

SLOVAK DEFENCE INDUSTRY'S MANUFACTURING CAPABILITIES

THE SECURITY AND DEFENCE INDUSTRY ASSOCIATION OF THE **SLOVAK REPUBLIC** is a national, independent and non-profit association representing the interests of Slovakia's security and defence industry. Since its establishment in 2000, it has promoted the business interests of its members, strengthened their position and export options, and played a vital role in creating the conditions for developing the Slovak security and defence industry. Since the foundation of the independent Slovak Republic, the Slovak defence industry has undergone a complex restructuring process, as a result of which its research and development (R&D) capabilities, built prior to 1989, have been significantly downsized. Despite the complexity of these earlier developments, the existing human and technical potential of the Slovak Republic is still capable of spearheading research, development, manufacture, testing, repairs and modernization of even sophisticated weapon systems, equipment and materials. The principal mission of the Security and Defence Industry Association of the Slovak Republic is to promote the development of domestic manufacturing capabilities, with the aim of building a solid national defence technological and industrial base, which should constitute one of the pillars of national defence, while at the same time meeting the stringent requirements of foreign markets.

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AIRCRAFT, THEIR EQUIPMENT, REPAIR & MAINTENANCE SERVICES

- Aircraft maintenance (checks, prescribed works, revisions, repairs, general overhauls)
 L-29 Delfín, L-39 Albatros, L-410 Turbolet and MiG-29 aircraft, and Mi-8/17 and Mi-24 helicopters
- Aircraft modernization replacement of original navigation, communication and identification systems and of other specialized systems
- Component maintenance aggregates and instruments (testing, repairs, general overhauls) for specific aircraft systems
 - Mechanical systems hydraulics, fuel, air, air-conditioning, oxygen, landing gear
 - Avionic and specialized systems communication, navigation, Identification Friend or Foe (IFF) responder and Flight Data Recorder (FDR) systems
 - Rescue and weapon systems ejection seats, canopies, active and passive protection systems
- Maintenance of land-based devices in service with Air Force and Air Defence (AF&AD) units (checks, revisions, repairs, medium repairs) hydraulic, air, nitrogen, oxygen stations and other specialized devices OL-4500 airport sweeper, Roll Stop TFF-82 aircraft arresting system...
- Manufacture and maintenance of universal devices UZ / LETVA HPZ Hydraulics, UZ / LETVA – UPZ – Air, UZ / LETVA – UPZ – Nitrogen
- Calibration of measuring devices for alternating and direct (AC/DC) electricity, electrical resistance, electrical capacity, induction, high frequency performance, frequency, time, atmospheric time, underpressure and overpressure in accordance with the extent of accreditation

Letecké opravovne Trenčín, a.s.

Manufacturing:

- Land-based NAVYRA-M /NDB navigation systems
- RM-01C /marker/navigation systems
- UZA 12, 15, 18, 24m /static/, NAVYRA 12 /mobile/, RMA /marker/ antenna systems
- SPZ-1M, SPZ-2 Aircraft Ground Power Unit (GPU)
- MMP mobile measurement workstation for frequency management /NARFA/
- UPP trailer a universal trailer for transporting containers with aircraft support equipment and other aircraft operation support systems

Services extending technical life and repairs of military equipment:

- Draft proposals, project development, manufacture and repairs of radio navigation devices, communication equipment, processing and control centres, remotely controlled systems
- Navigation and radio beacon systems NARASYS, TDV, MKR, RM-01
- Aircraft ground power units SUEZ-3, SUEZ-4, SUEZ-M, SPZ-1, SPZ-1M, SPZ-2
- ST-68 and P-37 radar modernization programmes
- Air Defence (AD) systems and equipment

Vojenský opravárenský podnik Trenčín, a.s.

SPINEA, s.r.o.

Signals equipment: Radio relay stations – RDM-6, RDM-12 and RDM-61 Radio stations – R-845, R-849, R-862, R-863, R-140, R-843, R-873, RF-10, BENDIX KING, LPR-80, LERA Radio communication vehicles – R-843P, R-845, R-849 Radars and radar components: Radars – P-18, P-37 MSK, ST-68 MSK Radar altimeters – PRV-11, PRV-16, PRV-17, PRV-18 Radar antenna elements – RL-4AM, RP-4M ČSAD-30,AD50T,60, EC AB-4, VPL-30, AD-30, 2V7, 2V8KIPS, MS 1760, PES 100, PANS-10, PANS-20 IFF Systems Land-based systems and Air Defence (AD) systems	Vojenský opravárenský podnik Trenčín, a.s.

