

The background of the slide is a complex, abstract 3D geometric pattern. It features numerous rectangular blocks and planes of varying heights and depths, creating a sense of depth and perspective. The surfaces are dark, but they are highlighted with vibrant, iridescent colors including shades of blue, purple, green, and yellow, giving it a high-tech, futuristic appearance.

SKOLKOVO

**BIOMEDICAL
TECHNOLOGIES**



Sector: MedTech

Product line: Celsus – an AI based Clinical Decision Support System



<https://celsus.ai/en/>

CELSUS established in 2017, that has combined the expertise of highly qualified medical specialists, experience in launching large medical projects, and skill in machine learning to create Celsus, a clinical decision support system (CDSS) that is based on AI technologies, to analyze digital medical images, identify areas of interest and automatically interpret the results.

KEY FEATURES & BENEFITS

- End-to-end lifecycle support;
- Traffic verification;
- Real-time network monitoring;
- Event logging and tracing.

FORMS OF COOPERATION

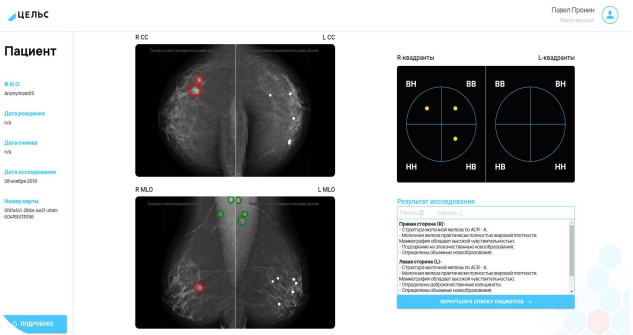
Power utilities, grid operators, EPC contractors, design institutes, system integrators, and digital substation technology providers.

GLOBAL MARKET PRESENCE:

- India
- Pakistan

KEY TARGET MARKETS:

- India
- MENA
- Africa
- South America





Sector: MedTech

Product line: Medgital Vision Navigation System



<https://medgital.org/en/home-page-2>



Madgital was founded in 2021 and based in St. Petersburg, Medgital is a Skolkovo resident focused on revolutionizing surgery through extended reality technologies. With 18 registered IP assets, Medgital develops MR-based tools for real-time anatomical visualization and surgical planning. Their MVP has been validated in clinical settings, and they are working towards full certification and commercialization.

KEY FEATURES & BENEFITS

- The effect of "X-ray vision" allows the surgeon to see internal structures without distraction from the surgical field.
- Direct visualization of DICOM data and custom segmentation.
- Used in more than 40 surgical procedures

GLOBAL MARKET PRESENCE:

- UAE
- Southeast Asia

FORMS OF COOPERATION

Hospitals, surgical centers, MedTech distributors, B2B partners, international health tech integrators

KEY TARGET MARKETS:

- Russia
- UAE
- Thailand

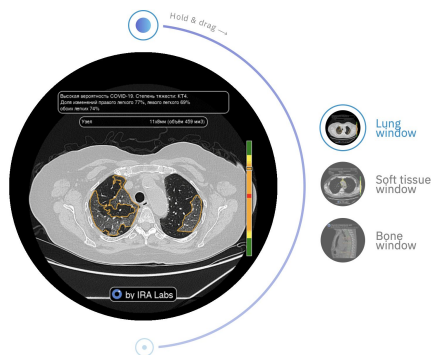


Sector: MedTech

Product line: AI platform for automatic chest CT analysis



<https://ira-labs.com/>



Ira Labs was founded In 2020, they were one of the first to make a COVID-19 product that quickly and reliably access lung lesions on CT images. The service has processed more than 7 million images from the city's polyclinics and hospitals in real time, and our solution was recognised as a leader among 15 2020 member companies.

KEY FEATURES & BENEFITS

- Automatic chest CT analysis using AI
- Reducing the time and cost of describing research
- Built-in scan quality assessment and noise reduction modules
- Identification of common pathologies and complex biomarkers
- High accuracy (ROC AUC 0.98 in COVID-19 diagnosis)
- Fast snapshot processing and report generation

GLOBAL MARKET PRESENCE:

- None

FORMS OF COOPERATION

Government Initiatives, distributors

KEY TARGET MARKETS:

- Uzbekistan
- Kazakhstan
- Belarus
- Azerbaijan
- Iran

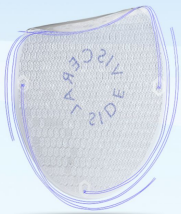


Sector: MedTech

Product line: Biopolymer implants and bone replacement materials



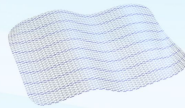
<https://iconlab.ru>



IPOM PP



IPOM UP



SURGICAL MESH

Aikon Lab GmbH is a vertically integrated world-class research and production company specializing in the development and manufacture of implantable medical devices based on the biocompatible polymer material Reperen and bone substitute material Recost.

