

CzechRepublic



Czech Defence Industry Representation



1918
100
2018



CzechRepublic

Please visit us at the Czech Pavilion no. 1CW9 Hangar 1

and do not forget to attend our

Official presentation of the Czech companies

Highlights of the Czech Defence Industry

20 September from 14:00

AAD 2018 – Presentation Theatre – Hangar 6

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Tradition and Quality

Roots of Czech Defence industry can be traced back long before the country gained its independency in 1918. Vast majority of defence related production within Habsburg Empire took place in territory historically famous for its industrial development known today as the Czech Republic. Exposure of the Czech Defence Industry then naturally carried on and grew with demand during difficult times of both WWII and Cold War too.

Therefore, Czech companies as well as Czech Defence Industry as such are based on a very rich inheritance and long tradition resulting in outstanding quality and cutting-edge engineering and technological solutions. Czech companies have traditionally excelled in fields of aircraft making, arms and ammunition, heavy-duty armoured vehicles, surveillance and navigation systems, and many others.

It is also worth to mention that 90% of defence related production of the Czech Republic is nowadays exported on a worldwide scale, great example of which is displayed TATRA 8X8, a heavy-duty off-road truck, equipped with Denel's Howitzer Super Structure which happens to be a wonderful example of Czech and South African cooperation.

It is of our great pleasure and honor to be able to introduce to You a great variety of Czech companies across different sectors of Czech Defence Industry at the occasion of AAD 2018.

Michal Král
Ambassador

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Česká zbrojovka a.s.

Česká zbrojovka a.s. also known as CZUB produces since 1936 large portfolio of weapons for the armed forces and civilian markets. Production of a new generation of cutting-edge weapons as CZ SCORPION EVO 3 A1 submachine gun, CZ 805 BREN and CZ BREN 2 assault rifles, CZ P-07, P-09 and P-10 C pistols, CZ 455 modular rimfire rifles, CZ 557 rifles, Brno Combo rifle/shotgun and others. CZUB supplies the Czech Army as well as foreign armed forces (e.g. elite French anti-terrorist unit GIGN also uses CZ BREN 2 assault rifles, etc.). The most significant market for CZUB is USA, the company sells around half of its total production there.

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ERA a.s.

ERA is a leading company in multilateration, multistatic surveillance, and reconnaissance technology. Unrivalled experience in passive surveillance sensor development provides ERA with unique know-how to deliver comprehensive solutions for global markets. ERA develop, manufacture and implement mission-critical systems for military and civil purposes.

Over last 2 decades, ERA has reached number of more than 100 installations, deployed in over 62 countries on 5 continents. ERA has developed unique passive surveillance system VERA-NG that defines new sensor category DPET (Deployable Passive ESM Tracker) tailored for air, maritime and land target surveillance and reconnaissance for defence and electronic warfare purposes.

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EVPÚ Defence a.s.

Our inhouse development, design and full customer service includes but is not limited to:

- special surveillance electro-optical systems for strictly civil use (eg. monitoring of air pollution) or for various civil, police or army services for border protection, airport, coastline, army base and other areas of interest and property monitoring
- surveillance and monitoring vehicles (eg. VW Transporter, Ford, Mercedes Sprinter, Nissan Patrol)
- surveillance roof box systems, towers, trailers and containers
- gunner and commander sights
- uncooled IR cameras, daylight colour CCD camera, HD-SDI cameras
- software applications designed for monitoring system drive and complex accessories.
- system and sensor cables, GPS, DMC, LRF, lifting mechanism for electro-optical systems, seismic systems etc.

We offer complete project solution according to the customer's requirements.

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EXCALIBUR INTERNATIONAL

EXCALIBUR INTERNATIONAL a.s.

EXCALIBUR INTERNATIONAL is export agency representing the Aerospace Division within the Industrial Holding CSG. This division whose motto is "The comprehensive aviation solution," integrates multiple renowned Czech and Slovak companies which operate in the airspace industry. Provides a comprehensive range of air services navigators for the Czech Armed Forces and international defense customers to support their day-to-day activities and improve overall safety on the ground and in the air. Production portfolio encompasses a wide variety of cutting-edge solutions for civil and military applications including radar systems, mobile control tower, air traffic management systems, simulators, command and control systems, recording systems and situational awareness systems.

Leader in the Czech Republic to sell fixed-wing and rotary-wing aircrafts as well as to provide a supply of spare parts and avionics from the world leading original equipment manufacturers. Also specialized in aircraft design and its development, maintenance, repair and overhaul, integration of avionics and modernization of used aircraft and legacy radar systems. Also established an aviation training academy offering various types of flight training for beginners as well as advanced pilots.

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JISR Institute, a.s.

Institute for researching and creating SOLUTIONS in the field of Joint Intelligence, Surveillance and Reconnaissance (JISR) capabilities for Military and Civil State organisations. We can provide tailored solutions for different missions and tasks for customers – army special Joint ISR and EW teams. JISR Institute provide special technical, tactical and operational training on different ISR and EW systems as well.

