



SKOLKOVO

INDUSTRY SECTOR



Sector: UAV Technologies (Payloads)

Product line: laser scanning systems



<https://agmsys.ru/en/>



AGM Systems LLC is a leader in supplying integrated laser scanning systems for geodesy and cartography in Russia. The company provides integrated solutions for aerial and mobile laser scanning, as well as digital imaging from unmanned aircraft, combining proprietary hardware and software for precise spatial data capture. During the company's operation, the systems were supplied to both the largest Russian companies (Gazprom, Rosneft). Now the company is actively entering international markets (Malaysia, Vietnam, the EU).

KEY FEATURES & BENEFITS

- Its own high-performance devices;
- An airborne bathymetric laser scanner;
- All AGM System software and hardware are registered as measuring instruments in the Russian Federation.

GLOBAL MARKET PRESENCE:

- Bulgaria
- Malaysia
- Vietnam

FORMS OF COOPERATION

Engineering surveys in construction, surveying, cadastre, certification and diagnostics of road surfaces, GIS, Smart City technologies, forest taxation, 3D modeling. Gazprom, Rosneft, Gazprom Neft, Eurochem, Russian Railways, etc.

KEY TARGET MARKETS:

- Middle East
- Asia
- Africa
- CIS
- China



Sector: Unmanned Aerial Systems
(drones for flight inspections)

Product line: UAV for inspection of
radionavigation aids and airport
infrastructure



<https://cursir.com/>



Cursir LLC was founded in 2016, specializing in the production of unmanned aerial vehicles (UAVs) for airport inspections, along with associated software. With more than fifteen years of experience, Cursir's team of engineers has successfully designed and manufactured radio navigational aids for airports. And for more than eight years, the company has been developing and manufacturing unmanned aircraft systems.

KEY FEATURES & BENEFITS

- Real-time on-demand inspection;
- Single-operator control;
- Inspection of ILS, VOR, GBAS, RDF, PAPI, and runway lights;
- Autonomous ready-to-use solution;
- Support for calibration of critical systems.

GLOBAL MARKET PRESENCE:

- Chile

FORMS OF COOPERATION

Civil Aviation Authorities, Air Navigation Service Providers, Flight Inspection Service Providers, NavAids integrators.

KEY TARGET MARKETS:

- Middle East
- Asia
- Africa
- CIS
- China



Sector: IT for Mining Industry

Product line: mining and geological information system



<https://geomix.ru/>



LLC GEOMIX specializes in creating advanced mining and geological information systems, which have been developed and registered in the Russian Federation. Their software is actively utilized across various mining enterprises, enhancing the efficiency and accuracy of mining operations. The company offers full cycle of software development, including design, implementation, and technical support.

KEY FEATURES & BENEFITS

- Explosion modeling allows monitoring of ore grades;
- The system exports data to fleet management systems;
- Determines optimal loss and dilution rates and evaluates natural resource condition.

GLOBAL MARKET PRESENCE:

- Belarus
- Kazakhstan

FORMS OF COOPERATION

Mining companies, local partners

KEY TARGET MARKETS:

- CIS
- Asia
- Africa



Sector: Metallurgy

Product line: multiphase flow meter for measuring the flow of liquids, including oil, water, and gas.



<https://metallcleaner.com>



Metal Cleaner was founded in 2017, focusing on chemical, electrochemical and plasma treatment of stainless steel. Due to the narrow specialization of the company they manage to solve up to 95% of the tasks received from customers. The technology is included in the register of innovative solutions of Rosatom State Corporation and is recommended for use in capital construction of nuclear industry facilities. The company has been certified by the Ministry of Construction and is a member of Chamber of Commerce and Industry of the Russian Federation.

KEY FEATURES & BENEFITS

- Simultaneous measurement of oil, water, and gas;
- High accuracy even in the presence of a gas phase;
- Operation under various flow conditions;
- Cost reduction by eliminating the need for separate flow meters;
- Real-time monitoring.

GLOBAL MARKET PRESENCE:

- UAE
- South Africa
- Iran
- Singapore
- Indonesia
- India

FORMS OF COOPERATION

Companies engaged in the production of stainless steel products and equipment. Effective application in the following industries: food, chemical, medical, pharmaceutical, oil and gas, nuclear, aerospace, construction.

KEY TARGET MARKETS:

- Russia
- Belarus
- Kazakhstan

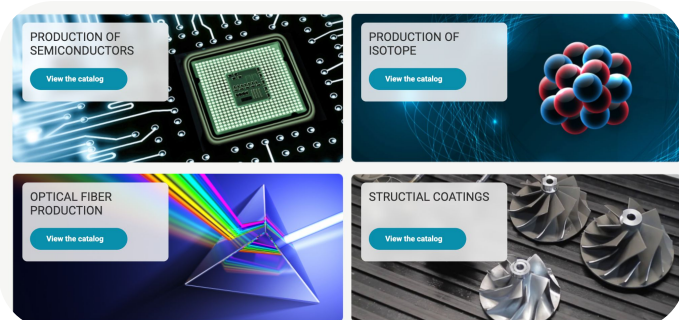


Sector: Chemical Engineering, R&D

Product line: high-purity organometallic and organosilicon compounds (precursors used in ALD and CVD processes)



<https://npi-chem.com/en/>



New Products Industry (NPI) specializes in the development and production of high-purity organometallic and organosilicon compounds, primarily for semiconductor manufacturing. The company focuses on producing precursors used in Atomic Layer Deposition (ALD) and Chemical Vapor Deposition (CVD) processes, which are essential in modern chip fabrication. Collaborates with scientific groups from Nizhny Novgorod universities and uses practical experience in the industrial chemistry of the city of Dzerzhinsk.