LAND EQUIPMENT, MODERNIZATION, REPAIR & MAINTENANCE SERVICES

• Research, development, manufacturing and implementation of motor units and control

• Research, development, manufacture and implementation of high-pressure reductors in

systems of autonomous vehicles – aircraft

unmanned aerial defensive systems

 TATRAPAN 6x6 armoured all-terrain vehicle TATRAPAN ZASA (NSN 2355-40-0001385) transport variant TATRAPAN AMBULANCE (NSN 2310-40-0000488) medical variant TATRAPAN VESPRA-M (NSN 2355-40-0001386) command post variant MOKYS – TATRAPAN VŠVR-2 (NSN 2355-40-0006308) command post variant with the MOKYS communication system 	PPS VEHICLES, s.r.o. VÝVOJ Martin, a.s.
Deliveries of 80mm smoking grenades and launchers (smoking systems) – supplies for new facilities as well as for the modernization programmes	S.M.S., spol. s r.o.
 Optic and surveillance devices for modernizing fire control systems in BVP2 and BTR-80 armoured vehicles and T-55 and T-72 tanks 	SEVOTECH s.r.o.

SLOVAK DEFENCE INDUSTRY'S MANUFACTURING CAPABILITIES

 Modernization of BVP infantry fighting vehicles Transport vehicles for the MOKYS mobile military communication system New generation TATRAPAN 6x6 and 8x8 armoured vehicles with superstructures designed for a variety of operational requirements (communication systems, mobile command post, operational workstations for land forces and crisis management teams) TATRAPAN 8x8 CC heavy container carrier Development and manufacture of unmanned aerial vehicles (UAVs) based on specific operational requirements Development and manufacture of specialized technological containers, equipped with diesel power unit, air-conditioning system, independent heating, filtration-ventilation system, fully-equipped workstations, external surveillance system, etc. Depending on customer-specific requirements, containers may be fitted with ballistic protection and EMI/EMC Armoured vehicles with superstructure designed for artillery fire control systems New generation TATRAPAN 6x6 and 8x8 armoured vehicles with a superstructure designed for a variety of operational requirements of Air Defence (AD) control 	VÝVOJ Martin, a.s.
 AKTIS 4x4.1R-08SA command staff vehicle - 4x4 N2G command staff vehicle ZC AKTIS 4x4.1R-08VVZC truck - 4x4 N2G military platform truck with rear lift device AKTIS 4x4.1R-08VV truck - 4x4 N2G military platform truck AKTIS 4x4.1R-08PMPL first aid post - mobile first aid station CIT AKTIS 4x4.1R-08 CITRA truck - 4x2 N3G tanker vehicle VV MAN 32.440 HX 77VV truck - 8x8 N3G military platform truck NK MAN 32.440 HX 77NK truck - universal 8x8 N3G container carrier ROSY smoke dispenser for passive protection of military vehicles 	TANAX TRUCKS a.s.
 Aligator 4x4 Light Infantry Vehicle and Aligator 4x4 Master – manufacture, repairs and upgraded components Aligator 4x4 Master NBC Reconnaissance Vehicle Aligator 4x4 Master Forward Aircraft Controller Aligator 4x4 Master Mobile Command Post 	KERAMETAL, s.r.o.
 Modernization of T-72 tanks, infantry fighting vehicles (BVP, OT) Development and manufacture of specialized superstructures Complete electronization of land-based subsystems and systems Remotely controlled weapon stations with optical container, 7.62mm or 12.7mm machine gun, and AGS-17 gun carriage TURRA 30 weapon station, armed with 30mm automatic gun, 7.62mm machine gun, smoke grenades, anti-tank guided missiles (ATGMs), Optoelectronic perimeter protection systems for operationally committed troops, camps, etc. 	EVPÚ a.s.
 Modernization and repair & maintenance services for vehicle intercom systems Modernization, repair & maintenance services for mobile and deployable communication and information system platforms 	Aliter Technologies, a.s.