KEY FEATURES & BENEFITS

- Biocompatible and biostable materials Reperene and Recost
- An alternative to silicone, titanium and ePTFE implants
- Application in abdominal, neuro-, urogynecological, cardio-, oncological surgery and CHLH
- Innovative technologies: front-facing photopolymerization and 3D printing
- Cooperation with leading research institutes, developments in 7 new areas

GLOBAL MARKET PRESENCE:

- Sri Lanka
- Pakistan
- Colombia

FORMS OF COOPERATION

Medical facilities, surgical clinics, public and private hospitals

KEY TARGET MARKETS:

- Sri Lanka
- Pakistan
- Colombia
- Russia



Sector: MedTech

Product line: Medical equipment



aidflex.ru



Reafit was founded in 2015 with a mission to create innovative physical rehabilitation solutions available in both clinical and home environments. The company's vision is to provide personalized approaches to restoring health and improving quality of life.

The company specializes in the development of compact equipment for rooms up to 30 square meters in size, which allows for comprehensive physical rehabilitation after injuries and musculoskeletal disorders.

KEY FEATURES & BENEFITS

- High-tech equipment for a complete chain of physical rehabilitation
- Application at all stages – from early recovery to functional training
- Integration of rehabilitation rooms and fitness studios into medical institutions and individual branches
- Support for prevention and recovery of motor disorders

GLOBAL MARKET PRESENCE:

- Spain
- Kazakhstan
- China
- Colombia

FORMS OF COOPERATION

Ministries of Health, rehabilitation centers

KEY TARGET MARKETS:

- CIS, Greece, Poland, China, Colombia, Spain, UAE



Sector: MedTech

Product line: Wheelchair



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



Caterwil is a manufacturer of high-tech devices for people with disabilities, the key devices of which are step wheelchairs. The introduction of the Caterwil GTS wheelchair allows to revise the approach to the organization of accessible environment for wheelchair users, making it individual and universal.

The use of the device provides access to any objects of social infrastructure within 10 kilometers. An important value component of the product is the ability to move around without companions, which is fundamental for both lonely people and people who do not want to distract their loved ones from work and everyday household tasks.

KEY FEATURES & BENEFITS

- Stair climbing wheelchair. of the new generation for full mobility
- Access to infrastructure facilities within a radius of up to 10 km
- Independent movement without an escort
- An individual and universal approach to an accessible environment
- Convenience and freedom for users with any level of independence

GLOBAL MARKET PRESENCE:

- India

FORMS OF COOPERATION

Ministries of Health, rehabilitation centers

KEY TARGET MARKETS:

- Bahrain, Romania, Germany, USA, Kyrgyzstan, Colombia, Saudi Arabia, Belarus, India, Switzerland, Kazakhstan, China, Kuwait, Estonia



Sector: MedTech

Product line: Innovative solutions for high-tech medicine



mvssystem.com



MVS LTD develops innovative solutions for high-tech medicine. The company offers a line of turnkey solutions and products in telemedicine and integrated / smart operating rooms, which are based on in-house software for OR workflow management, video management inside and outside the OR, creation of video archives of the surgeries, etc. MVS LTD develops innovative solutions for high-tech medicine. The company offers a line of turnkey solutions and products in telemedicine and integrated / smart operating rooms, which are based on in-house software for OR workflow management, video management inside and outside the OR, creation of video archives of the surgeries, etc.

KEY FEATURES & BENEFITS

- Creates an ergonomic, comfortable environment for the surgeon
- Ensures comprehensive patient safety
- Cross-platform software for Windows and Linux
- Fast adaptation of interfaces to the needs of the client
- Modular structure (gradual installation and expansion)

GLOBAL MARKET PRESENCE:

- Belarus
- Iran

FORMS OF COOPERATION

Government initiatives, distributors, joint ventures, financing

KEY TARGET MARKETS:

- Uzbekistan
- Kazakhstan
- Iran
- Turkey
- MENA



Sector: MedTech

Product line: High-tech prosthetics



www.global.motorica.org



Sk

MOTORIKA is a leading Russian developer and producer of high-tech upper limb prostheses, recognized as a world leader in the product assortment in its field.

The company offers unique solutions such as CYBI, the world's only functional children's prosthesis with smartphone control, and MANIFESTO-Fingers, a high-tech bionic prosthetic hand manufactured by only two companies in the world.