KEY FEATURES & BENEFITS

- The entire production chain (from scientific research and laboratory samples to semi-industrial chemical production);
- Our specialists are skilled in handling hazardous, flammable, and explosive compounds, as well as high-purity substances;
- Advanced techniques.

GLOBAL MARKET PRESENCE:

- China
- USA
- Taiwan

FORMS OF COOPERATION

Investor, local partner, agent

KEY TARGET MARKETS:

- China



Sector: AutoTech (Driver Safety Monitoring)

Product line: AI-based Driver Monitoring System



<https://oko-systems.ru/en>



OKO Systems is a Russian hardware & software development company specialized in the full-cycle development of hardware devices, video monitoring complexes and AI algorithms for industrial use. The OKO devices have been successfully tested in Russian mining and logistics companies and are being commercially delivered & maintained in major Russian mining corporations, notably JSC “KuzbassRazrezUgol”, JSC “Kolmar”, and others. The team behind the OKO systems has launched a spin-off device designed to rapidly introduce fatigue detection and telematics into fleets of light-to-medium commercial vehicles

KEY FEATURES & BENEFITS

- Real-time detection of drowsiness and distraction;
- Powered by AI and infrared sensors;
- Automatic incident recording;
- Analytics on safety and driver discipline;
- Installation in any heavy machinery cabin.

GLOBAL MARKET PRESENCE:

- Belarus
- Kazakhstan

FORMS OF COOPERATION

Clients from the Mining, Logistics and Construction industries; Local technology integrators and distributors; Heavy vehicle manufacturers.

KEY TARGET MARKETS:

- CIS
- Latin America
- Africa
- MENA



Sector: IT

Product line: Piklema Driver Assistant
(a decision support system)



<https://piklema.com/>



Piklema LLC brings together a team of mining experts with over 15 years of experience in automation development and implementation. The company specializes in creating and deploying IT solutions tailored to the mining industry. Piklema's innovative solutions leverage artificial intelligence and computer vision to optimize mining processes, enhancing efficiency and productivity. Piklema Driver Assistant is a decision support system designed to optimize dump truck operations and reduce fuel consumption.

KEY FEATURES & BENEFITS

- Provides real-time audio and visual recommendations for optimal driving, displayed on a HUD in the driver's cabin;
- Can reduce fuel consumption by 3-7%;
- Evaluates performance based on pre- and post-implementation data, focusing on factors like driving style and load level.

FORMS OF COOPERATION

Mining companies conducting open-pit mining operations equipped with a fleet of dump trucks

GLOBAL MARKET PRESENCE:

- Africa
- Latin America
- Mongolia
- Indonesia

KEY TARGET MARKETS:

- Middle East
- Asia
- Africa
- CIS
- China

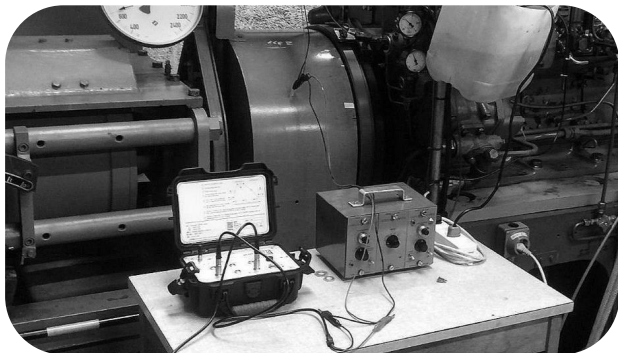


Sector: DeepTech

Product line: Intelligent equipment wear monitoring system



<https://redsystems.tech/>



REDSystems specializes in addressing unforeseen equipment failures caused by uncontrolled wear through advanced technology. Their system utilizes proven artificial intelligence algorithms to monitor and evaluate equipment life based on transient characteristics, identifying implicit malfunctions before they lead to breakdowns. This proactive approach helps prevent unexpected failures, leading to increased productivity and reduced repair costs. By leveraging AI-driven insights, REDSystems enhances equipment reliability and operational efficiency, offering a significant advantage in maintaining and managing industrial machinery.