 Manufacture of spare components for BVP-1 and BVP-2 infantry fighting vehicles Repairs of BVP vehicles as part of regular repairs (RRs), medium repairs (MRs) and general overhauls (GOs) in cooperation with other companies Comprehensive refurbishment and enhancement of BVP vehicles Comprehensive technical modifications of BVP vehicles (complex adjustments of armoured vehicle bodies using the 2P material, as well as TMZ 77, while complying with prescribed technological procedures according to blueprints and applicable technical terms and conditions.) Modernization of BVP vehicles, including comprehensive test trials of vehicles (driving in terrain and across obstacles, weapon firing tests, etc.) Comprehensive business-techincal services (technical counselling, training of crews and technical professionals in maintaining and repairing BVP vehicles, warranty and postwarranty services) 	PPS VEHICLES, s.r.o.
Modernization of infantry fighting vehicles – fire control systems, surveillance systems, simulation systems	CSBC spol. s r.o.
 Manufacture of spare parts for OT-62 TOPAZ, OT-64, DANA, BVP-1, T-55, T-72 vehicles Repairs of tracked and wheeled vehicles: repairs of heavy battle tanks, light tracked vehicles, wheeled armoured vehicles, heavy and medium trucks and all-terrain vehicles, repairs of T815, T 813, AVIA, KAROSA, P50, P50N vehicles, road tankers and cranes on TATRA chasses. General and regular repairs of rocket launchers, support systems for training, logistics support 	DELTA DEFENCE, a.s.
 Manufacture of spare components (hydraulic hoses) for BVP-1, BVP-2, T-72, RM-70 GRAD, 152mm SpGH DANA, 155mm SpGH ZUZANA, TATRA 815, RM-70 	ZTS-OTS, a.s.
 Repairs and development of specialized tracked vehicles, especially T-72 tanks, BVP-1 and BVP-2 infantry fighting vehicles, OT-90 and OT-64 armoured troop carriers Repairs and development of wheeled vehicles in a variety of modifications, ranging from UAZ 469 all-terrain passenger vehicles, through PRAGA V3S all-terrain medium vehicles and TATRA all-terrain heavy vehicles, to armoured wheeled vehicles Repairs and development of engineer equipment in a variety of modifications: bridge-laying tank, recovery tank, bridge-laying vehicle, wheeled transporter, hydraulic shovel), engine-powered boats, electric power units, etc. Aligator 4x4 light armoured vehicles, repair and maintenance services and modernization 	Vojenský opravárenský podnik Trenčín, a.s.
Repairs and training for Talet T-30 aircraft towing tractors	KERAMETAL, s.r.o.
• VT-72 repairs	VÝVOJ Martin, a.s.
 Wheeled recovery vehicles Mobile wheeled bridge-laying systems Multi-purpose vehicles and their superstructures (tankers, fillers, containers for technical fluids and drinking water) Low-bed trailers for heavy vehicles 	ZTS VVÚ KOŠICE a.s.

 Sale of military heavy wheeled, tracked and artillery vehicles and weapons Deliveries of spare components, revisions, general overhauls, modernization, transport, counselling and consultation services Manufacture of less available spare components Specialized manufacturing -ammunition Manufacture, repairs, checks, revisions, delaboration, prelaboration, recalibration, surface protection, life extension, safe and ecological disposal. Production of cross-sections and models of different ammunition types. Specialized manufacturing - Technological revisions and delaboration lines Design and development of entire mobile and stationary lines, design and manufacture of single-purpose machines and devices. Civilian sector Treatment of surfaces Manufacture of polyurethane plastic components Disposal of airbags Traditional machinery manufacture 	MSM Martin, s.r.o.
Repair and Maintenance services for AKTIS and MAN vehicles – certified servicing activities for military equipment in accordance with ISO and AQAP	TANAX TRUCKS a.s.
Research, development, manufacture and implimentaiton of drive and control stystems for autonomous vehicles – land transport means	SPINEA, s.r.o.
 Manufacture of spare components for Talet T-30 aircraft towing tractor Repair and maintenance services for Talet T-30 aircraft towing tractor 	WAY INDUSTRIES, a.s.

WEAPONS AND AMMUNITION

 155mm SpGH ZUZANA 2 - Self-propelled Gun Howitzer with 52 caliber gun for both indirect and direct fire Modernization of 155mm SpGH ZUZANA 2000 - Self-propelled Gun Howitzer and its integration into DELOSYS 	KONŠTRUKTA – Defence, a.s.
 Complete sets of 155mm SpGH ZUZANA SER 2000 self-propelled howitzers and spare components Complete sets of 81mm, 98mm and 120mm mortars and spare components Gun-manufacturing programmes according to our own or customer documentation, ranging between 30mm and 155mm guns, 8200 mm in length Repairs and sharing of know-how for products listed above Complete sets of weapon systems – 2A28 /73mm gun for BVP-1/, 2A42 /30mm automatic gun for BVP-2/, D10T2S /100mm gun for T-55/, 2A46 /125mm gun for T-72/, 125MS / modernized 125mm gun for T-72 or its modifications / or spare components for these systems DVK-30 turret Servicing activities up to general overhauls for the weapon systems listed above Transfer of technologies for manufacturing and servicing the weapon systems listed above 	ZTS-ŠPECIÁL, a.s.

