



Lithuania

National Defence
Industries Association

NDIA | NGPA



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Erna Suslavičiūtė

Chairman of the Board
National Defence Industries
association in Lithuania

Foreword _____

Dear Partners,

Welcome to our newest directory of the Lithuanian defence and security industry, which has been compiled to show our members' capabilities.

Most of the companies under umbrella of National defence industry association are SME's working on dual use products and actively involved in Research and development. It shall be stressed, that overwhelming majority of business activities are carried out within NATO, European Union and associated countries.

Companies have been actively working with Ukraine defence domain even before the active war broke out in February 2022, and since that are even more active. Thus, many of the products and solutions that are proposed are typically field tested.

Nowadays when the defence industry market has been acknowledged as an important sector for National security and governments are increasing budgets for their defence needs, collaboration also became more important. Lithuanian defence industry is continuously looking for collaboration opportunities with our allies' countries.

This brochure has been created to promote further commercial and collaboration opportunities, provides information about our association companies and their product portfolios.

On behalf of the National Defence Industry Association in Lithuania, we greatly appreciate your interest in Lithuanian defence and security industry and hope this brochure will be a valuable source for you to find new products and partners.

Chairman of the Board
Erna Suslavičiūtė



About NDIA/NGPA _____

Lithuanian defence industry has to be a transparent and integral part of the system of Lithuanian defence.

A complicated contemporary geopolitical environment encourages the state to take decisive steps. The rapidly increased processes of the modernization and expansion of the army demand big financial, organizational and human resources, as well as big effort. Aiming to maintain efficient, rapid and uninterrupted management of defence system, it is crucial to gather together for all the participants of the defence system of the state, including the companies of defence industry and scientific institutions.

In this way, aiming to add to the processes that are important to the state, Lithuania defence industry and scientific organizations joined together into National Defence Industries Association (NDIA) on the 17th December 2015.

Associations pursue: _____

- To unify Lithuanian manufacturers and scientific organizations via transparent collaboration for the strengthening of the potential of Lithuanian defence.
- To create manufacturing capabilities that would ensure the effective functioning of Lithuanian defence and security system during peaceful periods and especially – during crises.
- To encourage Lithuanian industry and science to participate in the supply chain of the defence industry of NATO and the European Union.
- To become a reliable partner while collaborating and consulting Lithuanian governmental and non-governmental institutions about the topics of defence industry and science.
- To collaborate with the organizations, related to NATO and the European Union.
- To represent their members in international organizations.



Mision

To create the Lithuanian National Defense Industry ecosystem, to promote its integration into the European Union and NATO defense technology development ecosystem and supply chains. To strengthen Lithuania's defense potential by developing a viable industry that works closely with Lithuania's defense and security systems.

Vision

To be an association uniting Lithuanian defense industry organizations, promoting creative and productive cooperation in the field of defense in Lithuania and beyond.

Benefits of being a member of association

- Association receives restricted information from other partners, countries, which it shares with members;
- If necessary, the interests of association members are represented in state institutions;
- Networking, cooperation between association members, new partnerships in the development of new joint products, etc.;
- Being more visible/heard in this sector/market;
- Sharing relevant information, problems and searching for possible common solutions among association members.



OVERVIEW

Beesense specialises in designing, developing, and manufacturing advanced multi-spectral integrated systems for land, air and maritime applications.

Delivers unique turnkey solutions for intelligence gathering, surveillance, and reconnaissance in the homeland security and defence sectors.

PRODUCT PORTFOLIO

Product family – MANTIS

Stand-alone camouflaged tactical observation systems for remote and unattended surveillance missions. The Mantis integrates high precision thermal/day cameras and internal radar, 90° FOV and a 2km detection range, with an optional solar panel for an independent power supply.



Product family – FIREFLY

Compact family of all in one multi-sensor systems, the multi-channel surveillance system combines short- to medium-range radar with day/thermal cameras and advanced AI-based data analytics. It is the optimal visual-gaps filler solution for border protection, airport security, critical asset security, and mobile/tactical applications.