KEY FEATURES & BENEFITS

- Full replacement of load dynamometers;
- Measurement of actual engine power and dynamic characteristics;
- Monitoring of hidden faults using AI;
- Equipment lifecycle assessment based on transient characteristics

FORMS OF COOPERATION

Government initiatives, distributors

GLOBAL MARKET PRESENCE:

- Belarus
- Kazakhstan

KEY TARGET MARKETS:

- China
- Kazakhstan

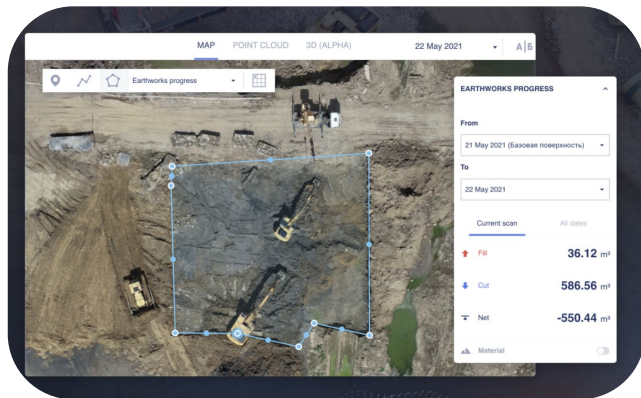


Sector: IT, Specialized information systems

Product line: web platform for data analytics of UAVs



<https://skyeermap.com/ENG>



LLC Skyeer is an integrated IT company, developer of its own web platform for data analytics of UAVs, comparing it with working and project documentation in 2D/3D formats. It operates on the DaaS (Drone as a Service) model, providing services for professional shooting, processing, and subsequent data analysis tailored to the client's business needs. The company develops industry-specific solutions for construction, mining, quarries, waste disposal, and landscaping, using its core technology platform, "Skyeer IT."

KEY FEATURES & BENEFITS

- Integrates geospatial data, project documentation and aerial photography from drones for real-time and accurate data;
- Interaction through mobile and desktop interfaces;
- Without requiring onsite staff.

GLOBAL MARKET PRESENCE:

- Kazakhstan
- UAE
- Saudi Arabia

FORMS OF COOPERATION

Government bodies, including regional ones, major construction holdings, federal and regional monitoring and control authorities

KEY TARGET MARKETS:

- Middle East
- Asia
- Africa
- CIS
- China

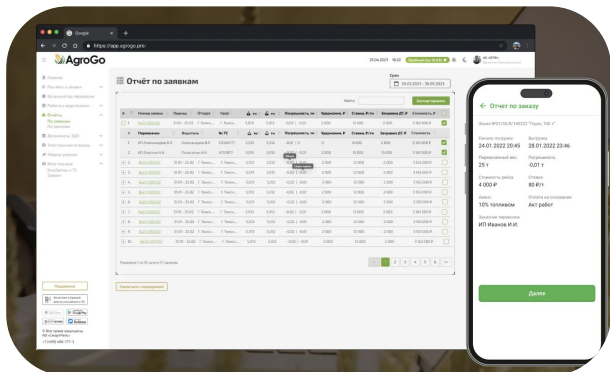


Sector: AgroTech (Logistics)

Product line: Intelligent Transportation Management System (iTMS) for the agricultural sector



<https://agogo.pro/english>



SmartRace Joint Stock Company specializes in developing intelligent systems for optimizing and accounting for logistics processes in the agricultural sector. The company is creating a unified information environment aimed at digitalizing transport infrastructure within the industry. Utilizing advanced artificial intelligence technologies, big data analytics, and machine learning algorithms, SmartRace enhances the efficiency and effectiveness of agricultural logistics. Their solutions facilitate better management and optimization of transportation, contributing to improved operational performance and streamlined processes in the agricultural sector.

KEY FEATURES & BENEFITS

- Intelligent transportation management for the agricultural sector;
- Logistics tracking and optimization in a single solution;
- Alternative to foreign systems;
- Support for cross-border transportation;
- Cost reduction and increased efficiency.

GLOBAL MARKET PRESENCE:

- Belarus
- Kazakhstan
- Uzbekistan

FORMS OF COOPERATION

Private investors, grant financing

KEY TARGET MARKETS:

- Belarus
- Kazakhstan
- Uzbekistan
- Worldwide





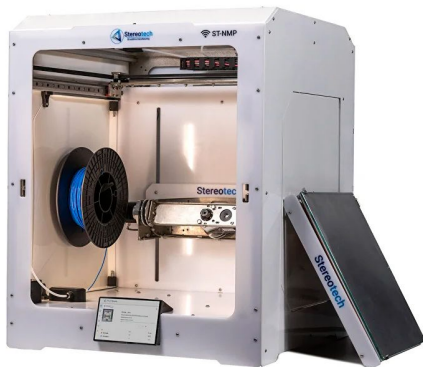
Stereotech

Sector: Industry (Mechanical Engineering)

Product line: 5D machine for printing industrial spare parts



<https://5dtech.pro/eng>



Sk

LLC Stereotech has been successfully implementing scientific and commercial 5D printing since 2012, and is the world's first developer and manufacturer of a 5D printer with its own software. Stereotech 5D printers provide parts for industrial equipment that have become unavailable in today's political and economic realities. The printer produces spare parts such as pump impellers, gears and axles, guides and brackets, screws, levers, seals and pump membranes.