KEY FEATURES & BENEFITS

- Inertial control of the prosthesis position
- Optical sensors for reading commands from muscles
- Built-in IoT module and cloud platform for monitoring status and activity
- A system of mechano tactile feedback

GLOBAL MARKET PRESENCE:

- India
- Malaysia
- Vietnam
- Turkey
- Egypt
- CIS
- Russia

FORMS OF COOPERATION

Distributors, government agencies, investors, partners

KEY TARGET MARKETS:

- MENA

STEPLIFE

Sector: MedTech

Product line: Prosthetic limbs



<https://steplife.pro/>



Sk

Steplife is a company which produces innovative prosthetic legs using knee modules with a pneumatic and a microprocessor control system. They apply the latest advances in biomedical engineering. The company's artificial limbs are designed for children and adults. Steplife scientific and production team consists of highly qualified design engineers, programmers and specialists in the field of microelectronics. The company has also started developing innovative prosthetics for feet and hands.

KEY FEATURES & BENEFITS

- Own development and production of electronic components
- Durable and lightweight materials – aviation aluminum
- High degree of localization (90% of Russian components)
- The price is 30-40% lower than its foreign counterparts
- More than 300 prostheses with a pneumatic system are already in operation

GLOBAL MARKET PRESENCE:

- Kazakhstan

FORMS OF COOPERATION

Investments, partners

KEY TARGET MARKETS:

- Uzbekistan
- Kazakhstan
- Belarus
- Azerbaijan
- Iran



Sector: MedTech

Product line:

CardioCARD – a telemetric ECG monitoring system for daily usage



www.cardioqvark.ru



 КардиоКАРТА.

Cardioqvark was founded in 2014 and has been developing remote cardiac monitoring devices.

The Company cooperate with leading medical institutions - products have been introduced into the Russian healthcare system. More than 150,000 people have undergone cardiac screening, and more than 10,000 people use our devices every day.

KEY FEATURES & BENEFITS

- Results may be downloaded into EMIAS database
- A medical document is generated as a measurement result
- Provides day-long patient monitoring

GLOBAL MARKET PRESENCE:

- Russia
- India

FORMS OF COOPERATION

Government Initiatives, Distributors

KEY TARGET MARKETS:

- Asia
- Middle East
- Africa
- Latin America

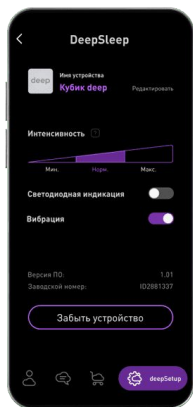


Sector: MedTech

Product line: Deep Sleep Cube



<https://deep-corp.com>



Deep Corporation Pvt. Ltd. founded in 2014, carries out a full cycle of development and production of its own innovative sleep improvement products. They were the first to identify and scientifically prove the characteristics of PEMF technology to improve objective sleep quality indicators. It has 2 patents (+1 application) for the technology of using low-frequency electromagnetic field pulses at frequencies from 1 to 40 Hz and an intensity of less than 40 μ T to stimulate a person's deep sleep, and to make sleep lighter, from which awakening becomes more comfortable.

KEY FEATURES & BENEFITS

- 2 device models: deep.n and deep.r.
- The company owns patents for the technology
- Eases the waking process, meanwhile improving the sleep quality

GLOBAL MARKET PRESENCE:

- Russia
- Kazakhstan
- Brazil
- Spain

FORMS OF COOPERATION

B2C (Sleep Disorders), Distributors, Hotels, Sanatoriums, B2B (Corp. Gifts), private clinics

KEY TARGET MARKETS:

- Asia
- Middle East
- Africa
- Latin America

Sector: MedTech

Product line: Medical contact environments



<http://en.medikraft.ru>



MediKraft LLC is an innovative production company, a resident of the Skolkovo Technopark and the Science and Technology Park of the Novosibirsk Akademgorodok. The company carries out a full cycle of development and production of modern contact media for instrumental diagnostics in medicine, cosmetology and industry, using the latest scientific achievements and cooperation with leading research institutes of the Siberian branch of the Russian Academy of Sciences (SB RAS).

KEY FEATURES & BENEFITS

- Modern platform and optimized composition
- 16 registered products for medicine, cosmetology and industry
- Without propylene glycol – reduced risk of allergies (confirmed by SB RAS)
- Joint development with institutes SB RAS

GLOBAL MARKET PRESENCE:

- Kyrgyzstan
- Kazakhstan
- Uzbekistan
- Armenia
- Belarus

FORMS OF COOPERATION

Government customers, distributors

KEY TARGET MARKETS:

- Asia
- Middle East
- Africa
- Latin America



Sector: MedTech

Product line: An innovative platform for interpretation of genetic data



<https://mygenetics.ru>



MyGenetics was founded in 2013 and is a high-tech company that is on the list of leaders in the direct to consumer segment in the DNA testing market.