Product family – BEE

Automated PTZ camera systems feature 360 degrees continuous zoom, thermal imagery, CMOS technology, providing excellent detection, recognition, identification capabilities with unique image processing, mid- long range (3-26km).

Product family – LADYBIRD

Gyro-stabilized camera systems is specially configured to provide precise and fast line of sight (LOS) control for ground, aerial and maritime surveillance applications.

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OVERVIEW

Private company Elsis TS, UAB was established in 2003. Forming part of Elsis Group, the company carries out activities in the areas of information and communication technologies (ICT) and engineering solutions. The company offers integrated complex solutions for data collection, telemetry, communications, environmental monitoring, automation of production equipment and processes, renewable energy, defence and security for Lithuania's market.

Main market segments in which Elsis TS operates include energy, environmental protection, transport, production, defence and security.

PRODUCT PORTFOLIO



LAND FORCE

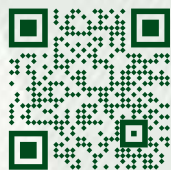
- Tactical radio communications systems
- Intercoms for armored vehicles
- SATCOM systems
- C2 integration services
- Installation, Integration, technical support and maintenance services for third parties equipment

AIR FORCE

- Ground to air communications systems for military airports and aircrafts
- Voice communications systems
- Air Traffic Control systems for military airports: DVOR/DME, ILS, TACAN, Radars
- Installation, Integration, technical support and maintenance services for third parties equipment

NAVY

- HF/VHF/UHF communications
- Direction finders
- Coastal surveillance radars
- MRCC communications systems
- SATCOM systems and airtime services
- Installation, Integration, technical support and maintenance services for third parties equipment



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OVERVIEW

Novian PRO UAB is an information systems and software development company. Established in 2004, Novian PRO assumed the expertise and specialists of the Elsis group's design and programming division. As of 22 October 2021, Novian PRO joined the Novian IT infrastructure and software services group.

Novian PRO employs more than 40 highly qualified professionals: project managers, systems analysts, designers, developers, and quality engineers.

Our mission is to create professional software in line with our clients' needs, from formulation of the initial idea and needs analysis to design, development, and testing, through deployment, user training and support.

Our vision and goal is to satisfy all of our clients' specific needs for information systems and software products, providing them with advanced solutions based on the latest technologies.

PRODUCT PORTFOLIO



• Middleware platforms

• **Tactical defence communication** (plugins and applications to enable tactical data exchange between different platforms and standards.)

• Big data analytics other

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www.novian.io/novian-pro/



OVERVIEW

For more than a quarter of a century, UAB Tigbis has been successfully developing universal and niche technological solutions in the field of telecommunications control. Starting its operations in 1995, the company has focused its electronics design and manufacturing on the need for law enforcement agencies, banks and other commercial organizations to store and process large amounts of data to meet the high security requirements of such activities.

PRODUCT PORTFOLIO

10Gb Sniffer



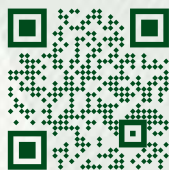
Functional description:

"10G Sniffer" is a tactical hardware and software for controlling information transmitted over the Internet. This equipment is designed to perform tactical passive interception and initial processing of Internet data of the controlled targets.

Cellular communications control equipment



Functional description: These are passive and active equipment for monitoring telecommunication events and content in 2G, 3G and 4G networks.



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OVERVIEW

UAB "Inorega" is a technological production company that offers quality services to its partners. We focus on the use of innovative reinforced polymers, composite fabrics and fiber-reinforced technologies in manufacturing processes to create products and new raw materials. Lighter than aluminum, stronger than steel.

Modern industrial solutions and long-term cooperation.

PRODUCT PORTFOLIO

Reinforced polymers:



Composite body:



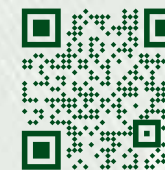
Composite fabrics and yarns :



3D Printing filaments and granules:



3D printing:



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OVERVIEW

Skobo Group – a constantly growing metalworking company dedicated to custom part production and mechanical problem-solving. With a firm commitment to excellence, we cater to the specific needs of our esteemed military clients. Our expertise extends beyond production, as we are also offering comprehensive services that include mechanical solutions, repairs, and restorations for vital components.