KEY FEATURES & BENEFITS

- Membranes could be printed directly on the embedded element;
- Increase in the strength of printed products by 4 times;
- Allows to minimize supports printing;
- Reduction of printing time and the amount of material used.

GLOBAL MARKET PRESENCE:

- Republic of Belarus
- UAE

FORMS OF COOPERATION

Manufacturing companies

KEY TARGET MARKETS:

- Middle East
- Asia
- Africa
- CIS
- China



Sector: Hi-Tech (for Industrial Mining)

Product line: Intelligent Transportation Management System (iTMS) for the agricultural sector



<https://agrogo.pro/english>



LLC Technoanalytdevice is a dynamic Russian high-tech company focused on designing and implementing innovative solutions for the mining industry. Established in 2012 by Dr. Arseny Trushin, a National Research Nuclear University MEPhI graduate, the company aims to deliver cost-effective technologies to both Russian and international markets. Technoanalytdevice specializes in developing cutting-edge devices that enhance the efficiency and precision of mining operations, offering advanced tools tailored to industry needs. With a strong commitment to innovation, the company strives to provide solutions that improve productivity while reducing costs for its clients.

KEY FEATURES & BENEFITS

- Real-time online ore analysis;
- Monitoring at all stages of beneficiation;
- Accurate measurement of metal content;
- Fast delivery of analyzers (up to 2 weeks);
- Analysis of liquid products without sampling;
- Combination of laboratory and portable device functions.

GLOBAL MARKET PRESENCE:

- Kazakhstan

FORMS OF COOPERATION

Distributors, direct contacts with the procurement Departments of the mining plants.

KEY TARGET MARKETS:

- | | |
|----------|-------------|
| • India | • Bolivia |
| • Mexico | • Argentina |
| • Chile | • Brazil |
| • Peru | • ASEAN |

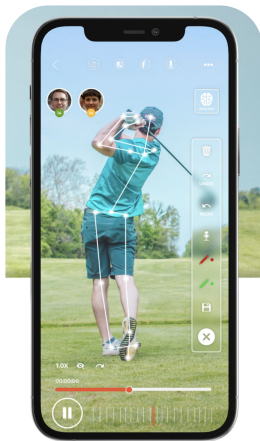


Sector: SportTech (Coaching with AI)

Product line: personal trainer UpT.ai



<https://upt.ai/>



LLC Sintez launches IT projects from idea to successful implementation more than 20 years. The company is an expert in IT consulting, software development, artificial intelligence, design and marketing. UpT.ai is a sports technology project that stands out for integrating artificial intelligence with professional golf training. The platform offers a unique synergy of AI assistance based of GPT and live coaching.

KEY FEATURES & BENEFITS

- Personalized recommendations;
- Gamification features like leaderboards and challenges to engage users further;
- Tailored coaching system that functions like a personal trainer for each athlete;
- Synergy of AI assistance based of GPT and live coaching.

GLOBAL MARKET PRESENCE:

- United Kingdom
- United States
- Australia
- Japan
- Korea
- MENA

FORMS OF COOPERATION

Investments, distributors

KEY TARGET MARKETS:

- United States
- Australia
- United Kingdom
- MENA
- Japan



Sector: AR/VR for Industry

Product line: remote control systems for industrial machinery, VR simulators, industrial safety systems



<https://vir-sign.com/>



LLC Virsign is a technology start-up that develops solutions for complex and intelligent industries, with the aim of reducing operating costs and accident risks. Our market is heavy industry, waste treatment plants, ports, power plants. Our technology stack is web, AR/VR, IoT, PLC prog, CV and ML. Our main focus is to develop industrial technician remote control suites, automation systems, VR simulators and industrial safety systems.

KEY FEATURES & BENEFITS

- Remote control systems for industrial machinery in hazardous industries via VR;
- Anti-collision feature;
- VR simulator for seamless operator training;
- Improved safety and efficiency of industrial operations.

GLOBAL MARKET PRESENCE:

- Not yet

FORMS OF COOPERATION

Integrators of industrial and innovative crane solutions to heavy industry and ports.

KEY TARGET MARKETS:

- Middle East
- Asia
- Africa
- CIS
- China



Sector: Telecommunications

Product line: advanced flat scanning antennas for next-generation satellite communications and 5G/6G networks



<https://matrixwave.tech/>



Matrix Wave LLC focuses on developing and producing telecommunication components, with an emphasis on satellite communications. Its primary activities involve designing and manufacturing radio-electronic products, particularly for satellite communication systems. Matrix Wave specializes in creating advanced subscriber devices and payload components for high-altitude platforms and spacecraft, meeting the rising demand for reliable global satellite telecommunications with cutting-edge technology.

KEY FEATURES & BENEFITS

- Cost-effectiveness, with products priced 2-2.5 times lower than competitors;
- Produces antennas to improve 5G mmWave coverage and is developing products for sub-THz bands aimed at future 6G networks;
- Reduces dependency on semiconductor components.