 DANA artillery system upgrade Manufacture of packaging for high-calibre ammunition Delivery of technologies for manufacturing mechanical components of high-calibre ammunition Delivery of high-calibre 155mm ammunition, types ERFB-BT and ERFB-BB Development and manufacture of modernizing components for small arms 	KERAMETAL, s.r.o. MAGIC TRADING CORPORATION,
Electronic and motor modular system	a.s. EVPÚ a.s.
 VMT-VK30.1 turret set VÝVOJ Martin, a.s. is authorized to act, as point of contact and representative, for Rheinmetall Waffe Munition GmbH interest in the Slovak Republik concerning the project(s) «RWM Infantry and Pyrotechnic Products» and submit Rheinmetall Waffe Munition GmbH offers/proposals/messages. 	VÝVOJ Martin, a.s.
• 9mm VMS 07 submachine gun	Technopol International, a.s.
 Manufacture of medium-calibre and high-calibre ammunition – 30mm, 81mm, 98mm, 120mm, 125mm, 155mm Manufacture of small-calibre ammunition – 9mm, 7.62mm Manufacture of airgun ammunition – for sport, hunting and special purposes Manufacture of pistols in 9mm and .40S&W calibres Modernization of submachine guns SER Sa 58 Revision and life time extension of ammunition Adjustment of ammunition by extending range Manufacture of pyrotechnic substances and initiating explosives Manufacture of detonators Repair, delaboration and prelaboration of artillery, mortar and rocket ammunition Ammunition disposal Development of ammunition and its components Testing of ammunition components Transfer of technologies for manufacturing ammunitiona and its components 	ZVS holding, a.s.
 Manufacture, repair, control, revision, delaboration, prelaboration, recalibration, surface protection, life time extension, safe and ecological disposal (land-to-land and air-to-land anti-tank guided missiles, infantry, engineer, artillery, RPG and aerial ammunition, live, schooling and training ammunition) Development and manufacture of technological revision lines for ammunition delaboration and disposal. (stationary or mobile devices installed in standard containers) 	MSM Martin, s.r.o.
Development and manufacture of gearing machines and assembly lines for filling ammunition, devices for filling artillery and aerial ammunition, machines and assembly lines for manufacture and processing of explosives for military and industrial purposes	KONŠTRUKTA – Industry, a.s.
 Research, development, manufacture and implementation of adjustable modules for weapon systems, robotic systems, unmanned defensive systems Research, development, manufacture and implementation of high-pressure reductors and actuators for extreme conditions (low and high temperatures) 	SPINEA, s.r.o.

COMMAND AND CONTROL SYSTEMS

 Command and control systems for land forces Fire control system for modernization of T-72 tank, BVP-1, BVP-2, OT Fire control system for artillery systems 	EVPÚ a.s.
 C4I command system Fire control system for artillery 	KERAMETAL, s.r.o.
 C4ISR troops control system with JC3IEDM data model and MIP interface Subsystem for planning and controlling operations by staffs of battalions, brigades and corps – a common operational picture (COP) Subsystem for planning and conducting company-, platoon- and section-sized combat operations in accordance with STANAG 4677 Subsystem for mortar fire control Subsystem for planning and controlling artillery fire Subsystem for planning and controlling CBRN Construction and realization of mobile command posts Radio communication system 	CSBC spol. s r.o.
Command and control artillery system – DELOSYS	KONŠTRUKTA – Defence, a.s.
Specialized container and vehicle modifications (mobile command and control workstations)	VÝVOJ Martin, a.s.
Transportable Air Force Operation C2 Centre	ALES a.s. VÝVOJ Martin, a.s.
 Command and Control systems for Air Force / Air Defence units Mobile Air Defence Command Post (TATRAPAN AD) Manufacture and delivery of the main command post of Air Defence Brigade – SAMOC Mobile Air Defence (AD) C2 Systems installed in armoured terrain vehicles or shelters (ASTRA AD), Transportable Air Force Operation Command and Control Centre (CRVO) Extension of functions of automated fire control systems of Air Defence assets (TATRAPAN AD, ASTRA AD, selected workstations of CRVO by incorporating command and interoperability functions) Implementation of LLAPI functions into the automated ASTRA AD systems (a prerequisite for the systems to be deployed on international operations) Provision of continuous technical support and repairs of operated systems delivered to SVK Armed Forces, crew training and mentoring 	ALES a.s.
Mobile and deployable ICT infrastructure of the Command Posts	Aliter Technologies, a.s.

