops the defence industry, manages defence resources, ensures international cooperation, and drafts related legislation, ensuring Estonia's security and readiness.

### kaitseministeerium.ee



## NRW.Global Business -Partner for Investment and Trade

The state-owned trade and investment agency NRW.Global Business is the partner for companies seeking investment projects or settling in North Rhine-Westphalia, developing growth markets, and networking internationally.

NRW.Global Business conducts location marketing for Germany's No. 1 investment region and promotes foreign direct investment worldwide. Its experts support investors in tax and legal matters, provide information on the economic structure, analyse investment plans, identify suitable locations, and accompany projects from start to finish.

In close coordination with partners, NRW.Global Business organises joint trade fair presentations abroad and supports international delegations. Numerous industry events further assist companies in establishing and expanding international business.

### nrwglobalbusiness.com





## G4S Estonia -**Leader in Security and Innovation**

G4S Estonia is the leading provider of security solutions with the vision of being the most trusted security partner on the market. As part of the Allied Universal group, the world's largest security services provider, G4S has a global reach and a strong background. Allied Universal employs over 800,000 people worldwide.

Our mission is to make Estonia safer, and we serve more than 100,000 homes and businesses every day. G4S Estonia's 1,900 employees deliver reliable security solutions, from traditional manned guarding to modern technologies. With a 29% market share, we hold a strong position in Estonia. The foundation of our operations is service quality and customer care, confirmed by ISO 9001:2015 and ISO 14001:2015 certifications. G4S continually invests in new technologies to protect everything from individual homes to strategic infrastructure—always aiming to stay one step ahead of threats and ensure peace of mind.

a4s.ee



## **Estonian Defence Week** 2025

Estonian Defence Week (EDW) 2025 brings together international defence and security experts, industry leaders, policymakers, and innovators for five days of events dedicated to advancing Estonia's defence and space industries and defence policies.



## **22 September Defence Innovation Day**

Early-stage startup, dual use and VC event powered by **Tehnopol** and **NATO DIANA Estonian Accelerator**. Estonian DefenceTech Meetup by Estonian Founders Society

## 23-24 September

## The Annual Baltic Conference on Defence (ABCD)

A regional forum for intellectual debate among members of the security and defence community – policy makers, military officials, academics, analysts and media representatives – on defence issues pertinent to NATO and the EU. Organised by the International Centre for Defence and Security (ICDS)

## 25 September

## Estonian Defence Industry Symposium "The Power of Disruption"

The Disruptive Approach Symposium offers participants a deep dive into the technological future, where the latest developments in the defence sector will be explored and debated. Beyond technological innovation, the event will also showcase practical experiences, serving as a platform for exchanging insights and creating new solutions. Organised by Estonian Defence and Aerospace Industry Association (EDIA)

## **25 September** Defence Hack Day

Defence Hack Day is an intense one-day event where builders, engineers, and problem-solvers take on real-world security and defence challenges—from counter-drone systems to demining technologies. Think of it as a mini-hackathon: a focused briefing in the morning, a full day of hacking, and a high-energy pitch competition to close it out.

## 26 September EW LIVE Tartu

EWLive is an event exclusively designed for military and government electromagnetic warfare and CEMA specialists. The event commences with the CEMA/Cost Effective EW Seminar Day on 23 September, followed by two and a half days of live demonstrations on 24-26 September. Each confirmed military delegate is provided with a personalised demonstration schedule to follow throughout the event. Organised by Tangent Link

## **24–25 September**Tallinn Defence EXPO

As part of EDW, there will also be a defence industry **Tallinn Defence EXPO**, focused on Estonian defence industry production and Ukraine's experiences and solutions. This exhibition provides attendees with a unique opportunity to discover members of the Estonian Defence Industy Association's innovative approaches in the defence sector.

## **ORGANISERS**



Estonian Defence and Aerospace Industry Association



NATO DIANA Estonian Accelerator



International Mission Estonia



Tangent Link



The International Centre for Defence and Security (ICDS)



European Defense Tech Hub