GLOBAL MARKET PRESENCE:

- Not yet

FORMS OF COOPERATION

1. A first or second tier satellite operator selling a satellite communication service to an end subscriber through a subscriber terminal.
2. A large company that owns infrastructure (e.g. railways, extractive industries, etc.) that requires constant connection to a satellite network, including through customised subscriber terminals

KEY TARGET MARKETS:

- Middle East
- Asia
- Africa
- CIS
- China



CITYMATICS
PULSE OF THE CITY

Sector: Smart City

Product line: automated Smart City platforms for urban management



<https://citymatics.ru/>



LLC Citymatics creates and implements advanced technologies for the development of intelligent infrastructure in cities and regions, efficient transport management and creation of comfortable living conditions for citizens. The company's portfolio includes solutions for intelligent transport systems, urban public transport and digital urban services. The company specializes in developing automated Smart City platforms for urban management, focusing on AI-based video monitoring systems.

KEY FEATURES & BENEFITS

- Detects over 110 types of violation;
- Provides complex analysis tailored to the needs of housing, communal services, and urban infrastructure;
- SIEI 3 adapter facilitates digital data exchange between authorities, banks, etc.

GLOBAL MARKET PRESENCE:

- Not yet

FORMS OF COOPERATION

Cities seeking order in the transport sector and development.
Companies wishing to streamline the transport accessibility of their projects: business centres, housing complexes and so on.

KEY TARGET MARKETS:

- Middle East
- Asia
- Africa
- CIS
- China



Sector: UAVs

Product line: the Ground Control Station for Unmanned Aerial Vehicles



<https://alticam.ru/>



LLC Altikam has successfully completed several major projects for leading Russian clients (such as BP-Technologies, Ural Civil Aviation Plant, etc.), including ground control stations and specialized components. The Ground Control Station for Unmanned Aerial Vehicles is used as a control system for unmanned systems. The Product helps reduce operational risks by shortening development and implementation times, increasing situational awareness, and organizing a more even distribution of workload among the crew.

KEY FEATURES & BENEFITS

- Helps reduce operational risks;
- Increases situational awareness;
- More even distribution of workload among the crew;
- 3D scene reduces workload and decreases the likelihood of cognitive distortions among operators.

GLOBAL MARKET PRESENCE:

- Not yet

FORMS OF COOPERATION

Investor, local partner, agent, distributor

KEY TARGET MARKETS:

- India
- Latin America
- MENA



3D scanners **SCANFORM**

Sector: Mine Surveying

Product line: a handheld 3D scanner with laser grid triangulation (laser beams)



https://scanform.ru/en/?set_lang=en



Sk

LLC Scanform is a manufacturer of affordable professional portable 3D scanners. Today, Scanform provides cost-effective 3D scanning technology without compromising on quality, making professional-grade tools more accessible to a wider audience. The company's focus on affordability and functionality has turned a passion project into a thriving business in the 3D scanning industry.

KEY FEATURES & BENEFITS

- Accurate three-dimensional models of designs;
- Hardware-software complex for 3D scanning;
- Used for geometry control, reverse engineering, and visualization

FORMS OF COOPERATION

Investor, local partner, agent

GLOBAL MARKET PRESENCE:

- Belarus
- Kazakhstan

KEY TARGET MARKETS:

- CIS (Belarus, Kazakhstan, etc.)
- India



LIMITED LIABILITY COMPANY
«SYNTEZ – PROJECT»

Sector: Chemical Production

Product line: radiation- and crack-resistant binders for carbon fiber composites



<https://syntez-project.ru/en/>



Sk

LLC Syntez-project develops next-generation materials for the aerospace, aviation, shipbuilding, energy, and nuclear power industries. The company stands out for its groundbreaking innovations in materials science and chemical engineering. The company has developed radiation- and crack-resistant binders for carbon fiber composites used in spacecraft with long service lives (15 years or more) in orbit. By July 2017, samples have been tested for the combined effects of space environmental factors.

KEY FEATURES & BENEFITS

- 30 times lower moisture absorption and 100 times better crack resistance compared to epoxy-based materials;
- High temperature and dimensional stability.
- 8 times stronger than the strongest steel.