COMMUNICATION AND INFORMATION SYSTEMS

 Air Traffic Control/Management systems (ATC/ATM) The ALES stable product is LETVIS ATM system for the support of ATC and management operations at the all levels Air traffic planning and control in accordance with ICAO and/or national standards (e.g. GOST, FAA) Military air traffic planning and control in accordance with ICAO and/or nationalmilitary procedures Partial and complete integration of civilian/military air traffic planning/control (classification according to EUROCONTROL) Monitoring, analysis and evaluation of operator activities and elements of air traffic control systems – so-called "systems of objective documentation" Deliveries of complete systems for "air traffic control towers" Deliveries of complete mobile and/or transportable ATC towers in elevation and/or container configuration Application of directives and guidelines of international authorities (EUROCONTROL a.o.) in air traffic control systems area Extending and supplementing the functions of the LETVIS system according to customer needs 	ALES a.s.
 Complex services for the entire life cycle of communication and information systems: from strategies definition through analysis of requirements, planning and designing, implementation, documentation to testing and 24/7 support and maintenance focusing on: Data Centers and Cloud Computing Communication systems and LAN/WAN networks Security Business Continuity Planning Analyses, design, R&D, production, implementation and support of specialized ICT communication and information systems and solutions for support of crises management operations, suitable for use in demanding geographical, climatic and weather conditions focusing on: Analyses, studies, architectures and security projects for C4ISR systems COMTAG® vehicular voice and data military intercommunication systems COMTANET® deployable integrated communication and information system Rugged components for communication networks, such as data control units, voice communication gateways, data switches, routers, UPS devices, servers, power distribution units and other devices of data and voice tactical communication networks Integration of specialized ICTs into platforms and complex systems Repair and maintenance support for rugged components of tactical communication networks 	Aliter Technologies, a.s.
 Containerized communication node equipped with specialized military communication technology Battle Communication Radio System (BKRS) 	CSBC spol. s r.o.

 IT infrastructure applications for mobile user workstation LAN, MAN and WAN system applications for users' technical devices Applications to increase resistance against EMC and EMI (shadowing and resistance) Installation of energetically indepedent infrastructures for mobile workstations with pre-installation of user modules for IT technologies 	VÝVOJ Martin, a.s.
 Mobile tactical communication system containing vehicle-borne HF, VHF and RRL (microwave) radio stations; hand-held VHF radio station; personal network radio (PNR). Tank-borne modernized R-173M radio sets with an R-174 internal communication system and accessories Spare components for and repair of R-123,R-107, R-173, R-173M, R-130, R-140, RDM-6/12, R-3A, R-4A, OT-64R3MT, OT-64R4MT radio stations 	SEVOTECH s.r.o.

RADAR SYSTEMS

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 Signal processing and radar information processing Delivery of devices with different levels of radar signal digitalization (SCAN – convertors, EXTRAKTORs) – usage as part of an upgrade for operational radar equipment Radar information routing and filtering by different transport layers according to user requirements Information tracking from PSR, SSR, PAR radars or ADSB sensors Applications extending and supplementing the functions of the LETVIS system Repair and modernization of airport surveillance and precision approach radars Modernization of RL 4 (MORAD L) surveillance radars Modernization of precise RP 4 and 5 (MORAD P) precision approach radars with the aim of extending their technical life General (medium, incidental) overhauls of MORAD L, MORAD P surveillance and precision approach radars 	ALES a.s.
Radar equipment and its components: • P-18, P-37 MSK, ST-68 MSK radars • PRV-11,PRV-16, PRV-17, PRV-18 radar altimeters • RL-4AM, RP-4M radar antenna units • ČSAD-30,AD50T,60, EC AB-4, VPL-30, AD-30, 2V7, 2V8KIPS, MS 1760, PES 100, PANS-10, PANS-20	Vojenský opravárenský podnik Trenčín, a.s.
Integration of short-, medium-, long-range radar systems	EVPÚ a.s.
 Research, development, manufacture and implementation of high-pressure reductors for adjustable positioning satellite radar equipment Manufacture of electro-mechanical systems for optoelectronic and monitoring systems 	SPINEA, s.r.o.