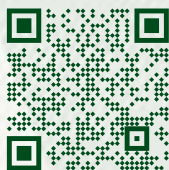
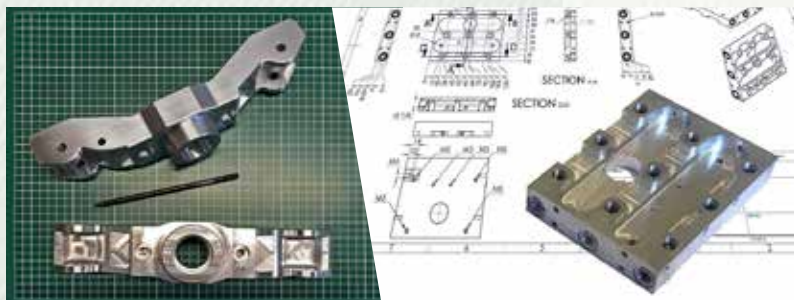
Trust Skobo Group to deliver with high quality and reliability for precise requirements given by military.

PRODUCT PORTFOLIO

CNC MACHINING ENGINEERING

Experts of mechanical components production with CNC machinery:

- CNC milling up to 600x506x1200 mm;
- Materials: Plastics, aluminum & steel alloys;
- Production quantity: 1-5000 pcs.



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OVERVIEW

We are Detonas Joint Stock Company. We are a 100% state-owned company, listed in the National Security Companies List. The company produces ANFO-type and emulsion-type explosives. We also carry out blasting and demolition works.

Detonas is the only company in Lithuania capable of manufacturing both explosives and weapons (including their components), as well as ammunition and their parts.

The company has all the necessary permits, ISO certificates and approvals.

We are open to all opportunities for cooperation.

PRODUCT PORTFOLIO



We hope to become part of the military industry and can offer our partners:

- manufacturing of explosives;
- 24/7 armed protection of the territory;
- storage services for various hazardous materials and explosives (buildings protected by dikes);
- more than 5 hectares of free territory for development or construction.



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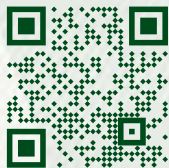
OVERVIEW

MB "Sprendimai pramonei" is an independent industrial automation and production company located in the city of Kaunas.

Company is oriented in custom-based solutions for manufacturing industry. Company provides all necessary development process steps – starting from designing effective solution for customers needs to installing fully finished product in the field.

PRODUCT PORTFOLIO

F-36 anti-drone system is characterized by innovative design and has a compact solution for sky tracking. Unique solution for sky tracking uses high resolution and wide angles cameras to detect moving objects. All functions are implemented in one place - recognition, tracking and jamming system. F-36 requires only Ethernet and 110/230VAC connections. Control through WEB application.



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OVERVIEW

Since 2001, company Esemda has been helping it's clients deliver innovative products and build success in their respective markets. Located in Lithuania – emerging hub of high-tech and IT hub of CEE – ESEMDA is an electronics manufacturing & design services provider with customers ranging from start-ups to blue chip companies all over the world. Our goal is to be the highest quality, reliable and extremely flexible partner.

PRODUCT PORTFOLIO



SERVICES

- Mass electronics production and prototyping
- Production supply
- SMT&THT assembly, testing
- X-Ray inspection
- Automatic washing, coating, potting
- Box Build assembly
- After-sales and warranty services

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OVERVIEW

Lithuanian Energy Institute (LEI) is internationally recognized energy-related research, development and innovation (R&D&I) competence center. LEI is state budgetary institution.

Lithuanian Energy Institute was established in 1956 and became known among local and international scientific society interested in fundamental research in hydrodynamics, thermal physics, material science, simulation and control of power supply systems, hydrology, energy economy. The current name of the Institute was given in 1992 by the Government of the Republic of Lithuania.