GLOBAL MARKET PRESENCE:

- Not yet

FORMS OF COOPERATION

Investments, distributors

KEY TARGET MARKETS:

- CIS (Belarus, Kazakhstan, etc.)
- India

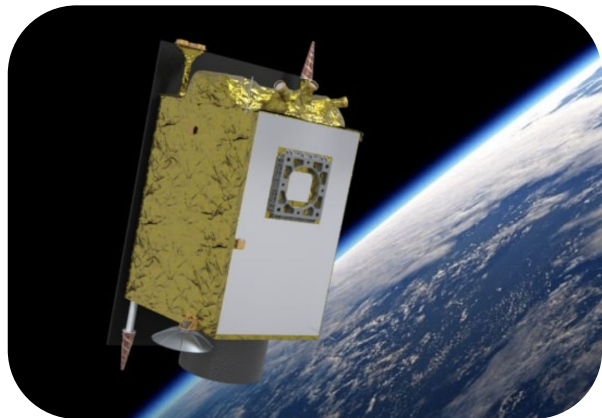


Sector: Industry

Product line: high-tech satellite components and technologies for spacecraft and services based on them



<https://sputnix.ru/en/>



Sk

LLC Sputnix is a Russian private company specializing in the development of high-tech satellite components and technologies for spacecraft, as well as services based on them. Since its founding in 2011, the company has provided customers with cost-effective, high-quality solutions leveraging microsatellite technologies, backed by comprehensive technical support throughout the entire product lifecycle. The company is working on the creation of its own system for receiving satellite data (IoT, AIS, etc.) and their commercialization.

KEY FEATURES & BENEFITS

- Comprehensive technical support throughout the entire product lifecycle;
- High speed of spacecraft manufacturing at low cost of production and launch;
- Based on domestic Russian technologies;
- Removal of several spacecraft in one launch and rapid deployment.

GLOBAL MARKET PRESENCE:

- CIS

FORMS OF COOPERATION

Governmental Sector, space companies, logistics companies

KEY TARGET MARKETS:

- Middle East
- Asia
- Africa
- CIS
- China

Райграс

Sector: Mine Surveying

Product line: BIM Backpack, a wearable system for on-site data collection and BIM; L-SCAN, is a mobile integrated system mounted on aircraft



<https://ryegrass.ru/>



Sk

LLC Ryegrass specializes in innovative solutions for construction, offering advanced tools for 3D data collection and modeling. The company has been at the forefront of innovative LiDAR-based 3D mapping solutions since 2015, developing advanced mobile scanning systems for the architectural, engineering, and construction industries. Headquartered in Moscow, Ryegrass operates a state-of-the-art research center, a dedicated software development team, and an in-house production unit.

KEY FEATURES & BENEFITS

- BIM Backpack is equipped with lidar technology designed for on-site data collection and Building Information Modeling;
- L-SCAN is capable of gathering point clouds at high speeds;
- Enhance accuracy and efficiency in creating 3D models.

GLOBAL MARKET PRESENCE:

- Azerbaijan
- Sweden

FORMS OF COOPERATION

Real estate developers, investors, distributors

KEY TARGET MARKETS:

- South Asia: India

Sector: IT (marine solutions)

Product line: Short-term forecasting services for fishing companies



<https://www.digitalnautic.ru/>



Digital Marine Solutions LLC has been developing and providing short-term forecasting services for fishing companies since its inception, delivering vital information on fish aggregation areas using advanced artificial intelligence technologies. The Moscow headquarters houses a strong research team of 8 professionals.

KEY FEATURES & BENEFITS

- Utilization of cutting-edge machine learning and up-to-date satellite remote sensing data
- High-precision forecasts of fish and seafood concentration zones (accuracy up to 84%)
- Eliminates the need for human experts

GLOBAL MARKET PRESENCE:

- None

FORMS OF COOPERATION

Manufacturing companies

KEY TARGET MARKETS:

- Russia
- Belarus
- Kazakhstan

LLC GYRO is a well established company in the design and manufacturing of the final project in the field of autogyro vehicles. The company specializes in the development of autogyros featuring a modular multi-purpose cabin. Their innovative design combines the benefits of various cabin types – open and closed – within a single autogyro, ensuring both aerodynamic efficiency and flight safety.

Sector: Industry

Product line: autogyros featuring a modular multi-purpose cabin



<https://navigator.sk.ru/orn/1126319>

KEY FEATURES & BENEFITS

- Ensures both aerodynamic efficiency and flight safety;
- Allows the vehicle to adapt to different uses while maintaining high performance and safety standards;
- Optimizes aerodynamic characteristics across various cabin configurations.

GLOBAL MARKET PRESENCE:

- Not yet

FORMS OF COOPERATION

Investor, manufacturing partner

KEY TARGET MARKETS:

- CIS
- South East Asia
- Africa

Sector: High-Precision GNSS, Industrial Navigation, Autonomous Vehicles, Geodesy, Smart Agriculture

Product line: modular GNSS receivers for high-precision navigation and automation



<https://orsyst.ru/>



Founded in 2015 and headquartered in Moscow, **LLC Orient Systems (4 GNSS brand)** is a leading Russian developer of satellite navigation systems. The company is a supplier to top industry players like Sber, Kamaz, MTS, Gazprom Neft, Severstal, and NLMK. The company provides advanced modular GNSS receivers for high-precision navigation and automation. Their systems support RTK, PPP-RTK, and GNSS/INS fusion, ensuring centimeter-level accuracy even in challenging environments.

KEY FEATURES & BENEFITS

- Centimeter-level accuracy even in challenging environments;
- Modular design, robust field-ready hardware, real-time cloud data transmission, browser-based cross-platform software, and integrated IoT diagnostics.