ENGINEER AND MEDICAL EQUIPMENT

 Manufacture of ISO 1C and 1D containers with options for purpose-specific arrangements (storage room, kitchen, septic unit, cooling unit, waste water treatment, drinking water treatment, and other specialized modifications for communication systems) 	DELTA DEFENCE, a.s.
 Manufacture of ISO 1C containers – lodging, office, field kitchen, storage facility, laundry room, etc., a total of 57 modifications Mobile field multi-profile hospital 	Vojenský opravárenský podnik Trenčín, a.s.
 Military container WFK tankers – water and fuel transport ISO containers CLEAN AIR ZUVKA – devices for air treatment in closed compartments and cabins of military vehicles Storage / ISO insulated ship container, including electrical wiring, draining tray, technological holes Sewage/Septic ISO tank, insulated, electrically heated by a self-regulatory cable, designed for external temperatures up to -50°C Office – lodging ISO container fitted for office, lodging and sanitary purposes 	TANAX TRUCKS a.s.
 Specialized container modifications (delaboration containers for ordnance disposal, back-up power supply units, mobile showers and toilets, assembly and rescue workstations, intelligence containers) with options to rearrange workstations and an intercom system 	VÝVOJ Martin, a.s.
 Wheeled recovery vehicles Mobile wheeled bridge-laying systems Multi-purpose vehicles with superstructures (tankers, fillers, technical fluid and drinking water units) Low-bed semi-trailers for heavy vehicles 	ZTS VVÚ KOŠICE a.s.
Manufacture of specialized furniture (technological cabinets, dispatcher workstations) and their installation in atypical premises (containers, combat vehicles)	ALES a.s.
SVO – A1 Self-propelled Explosive Mine Clearing Vehicle	KONŠTRUKTA - Defence, a.s.
BOZENA mine-clearing systems – BOZENA 4 and BOZENA 5 remotely controlled demining systems for mechanical demining of all conventional anti-personnel and anti-tank mines, supporting the disposal of unexploded ordnance (UXO) and improvised explosive devices (IEDs) and facilitating the conduct of engineering and construction building operations, with options to use a variety of supplementary devices	WAY INDUSTRIES, a.s.
Portable digital X-ray machine for field hospitals	Polus Europe, s.r.o.

TRAINING SIMULATION SYSTEMS

 Tactical simulators for live training of armoured vehicles and tanks – ballistic and tactical modes, AAR battle evaluation methodology Tactical simulators for live training of mechanized troops – individuals, transport vehicles, infantry fighting vehicles Communication systems for live training simulation Systems for small arms shooting training using a virtual screen – Small Arms Simulators 	CSBC spol. s r.o.
 ATC simulators Deliveries of devices for simulation and training in the ATC area and for Air Force/Air Defence operators Integration of ATC simulators and devices for simulation and training of air traffic controllers and Air Force/Air Defence operators with the flight simulators 	ALES a.s.
AVIS central aviation information system for supporting aviation training control	PWC Avis, s.r.o.
 Military aviation simulators a) With fixed wings – MiG-21, MiG-29, Su-22, Su-25, Su-27, Su-30, Su-35, L-39, L-410, Il-76, Il-114, G222 transport aircraft b) With rotary wings – Mi-8/17/171, Mi-24/35, K-226, Eurocopter EC 225, EC725, Agusta Westland 109, 139 and 189, Black Hawk UH-60, UH-1, BELL 212 and others in variants CPT (Cockpit Procedures Trainer), BATD (Basic Aviation Training Device), FTD (Flight Training Device) or FFS (Full Flight Simulator) on a 6 DOF electric motion platform, including weapon systems Simulators for military land equipment and systems BVP-1, 2 and 3, T-72, P-91, T-80 UD simulators configured as Desk-Top or installed on a 6 DOF electric motion platform Civil aviation simulators 525 Cessna CJ1+, 2, 3 small biz-jets, certifiable according to FAA or EASA standards up to Level C or Level D 	Virtual Reality Media, a.s.
 Combat Training Simulation System for live training of infantry, armoured troops, special forces and police units Small Arms Shooting Simulation System Forward Observer Simulator 	KERAMETAL, s.r.o.
Modernized land equipment simulators – classroom, mobile	EVPÚ a.s.
Training and testing simulators for military technological systems	ZTS VVÚ KOŠICE a.s.
Artillery training devices and simulators	KONŠTRUKTA - Defence, a.s.

