The Embassy of the Czech Republic in Spain, the Ministry of Defence of the Czech Republic and the General Directorate of Armament and Material DGAM – Ministry of Defence of Spain organize this institutional and industrial session. The meetings will bring representatives of the Ministries of Defence of the Czech Republic and Spain and the industries of both countries together.

The industrial activities have been arranged counting on the cooperation of AOBP – the Defence and Security Industry Association of the Czech Republic, AESMIDE – Spanish Association of Contractors with Public Administrations and TEDAE - Spanish Association of Defence, Security, Aeronautics and Space Technology Companies.









5M s.r.o.

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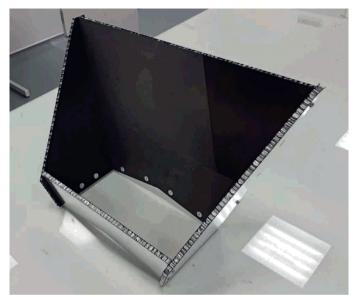
www.5m.cz

The company 5M s.r.o. is one of the biggest European composite and sandwich panels producers originally founded in 1992 as a fully private and purely Czech company. From humble beginnings, the company has gradually grown until today, when we have almost 250 employees, 10 000 m2 of production space, newly built production halls and strong development with very well equipped testing laboratories. Our customers include aircraft manufacturers (transport, training, ultralights), manufacturers of rolling stock and their accessories, road vehicle manufacturers (buses, trucks and cars), manufacturers of electrical equipment and components. **5M**

Important part of 5M activities are space applications, especially structures for satellites and mechanical subsystems. Main customers







are ESA, Thales Alenia Space and also NASA cooperation was set.

Defense special composite based applications are developed in 5M based on customer requirements.

Production made by 5M s.r.o. for the Defense segment:

Sandwich panels — the "shoe shield" developed for the German army. The special sandwich panel for the protection of the troops against the mines. The sandwich was developed as a part of the heel of the shoe to prevent the fatal damage caused by fragments after the mine explosion.

Composite profiles – Composite reinforcements of the armored vehicles tracks made from the rubber

Adhesives – Adhesives used for repairing the helicopter rotor blades. Adhesives used for connection of reactive parts of the bulletproof vests (only development).

Other possible products for Defense segment:

Reactive armor parts of the tank armor (sandwich)

Various carbon tubes for drones/rockets/planes.

AVEC CHEM

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www.avec.cz



AVEC CHEM, company from the Czech Republic, designs, develops and manufactures personal and collective protective equipment against chemical,





biological and radioactive substances.

AVECH CHEM's products protect soldiers, police officers, first responders,



medical staff, firefighters and industry workers in more than 60 countries in five continents.

Years of experience, close contact with substances, perrusers, innovative approach, use of the tactical half most modern technologies and mouth pieces, materials, this all have helped AVEC collective filters. CHEM to develop a new generation of

light, comfort and highly reliable PPE.

AVEC CHEM manufactures and delivers a complete range of filters against toxic substances, permeable protective suits, tactical half masks, full face masks, mouth pieces, escape hoods and collective filters.





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ERA a.s. 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 air traffic control and management global markets. We develop, manufacture and implement missioncritical systems for military and civil purposes. Over the last 2 decades, ERA has reached a number of more than 130 installations with 24/7 operations fulfilling demanding customer requirements. 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. In parallel, introducing new technologies to adapt ERA made air traffic control history

when deploying the first multilateration system and introducing gate-to-gate surveillance. We intend to continue to today's and tomorrow's challenges.





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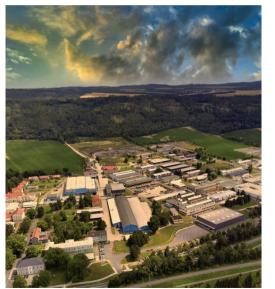
www.excaliburarmy.cz



EXCALIBUR ARMY, CZECHOSLOVAK

GROUP's industrial holding, is the leader in the Czech military equipment market. Its history dates from 1995. At present, it focuses on research and development. production, service, repairs and modernization of military wheeled and tracked land platforms, and on sale of military the

belonging to vehicles and land systems, spare parts and



military equipment. The company has production capacities for producing of heavy off-road wheeled chassis, electronics, ammunition, special containers or armored vehicles.