GLOBAL MARKET PRESENCE:

- CIS
- India
- UAE
- Turkey

FORMS OF COOPERATION

System integrators in industrial automation and transport, resellers of geodetic instruments, mining companies, B2B/B2G clients in need of resilient GNSS solutions

KEY TARGET MARKETS:

- CIS
- MENA
- India
- Africa
- Latin America

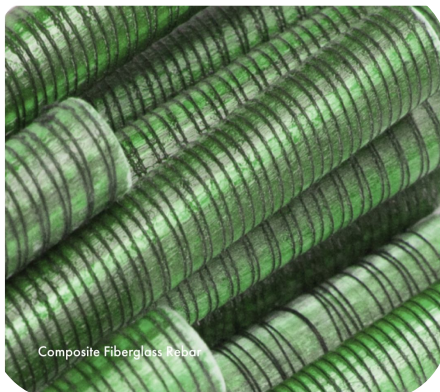


Sector: Construction Materials, Composite Structures, Energy-Efficient Housing

Product line: wall panels reinforced with proprietary composite elements



<https://panef.ru/eng>



Founded in 2023, **JSC PANEF** produces cost-effective, patented composite components and its own production equipment. Its clients include major Russian construction firms and prefabricated housing manufacturers such as PIK-Industria, Betonex-SPB, Prefab Technologies, and others. PANEF has developed an integrated system of lightweight, energy-efficient wall panels reinforced with proprietary composite elements. Products are certified for structural use in buildings up to 50m in height.

KEY FEATURES & BENEFITS

- Replaces traditional steel with a fire- and alkali-resistant composite;
- Reduced concrete use (up to 42%), improved thermal insulation (by 23%), faster installation, and additional living space (up to 2 m² per unit).

GLOBAL MARKET PRESENCE:

- MENA
- CIS
- Central Asia (UAE, Egypt, Saudi Arabia, Kazakhstan, Armenia, Georgia)

FORMS OF COOPERATION

Developers, construction firms, materials distributors, strategic partners in green building, international customers

KEY TARGET MARKETS:

- CIS
- MENA
- Central Asia
- Eastern Europe



Sector: Mining Equipment, Industrial Safety, Explosion-Proof Machinery

Product line: explosion-proof equipment for underground coal mining and hazardous industrial environments



<https://sic-atex.com/>



Founded in 2009, **TPK ATEX** has deployed over 1,250 monorail switch systems in 20 mines across Russia, generating over 250 million rubles in operational savings. Clients include SUEK, RUK, MMK, and other major mining operators. The company owns five IP assets and continues to develop new solutions for mining safety and productivity. Flagship innovations include modular monorail switch systems, membrane-based pumps for mine irrigation and pneumatic and hydraulic tools.

KEY FEATURES & BENEFITS

- Improved safety;
- Lower maintenance;
- Reduced operational costs;
- Develops new solutions for mining safety and productivity.

GLOBAL MARKET PRESENCE:

- Kazakhstan

FORMS OF COOPERATION

Distributors, system integrators, B2B partners, mining operators, industrial safety solution providers

KEY TARGET MARKETS:

- Kazakhstan
- South Africa



Sector: Robotics, Industrial Automation, Automotive Infrastructure

Product line: fully automated, contactless robotic car washes



<https://epicarwash.com/>



Founded in 2022, **LLC EPICARWASH** launched its robotic wash line after intensive R&D and signed 18 commercial contracts in its first year. EPICARWASH manufactures fully automated, contactless robotic car washes using multi-applicator free-positioning systems. It offers full-cycle data analytics and fault prediction. The tech provides a 3x efficiency gain over foreign analogues like LeisuWash and Kolonwash.

KEY FEATURES & BENEFITS

- High-speed, energy-efficient washing with remote monitoring and diagnostics;
- One dispatcher can control up to 10 units servicing 1,500 cars daily;
- Water-saving ($\leq 2 \text{ m}^3/\text{h}$), safe (zero recorded collisions in 98,571 cycles).

GLOBAL MARKET PRESENCE:

- China
- Europe

FORMS OF COOPERATION

SMEs, car dealerships, fleet operators, B2B clients, distributors, foreign tech partners, franchising partners

KEY TARGET MARKETS:

- China
- MENA
- LATAM
- Southeast Asia



EAST AGRO DON

Sector: food ingredients, agri-biotechnologies, functional nutrition

Product line: Prebiotic food ingredients based on Jerusalem artichoke



<https://eastagro.ru/>



Sk

Founded in 2012, **ISTAGRO DON LLC** is one of Russia's pioneers in Jerusalem artichoke-based ingredient production. The company collaborates with leading scientific institutes in food and agricultural sciences and holds multiple patents. Its products are approved by major industry players, including JSC "PROGRESS" (baby food manufacturer). Specializing in full-cycle production of prebiotic-enriched ingredients from Jerusalem artichoke, the company offers: inulin powder, high-fructose syrup, prebiotic fiber, and dried slices.