SECURITY EQUIPMENT

BOZENA RIOT CONTROL security system – specialized armoured system designed to support police and military units in securing public order during massive demonstrations in cities and in built-up areas	WAY INDUSTRIES, a.s.
 Autonomous RADIOBARRIER wireless system for detecting security breaches, designed for protection of extensive all-terrain areas (protection of national borders), gas and oil pipelines, perimeters of critical infrastructure and troops deployed in the field 	Polus Europe, s.r.o.
Optoelectronic surveillance systems (portable, mobile, stationary)	EVPÚ a.s.
 Small mobile surveillance and ordnance disposal robots for EOD and C-IED Medium mobile security, combat and rescue robots (UGV) 	ZTS VVÚ KOŠICE a.s.
 Applications and devices for bomb disposal officers – EOD Training tools and training ammunition Non-lethal riot and crowd control equipment for military and law enforcement 	PYRA GROUP, a.s.
 Stand-off combat chemical agent detector Microwave radar systems for ensuring perimeter protection 	KERAMETAL, s.r.o.
 Manufacture of DD-CWA-AM2 stand-off laser detectors for measuring combat chemical and industrial toxic agents Repair and modernization of DD-CWA-S and DD-CWA-A stand-off laser chemical detectors Uncooled thermal imaging surveillance systems 	CSBC spol. s r.o.
 Technical systems for guarding facilities and borders with deployment of UAV New generation TATRAPAN 6x6 and 8x8 armoured vehicles with a specialized superstructure (designed for crisis management) Development and manufacture of specialized technological containers, equipped with a diesel power unit, air-conditioning system, independent heating, filtration-ventilation device, independent communication system for crisis management (natural catastrophes, industrial accidents with toxic environmental leaks, terrorist attack with direct consequences on a large number of inhabitants) Armoured vehicles with a superstructure designed for command and crisis management operational workstations 	VÝVOJ Martin, a.s.
 Research, development, manufacture and implementation of high pressure reductors for adjustable positioning satellite radars Manufacture of electromechanical systems for optoelectronic and monitoring systems 	SPINEA, s.r.o.

RESEARCH, DEVELOPMENT, INNOVATIONS

 Weapon systems, mortars, RPGs – development of new systems and their modernizations Ammunition systems: artillery, aerial, mortar, tank ammunition, mine-laying and mine-clearing systems 	KONŠTRUKTA -Defence, a.s.
 Small mobile reconnaissance and bomb disposal robots for EOD and C-IED Medium mobile security, combat and rescue robots (UGVs) Training and testing simulators for military technological systems Wheeled recovery vehicles Mobile wheeled bridge-laying systems Specialized vehicles and their superstructures (tankers, fillers, containers for technical liquids and drinking water) Low-bed semi-trailers for heavy duty vehicles 	ZTS VVÚ KOŠICE a.s.
 Design, project development and modernization of mobile equipment Development of hybrid and electric engines Solutions for basic and additional ballistic protection of mobile equipment Development of small unmanned aerial vehicles Development of software applications based on customer requirements Technical systems and processes modelling and simulation 	DSSI, a.s.
 Design of containerized analytical laboratory workstations and CBRN command posts Comprehensive design solutions for CBRN reconnaissance and monitoring vehicles 	MAGIC TRADING CORPORATION, a.s.
 Materials and technologies for ballistic protection of vehicles Nanomaterials and nanotechnologies for military and security equipment 3D modelling of specialized equipment Mechatronic systems for military and security equipment Elements of intelligent artillery ammunition Systemic solutions for ground equipment repair workstations 	Trenčianska univerzita Alexandra Dubčeka
 Innovations for ground wheeled and tracked vehicles Control calculations of firmness for functional nodes of military and security equipment Experimental verification of dynamic stress during operation of equipment Control and guidance of robotic systems for specialized purposes Communication and information systems for armed forces and security elements Systemic solutions for communication and control systems 	Akadémia ozbrojených síl gen. M.R. Štefánika
 Signal Processing and Digitalisation Multisensor Processing 	ALES a.s.
 Rugged components for mobile and deployable communication and information systems Voice communication radio gateways, data control units, servers, routers, data switches, DC power distribution units with UPS capability and other devices for complex tactical communication networks 	Aliter Technologies, a.s.

 Stand-off combat chemical agent detectors with the DIAL technique Stand-off combat biological agents detectors using the DISC technique Systems for detection and indication of laser irradiation 	CSBC spol. s r.o.
 Research, development and manufacture of new armoured and non-armoured vehicles and containerized workstations according to customer requirements with the use of progressive 3D CAD and ECAD systems, enabling 3D virtualization of workstations still in the stage of designing models (interactive tasking) Reconstructions and innovations of existing equipment according to the customer's operational requirements, including modifications Coordination of research and development of armed forces in gaining non-budgetary financial resources Developmental applications of materials and technologies for ballistic, chemical and electromagnetic protection of vehicles and the customer's mobile workstations 	VÝVOJ Martin, a.s.
 Research, development, manufacture and implementation of high pressure reductors and actuators, adjustable positioning modules for weapon systems, robotic systems, robotic devices, optoelectronic devices for defence industry 	SPINEA, s.r.o.