EXCALIBUR ARMY owns several production and storage facilities all over the Czech Republic and is thus an important Czech



employer. It cooperates with a number of companies not only from the defense and security industry, and the company is a world and cooperates with renowned member of the Defense and Security global manufacturers.

Industry Association of the Czech Republic. It has customers around the





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OPTOKON a.s. is a leading global designer and manufacturer of fiber optic network solutions specializing in the production of military tactical components for use in harsh environmental conditions. OPTOKON currently supplies the military forces of more than 20 countries with high-quality military

tactical components using unique Expanded Beam technology. Our extensive product portfolio of ruggedized products includes our new generation of highly versatile mobile computing LMCP platform, HMA connectors, high-class Rugged IP phones, ruggedized





LMSW Switches, ruggedized LMC media converters, rugged test equipment, LMSR - R63 ruggedized next-gen gigabit routers, LMSW — E33 ruggedized gigabit ethernet layer 2 managed PoE switches, LMS 41H- 2U ruggedized fanless servers and the LMUPS uninterruptible power supply series. Our product portfolio also includes a full range of passive and active devices, optical cables, attenuators, PLC and FBT couplers, xWDMs

and the latest SFF models and ribbon connectors. Key segments in the product range are portable hand held fiber optic testers ideal for use in FTTH networks. The OPTOKON Czech and Malaysian calibration laboratories offer accredited calibration services. Our Testing Division conducts mechanical, thermal and EMC tests according to standard EN ISO / IEC 17025.





RUBENA, s.r.o.

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Rubena is a traditional manufacturer of rubber products, which are widely used in all industries. We offer



sophisticated products and solutions that can be applied even in the most demanding operating conditions. That is why we have been a reliable supplier of our products for the army and civil defense for many decades.

Our products for the military and civil protection include:

- pneumatic suspension for off-road vehicles and special equipment,
- rubber V-belts,
- rubber and rubber to metal molded parts,



- flood protection walls,
- rubberized fabric fuel flexible tanks for aircraft industry,
- flexible tanks for storage and transport of liquids,
- elastomeric solution for safe storage of military equipment,
- fenders and other pneumatic elements for port protection and port ecology.

Our company supplies the above products and solutions to many industrial companies and many armies within NATO, but also, for example, in the regions of South America and Australia.



TATRA TRUCKS a.s.

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TATRA TRUCKS a.s. the automotive maker located in Kopřivnice, Czech Republic, known under the TATRA brand, ranks among the



oldest car and truck factories in the world and, with our more than 170-year continuous activity we have significantly influenced the automotive industry worldwide.

TATRA trucks are based primarily on the Tatra design concept, the central backbone tube with swinging half axles. Heavy trucks from Kopřivnice are famous for their goanywhere ability in most difficult terrains under extreme weather conditions, high reliability and excellent utility properties.

TATRA resists both to frosty weather and abnormally high desert temperatures.

The current truck range comes up to meet



the customer requirements. The product portfolio is represented by TATRA PHOENIX vehicles, TATRA FORCE and TATRA TACTIC (rigid portal axles).

The company's important business territories include domestic market (Czech Republic,

Slovakia), Europe, Israel, India, the Arabian Peninsula and Australia. The dominated market segments are Defence, Construction, Mining, Firefighters, Forestry and Agriculture.





DEFENCE AND SECURITY INDUSTRY ASSOCIATION OF THE CZECH REPUBLIC

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The Defence and Security Industry military equipment during the last year Association of the Czech Republic (DSIA) were even higher than in previous years.

currently has more than 130 member companies developing, manufacturing and trading with military equipment (30% of total turnover) and dualuse and civilian technologies.

Fortunately, even during the covid-19 pandemic, exports of



AOBP President RNDr. Jiří Hynek at AOBP headquarters

Last year, the total turnover of DSIA member companies was almost 2 billion EUR, with an added value of 630 million EUR. The total number of employees of DSIA member companies is more than 20,000, and about one-fifth of the employees

have a university degree. DSIA is an important contact point for Czech State authorities (Ministries of Defence, Interior, Industry and Trade, and Foreign Affairs), but also for institutions, structures, and projects within the European Union, the NATO, and similar foreign associations or

companies interested in products and cooperation with Czech companies. DSIA also has several agreements with ministries and foreign associations and is a member of or cooperates with several organizations and institutions within NATO and the European Union.





Embajada de la República Checa en Madrid