SUBDIVISIONS



Laboratory of Heat-Equipment Research and Testing



Nuclear Engineering Laboratory



Laboratory of Materials Research and Testing



Center for Hydrogen Energy Technologies



Laboratory of Energy Systems Research



Laboratory of Combustion Processes



Plasma Processing Laboratory



Laboratory of Nuclear Installation Safety



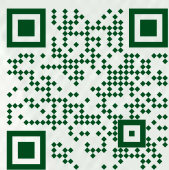
Smart Grids and Renewable Energy Laboratory



Laboratory of Hydrology

LEI STRATEGIC R&D&I TOPICS

- | | |
|--|--|
| I. Thermal physics, gas and liquid dynamics; metrology research; | III. Safety and reliability research of nuclear and thermal nuclear power engineering; |
| II. Research of materials; renewable energy; H2 energy and storage technologies; | IV. Methods of nuclear waste management; |
| | V. Simulation and management of power systems, energy economy. |



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OVERVIEW

CENTER FOR PHYSICAL SCIENCES AND TECHNOLOGY (FTMC) is the largest scientific research institution carrying out a unique fundamental research and technological development works in scientific fields of laser technologies, optoelectronics, nuclear physics, organic chemistry, bio and nanotechnologies, electrochemical material science, functional materials, electronics, etc. in Lithuania. In the Center not only the innovative science but also high technologies expedient for business and society needs are developed.

FTMC was established in 2010 by joining institutes of Chemistry, Physics, Semiconductor Physics in Vilnius and Textile institute in Kaunas. Over the recent years the Center combining different science branches has become one of the leading scientific institutions in Lithuania.

PRODUCT PORTFOLIO



Unique fundamental research and technological development works in scientific fields of:

- | | |
|-----------------------|-------------------------------------|
| • laser technologies, | • bio and nanotechnologies, |
| • optoelectronics, | • electrochemical material science, |
| • nuclear physics, | • functional materials, |
| • organic chemistry, | • electronics, etc. |



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CENTER FOR PHYSICAL SCIENCES
AND TECHNOLOGY
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Web: www.ftmc.lt

OVERVIEW

We are company JSC "Info S" based in Vilnius, which implements projects of a large scope.

Our dedicated team works on a daily basis to provide our customers with reliable, easy-to-use, modern communication tools, and systems.

We are content that since 2003 we dominate the Lithuanian telecommunications sector, and since 2009 we are partners with one of the largest manufacturers in this sector in the world – "Motorola Solutions".

PRODUCT PORTFOLIO



SERVICES –

Two way radio equipment programming;
Two way radio rent; Warranty and after warranty repair; Installation, antenna tuning

VIDEO SECURITY AND ANALYTICS –

Video Security; Video Analytics; Access Control; Body-Worn Cameras

SOFTWARE AND APPLICATIONS –

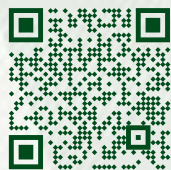
Broadband Push-To-Talk;
Two-Way Radio Applications; Dimetra Dispatch Consoles; DMR Dispatch Consoles; Records & Evidence

TWO WAY RADIO SOLUTIONS –

Tetra; Mototrbo (DMR) digital mobile radio; Two-Way Radios – Licensed; Unlicensed Two-Way Radios

PRIVATE BROADBAND –

LTE Devices; LTE Systems



INFO S, JSC

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and www.racijos.lt

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Lithuania



OVERVIEW

Vilnius Gediminas Technical University (VILNIUS TECH) is a leading higher education institution of technological science education situated in Vilnius the capital of Lithuania. Established in 1956 VILNIUS TECH is one of the biggest research universities in country with a focus on technologies and engineering and strong emphasis on university-business cooperation, with around 10 thousand students at Bachelor, Master and Doctoral degree studies and 1570 staff members. VILNIUS TECH comprises 10 faculties, 13 institutes and 3 research centers.

Security topic in university developed in three faculties: The Faculty of Fundamental Sciences, Faculty of Electronics and Antanas Gustaitis' aviation institute.