TESTING

 Pressure tests of weapons Weapon firing trials at 0 elevation up to the 155mm calibre Extension of technical life of ammunition systems Certification of explosives and pyrotechnic articles Training of pyrotechnics and fireworks vendors 	KONŠTRUKTA -Defence, a.s.
 Tests of electromagnetic compatibility, vibration tests, notched bar impact testing, crash resistance tests, IP tests, climatic and insulation tests, functionality tests, firmness and resistance tests for electronic systems 	EVPÚ a.s.
Tests of weapons, tracked and wheeled vehicles, munitions, explosives, packages, ammunition life cycle extension and ballistic protection of materials and products	VTSÚ Záhorie
 Tests for engines, gearboxes, pumps, nozzles in wheeled and tracked vehicles Wheeled vehicles diagnostics 	Vojenský opravárenský podnik Trenčín, a.s.

OTHERS

 Design and manufacturing of ATC consoles according to international aviation organizations recommendations, safety, health and ergonomic features and specific customer requirements 	ALES a.s.
 Manufacture of Gore-tex® and Windstopper® clothing for armed forces. Holder of Gore-tex® license Quality certificates: ISO 9001, ISO 14001, ISO 27001, AQAP 2110 	GEMOR Fashion s.r.o.

SLOVAK DEFENCE INDUSTRY'S MANUFACTURING CAPABILITIES

INDEX OF COMPANIES

Company name	Street	Street No.	Town/City	Postcode
Akadémia ozbrojených síl gen. M. R. Štefánika	Demänová	393	Liptovský Mikuláš	031 06
ALES a.s.	Soblahovská	2050	Trenčín	911 01
Aliter Technologies, a.s.	Turčianska	16	Bratislava	821 09
CSBC spol. s r.o.	Roľnícka	10	Bratislava	831 07
DELTA DEFENCE, a.s.	Čapajevova	40	Prešov	080 01
DSSI, a.s.	Wolkrova	4	Bratislava	851 01
EVPÚ a.s.	Trenčianska	19	Nová Dubnica	018 51
GEMOR Fashion s.r.o.	Košická	44	Prešov	080 01
KERAMETAL, s.r.o.	Jašíkova	2	Bratislava	826 05
KONŠTRUKTA – Defence, a.s.	K výstavisku	15	Trenčín	912 50
KONŠTRUKTA – Industry, a.s.	K výstavisku	13	Trenčín	912 50
Letecké opravovne Trenčín, a.s.	Legionárska	160	Trenčín	911 04
MAGIC TRADING CORPORATION, a.s.	Kuzmányho	940/11	Liptovský Mikuláš	031 01
MSM Martin, s.r.o.	Thurzova	16	Martin	036 01
Polus Europe, s.r.o.	Jesenského	11	Martin	036 01
PPS VEHICLES, s.r.o.	Tajovského	7	Detva	962 12
PWC Avis, s.r.o.	Komenského	11/A	Košice	040 01
PYRA GROUP, a.s.	Sartorisova	8	Bratislava	821 08
S.M.S., spol. s r.o.	Pionierska	423	Dubnica nad Váhom	018 41
SEVOTECH s.r.o.	SNP	23	Stará Turá	916 01
SPINEA, s.r.o.	Okrajová	33	Prešov	080 05
TANAX TRUCKS a.s.	Červeňova	28	Bratislava	811 03
Technopol International, a.s.	Kutlíkova	17	Bratislava	852 50
Trenčianska univerzita Alexandra Dubčeka	Študentská	2	Trenčín	911 50
Virtual Reality Media, a.s.	Rybárska	1	Trenčín	911 01
Vojenský opravárenský podnik Trenčín, a.s.	Kasárenská	8	Trenčín	911 05
VTSÚ Záhorie			Senica	905 24
VÝVOJ Martin, a.s.	Komenského	19	Martin	036 01
WAY INDUSTRIES, a.s.	Priemyselná	937/4	Krupina	963 01
ZTS VVÚ KOŠICE a.s.	Južná trieda	95	Košice	041 24
ZTS-OTS, a.s.	Areál ZTS	924	Dubnica nad Váhom	018 41
ZTS-ŠPECIÁL, a.s.	Areál ZTS	924	Dubnica nad Váhom	018 41
ZVS holding, a.s.	Ľ. Štúra	1	Dubnica nad Váhom	018 41

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