We conduct genetic research and make their results understandable and accessible so that everyone can apply them in their lives and have been working in the field of personal genetics, decoding their results and making recommendations in the field of nutrition, sports, cosmetology and health.

KEY FEATURES & BENEFITS

- An innovative platform for personalized health and nutrition
- Simple interpretation of genetic data for non-specialists
- Specialized MyCollagen test for skin, bone and vascular health
- Support doctors in creating personalized treatment plans

GLOBAL MARKET PRESENCE:

- Kazakhstan
- Uzbekistan
- Kyrgyzstan
- Georgia
- Belarus
- Cyprus
- Dubai
- Chile
- Spain
- France
- Germany

FORMS OF COOPERATION

Biohackers, athletes, nutritionists, people who are looking for customized solutions for the prevention of diseases, maintaining health, beauty, youth and normalization of nutrition

KEY TARGET MARKETS:

- Asia
- Middle East
- Africa
- Latin America

Osteo-Sibear implants®

Developer, manufacturer and supplier

Sector: MedTech

Product line: Implants



<http://osteo-sibear.ru>



Sk

Osteo-sibear was founded in 2021, a group of companies consisting of three factories for the production of medical devices, create a company for the production of bioresorbable magnesium products.

For the successful implementation of this project, agreements on scientific and technical cooperation were concluded with the leading universities of the Country and the Association of Surgeons.

KEY FEATURES & BENEFITS

- Biocompatible absorbable magnesium implants
- Reliable fixation and stimulation of bone regeneration
- Significant reduction in rehabilitation time
- Exclusion of repeated implant removal operations

FORMS OF COOPERATION

Partnership in the form of full-cycle production, localization.

KEY TARGET MARKETS:

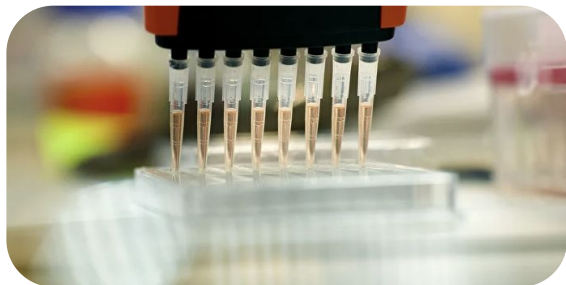
- Saudi Arabia
- United Arab Emirates
- India

Sector: MedTech

Product line: rapid tests for the diagnosis of diseases



<https://rapidbio.ru/en>



Rapid Bio LLC, a resident of Skolkovo, is an pioneering manufacturer of rapid diagnostics tests in Russia with a wide range of products for infectious diseases, biomarkers, food safety etc. The company conducts the entire cycle of development and production of rapid tests. Our manufacturing capacity is of up to 15 million tests per month.

Rapid Bio LLC team of biotechnologists and R&D specialists creates the most advanced medical products according to the best international standards.

KEY FEATURES & BENEFITS

- Wide range of products: medicine, veterinary medicine, food safety
- High sensitivity and specificity at an affordable price
- Production capacity: up to 15 million tests per month
- Compliance with international standards

GLOBAL MARKET PRESENCE:

- Thailand
- Mexico
- South Africa

FORMS OF COOPERATION

Government initiatives, distributors, local IVD manufacturers, KOLs (doctors, heads of government organizations and regulatory authorities, NGOs specializing in the diagnosis and treatment of various diseases)

KEY TARGET MARKETS:

- Thailand
- Indonesia
- African region: South Africa, Nigeria, Kenya, Tanzania

Sector: MedTech

Product line: software solutions for healthcare



www.pirogov.ai/en

1 Data receiving

Pirogov AI receives endoscopic photo or video of ear, nose, throat

2 Preparing video or photo

Splits the video into separate images

3 Recognition of anatomic structures

Recognizes the anatomical structure of the ear, throat, nose in the image

4 Recognition of locations on the anatomical structure

Distinguishes between the left and right parts on the anatomical structure

5 Recognition of diagnosis on the image

Defines an expert diagnosis for each image

6 Selection of best images

Selects the best images in the examination

7 Returning result

Transmits the results with the diagnosis and clinical recommendations for treatment

KEY FEATURES & BENEFITS

- The accuracy of diagnosis of ENT diseases is 95% or higher
- Support for general practitioners in decision-making and patient routing
- Early diagnosis of oncological diseases
- Reducing the risk of errors and improving the quality of medical care
- 40% increase in the profitability of clinics from endoscopy

GLOBAL MARKET PRESENCE:

- Kazakhstan

FORMS OF COOPERATION

Government Initiatives, partners, distributors

KEY TARGET MARKETS:

- China
- India
- MENA region
- Kazakhstan



Sector: MedTech

Product line: Stereotactic holders for minimally invasive procedures



<https://irs-innovation.com/>



IRS LLC was founded in 2014 as innovators in stereotactic holders for low-invasive procedures.