PRODUCT PORTFOLIO



Research areas and services:

- Software system engineering;
- Architecture of intellectual systems;
- Security of information systems;
- Application of artificial intelligence for cyber threat recognition;
- Artificial intelligence algorithms;
- Computer modeling in high frequency semiconductor objects;
- Unmanned aerial vehicle application and development services;
- Remote data collection;
- Environmental modeling and visualization;
- Development and research of real-time systems for multimodal signal and image analytics based on artificial intelligence;
- Development and research of electro-dynamic and high-speed electronic devices;



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OVERVIEW

Tempus Novum Ltd. has been operating since 2013 as supplier of military & defence and fire & rescue equipment to the national authorities in Lithuania.

Our key activities cover representation of global industry leading manufacturers in Lithuania and preparation and implementation of public procurement projects.

PRODUCT PORTFOLIO



SUPPORT OF MILITARY FLEET

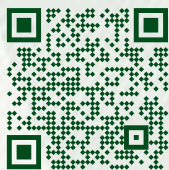
- Complete turret solutions
- Spare Parts supply for military vehicles

SUPPLY OF INTEGRATED INFRASTRUCTURE SOLUTIONS

- Frame and inflatable hangars
- Mobile tent systems
- Decon/Colpro, CBRN protection

SUPPLY OF DEFENCE & MILITARY TEXTILE PRODUCTS

- Uniforms & Camouflage
- Sleeping bag systems
- CBRN Protection
- Bulletproof vests
- Combat helmets



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OVERVIEW

BLIKAS - A PROFESSIONAL PYROTECHNIC SERVICES COMPANY FOR 25 YEARS!

- We create and perform various types and scales of fireworks, pyrotechnic effects and laser compositions.
- We sell professional pyrotechnics and effects, professional and other categories of fireworks.
- We rent and service fire torches and vessels, inflatable screens and other fire, gas, smoke effect devices.
- Production of pyrotechnic products.

PRODUCT PORTFOLIO

1. Electric igniters initiators; different kinds:



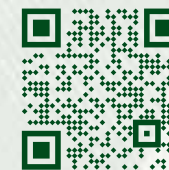
2. Training flash:



3. Training flash bang:



4. Detonation system:



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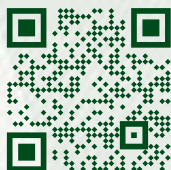
OVERVIEW

- Founded in 2008, MT Group is an EPC Contractor that executes pilot energy projects in Europe.
- Successful track record of completion of energy projects of national & regional security in Europe.
- Experience in fast track project execution.
- Ability to manage complex projects and take on non-standard assignments.
- In-house know how of design, manufactory and installation of steel structures.
- Experience in offshore and underwater works.
- Potential to manage order & supply of long lead technological equipment.
- Impeccable reputation.

PRODUCT PORTFOLIO



- Wide profile welding works incl. necessary equipment for cuttings & bevelling of different type & characteristics of steel.
- Welding in our workshops or ability to set up a temporary welding workshop incl. separate bunkers for NDT & other processes.
- Certified engineers, designers, construction & project managers.
- 2 workshops located in North West Lithuania of 8 500m² inside and 60 000m² outdoors in total, incl. cranes, bending equipment, painting shops, etc.
- Design & stress analysis, workshop drawings, prefabrication & welding, NDT, VT & PT inspections, surface treatment & painting, logistics, erection.
- Rent of heavy machinery equipment.
- All activities performed according to international standards.



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OVERVIEW

We are a specialized battery supply and maintenance company - we have been working on the market for almost 30 years. Our exceptional team of professionals and accumulated work experience gives the customer the opportunity to choose a product according to the manufacturer, quality or price.

PRODUCT PORTFOLIO



We advise on the use of batteries, test and charge batteries, test car electrical equipment, and also carry out repairs. We represent the following brands in Lithuania - "ZAP", "TAB", "Energizer", "Dynavolt", "BS-Battery", "Landport", "Dynac". These are batteries for all cars and trucks, agricultural and construction machinery, buses, motorcycles, ships, boat electric motors, wheelchairs, alarm and security systems, emergency lighting systems, military equipment.



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Contacts



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INDUSTRIES ASSOCIATION

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Members of NGPA



NOVIAN | Pro