KEY FEATURES & BENEFITS

- Natural sugar substitutes with added health benefits
- Organic cultivation and certified safety
- Full processing with minimal costs and zero waste

GLOBAL MARKET PRESENCE:

- None

FORMS OF COOPERATION

Food manufacturers, distributors of natural/functional ingredients, health food companies, baby food producers, dietary supplement brands, scaling investors

KEY TARGET MARKETS:

- CIS
- MENA



Sector: Sustainable Packaging, Green Chemistry, Circular Economy

Product line: eco-friendly packaging



<https://eng.kinglet.by/>



Founded in 2021, **LLC KINGLET** operates a compostable packaging facility in the Moscow region. The company supplies food and non-food retail chains with environmentally safe, plastic-free packaging. Key customers include OKEY, Lenta, Globus, AV, Metro, and Magnoliya. The product line includes plant-based biopolymer bags and EcoTorba recycled polyethylene bags.

KEY FEATURES & BENEFITS

- Made from 100% organic raw materials (corn starch-based Mater-Bi) and from 100% recycled polymers;
- Certified biodegradable and compostable according to EN13432 and “Ok Compost” by TUV Austria.

GLOBAL MARKET PRESENCE:

- Not yet

FORMS OF COOPERATION


Retail chains, HoReCa distributors, waste management operators, public utilities

KEY TARGET MARKETS:

- EU
- MENA
- Asia

Founded in 2021 and based in Penza, **NPP NOVOTECH** focuses on R&D and production of electronic components for high-tech and import substitution markets. The company cooperates with state corporations and mining groups such as ISKRA, Atlas Mining, and Polyus. NPP NOVOTECH develops specialized electronics for the mining industry. Its product lines include initiation electronics, spatial displacement monitoring modules, and support systems for blasting operations.

Sector: Microelectronics, Mining Technologies, Industrial Automation

 **Product line:** specialized electronics for the mining industry (Initiator-NT)

<https://navigator.sk.ru/orn/1125636>

KEY FEATURES & BENEFITS

- High precision ($\pm 0.2\%$);
- A delay range up to 4000 ms;
- Outperforming Chinese analogues;
- The product is 71% localized in Russia and already in serial production.

GLOBAL MARKET PRESENCE:

- Not yet

FORMS OF COOPERATION

Initiation system manufacturers, mining companies focused on high-value resources (iron ore, copper, gold, PGMs), technology integrators in mining automation

KEY TARGET MARKETS:

- | | |
|--------------|--------------|
| • Argentina | • Kyrgyzstan |
| • Egypt | • Mexico |
| • Brazil | • Uzbekistan |
| • Vietnam | • Chile |
| • India | • Uruguay |
| • Kazakhstan | • Ecuador |
| • Turkey | • Peru |



Sector: Chemical Industry, Polymer Additives, Materials Science

Product line: polymer additives and masterbatches



<http://www.ligafleks.ru/>



Founded in 2014 and based in Ryazan Region, **LLC LIGA-FLEKS** is a fast-growing Russian company active in the chemical and polymer processing sector. The company supplies over 370 active clients including TechnoFlex, Kenguru, Biopolymer, and InvestTechProm. It offers tailored solutions for coloring, modifying, and reinforcing various types of polymers. It produces products designed for manufacturers of films, plastic products, packaging, and other polymer-based goods.

KEY FEATURES & BENEFITS

- Uniform coloring of polymer products;
- Improves durability;
- Fade resistance.

GLOBAL MARKET PRESENCE:

- Belarus
- Uzbekistan

FORMS OF COOPERATION

Manufacturers of plastic films, injection-molded plastic products, packaging, construction and covering films, automotive components, consumer electronics parts, garden tools, household items, sports goods, and toys

KEY TARGET MARKETS:

- Belarus
- Uzbekistan
- Kazakhstan
- Kyrgyzstan



НПО ВАКУУММАШ
ACCURATE MEASUREMENTS. FLEXIBLE SOLUTIONS.

Sector: Industrial Instrumentation,
Metallurgy, Chemical Industry, Process
Safety

Product line: multizone temperature
sensors



<https://vakuummash.com/>



Founded in 1995 and based in Izhevsk, **NPO VAKUUMMASH** is a Russian industrial automation company with over 29 years of experience. The company provides end-to-end engineering and manufacturing services for industrial equipment. Its clients span metallurgy, oil and gas, power generation, and food industries. VAKUUMMASH develops and manufactures multizone temperature sensors for reactors operating under high pressure and temperature.

KEY FEATURES & BENEFITS

- Unique mechanical weld protection unit;
- Integrated leak monitoring system;
- Reduces the number of welded joints and mounting flanges in reactors;
- Improves reliability and safety during chemical, petrochemical, and metallurgical processes.

GLOBAL MARKET PRESENCE:

- Not yet

FORMS OF COOPERATION

Industrial partners in the chemical and petrochemical sectors, manufacturers of reactors and process equipment, engineering contractors, distributors of industrial instrumentation

KEY TARGET MARKETS:

- Russia