Special technologies for EW departments of Armed Forces – Radio Surveillance, Jammers, Cooperative SW, Solutions for ESM, EW and Intelligence.



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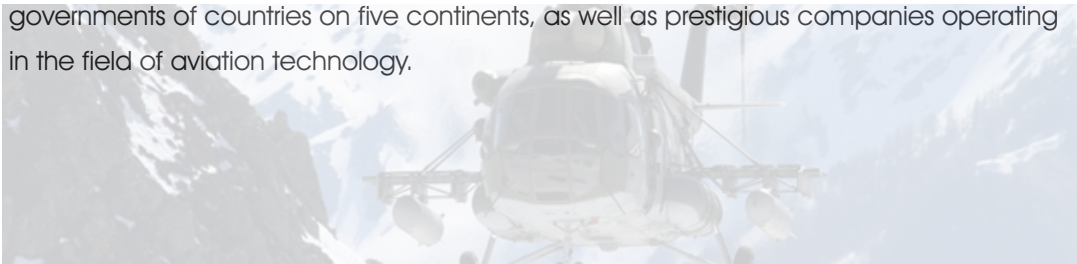
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LOM PRAHA TRADE a.s.

Lom Praha Trade a.s. focuses on trading in the field of helicopter (airframe) maintenance of the Mi range, as well as the maintenance of engines, gearboxes and other aggregates, training of aviation and ground staff and securing spare parts for the maintenance of helicopters and their aggregates. The key customers of LOM PRAHA TRADE include governments of countries on five continents, as well as prestigious companies operating in the field of aviation technology.



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Meopta Systems s.r.o.

Meopta Systems s.r.o. is an international company with a long rich tradition of developing, manufacturing and assembling world class optical, opto-mechanical and optoelectronic products. Meopta's state of the art design, engineering, manufacturing and assembly capabilities enable it to provide the highest quality products and services to the industrial, military and consumer markets. Meopta operates state of the art facilities in both the United States and the Czech Republic developing and manufacturing the most technologically advanced, high performance products and sub-assemblies in the world.

From precision medical and scientific instruments to digital cinematic projectors, aerospace technologies, military weapon systems and consumer sports optics, Meopta's unparalleled experience allows it to design, engineer and manufacture a diverse array of high quality products across a broad spectrum of markets and industries, making it a global leader in the optical field.

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PBS Velká Bíteš a. s.

PBS Velka Bites a.s. is a leading manufacturer of turbojet engines for UAVs and target drones, further APUs and ECS. Our turbojet engines with their power-to-weight ratio enjoy privileged position in the world.

Products: turbojet engines- PBS TJ40, PBS TJ80, PBS TJ100, PBS TJ 150; turboprop and turboshaft engines; auxiliary power units; aircraft environmental control systems.



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REDO s.r.o.

REDO s.r.o. is a leading manufacturer of high quality products, particularly of Modular Load Carrying Systems designed for Armed Forces and Law Enforcement. REDO introduces a special program, related to the support of medical personnel among armed forces and security agencies. Apart wide variety of medical kits, accessories and special combat applications, REDO is also a distributor of Active Carbon Bandages, that is a sterile bandage with activated carbon in micro-filament form for increased suction capacity. Three products based on this technology serve as first aid kit, as well as middle and long-term treatment of sustained wounds.

Products:

- Ballistic equipment (helmets, vests)
- Rucksack, backpacks (operational, tactical; military, police,)
- Combat wear (military, police, security)
- Active Carbon Bandages (medical device)

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TATRA EXPORT s.r.o.

The Kopřivnice automotive maker, known under the TATRA brand, ranks among the oldest car and truck factories in the world. TATRA, today member of CSG CZECHOSLOVAK GROUP, has significantly influenced the automotive industry in the Czech Republic and abroad.

The main production program covers heavy-duty off-road vehicles and trucks for combined on/off road transport. TATRA trucks are famous for their go-anywhere ability in most difficult terrains under extreme weather conditions, high reliability and excellent utility properties resisting both to frosty weather and abnormally high desert temperatures. TATRA simply takes you further.

TATRA 8X8 heavy-duty off-road truck equipped with Denel howitzer super structure exhibited at the AAD 2018 is an example of the Czech and South African cooperation.

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**International Platform
for Trends & Technologies
in Defence & Security**
www.future-forces-forum.org



Be Part of the World Forum on Future Trends in Defence and Security

The Czech Republic will host the 13th edition of specialized international meetings and exhibition FUTURE FORCES FORUM (FFF) in Prague on 17 - 19 October 2018. All events are primarily focused on presentation of needs of armed and security forces, state-of-the-art technologies, R&D programs, and business opportunities, with interactions between all participants due to the interconnected topics.

For more information about the program please access

www.future-forces-forum.org

or contact

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