Expert Team: Visionary CEO with an economic background, medical experts in radiology and oncology, skilled professionals in sales, design, and production.

- 4 Russian patents, pursuing 4 international patents.
- Successful prototype: 3000+ operations at Voronezh regional hospital.
- Clinical trials underway at First Sechenov University.

KEY FEATURES & BENEFITS

- High-precision navigation thanks to stereotactic design
- Compatible with CT for real-time trajectory monitoring
- Reducing the radiation burden on doctors and patients
- Expanding CT capabilities and improving the safety of interventions
- Accelerated recovery of patients compared to traditional methods

GLOBAL MARKET PRESENCE:

- None

FORMS OF COOPERATION

Government Initiatives, distributors

KEY TARGET MARKETS:

- Uzbekistan
- Kazakhstan
- Belarus
- Azerbaijan
- Iran

Sector: MedTech

Product line: Interactive patient simulator



<https://med-game.ru/en>

MPro develops digital professional medical digital products for doctors and patients, including mobile and web applications, interactive learning systems, reference books and atlases, as well as solutions for visualizing medical content. The MPro Virtual Patient platform is a platform for situational training of healthcare staff. Interactive educational scenarios are hosted on the platform.

In an interactive format, the user goes through different levels.

KEY FEATURES & BENEFITS

- Interactive training based on real clinical scenarios
- Game format with multi-level tasks
- Development of diagnostic skills, decision-making and actions in emergency situations
- Accessible from any device: smartphone, tablet or computer
- Suitable for continuous professional development of health workers

GLOBAL MARKET PRESENCE:

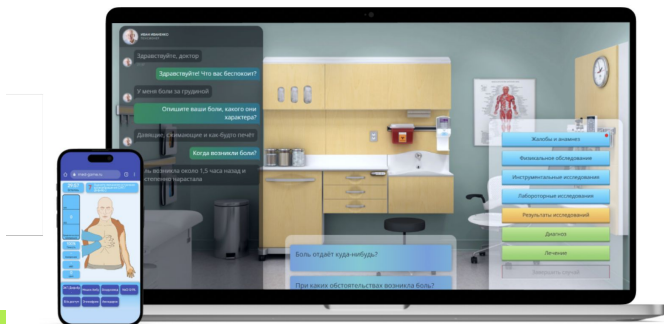
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FORMS OF COOPERATION

Healthcare Institution and Organizations

KEY TARGET MARKETS:

- Asia Pacific
- Middle East
- Latin America
- Africa

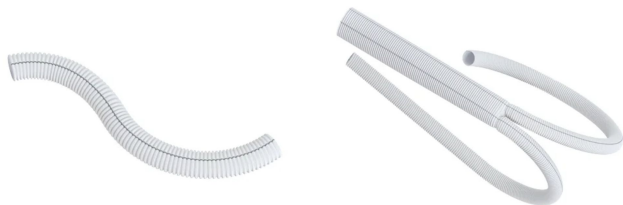


Sector: MedTech

Product line: Endoprosthesis



<http://www.medtp.ru/main>



Medtekhnoeproekt has a technology for the production of full-cycle vascular endoprosthesis with antithrombogenic coating of metal nanoparticles. Coating with clusters of titanium nanoparticles on the surface of PET polymer provides antithrombogenic property during prolonged contact of the surface with blood flow. Additional biodegradable coating based on polymers of animal or non-animal origin provides high biocompatibility and about zero surgical porosity. The company's developments are embodied in implants for surgery.

KEY FEATURES & BENEFITS

- Unique antithrombotic coating made of titanium nanoparticles
- High thrombosis resistance with prolonged contact with the bloodstream
- Biodegradable coating ensures biocompatibility and minimal porosity
- There are no analogues in the world in terms of processing level and properties
- Suitable for clinical use in vascular surgery
- Proven experience in validation and control of key characteristics: sterility, stability, biodegradation

FORMS OF COOPERATION

Healthcare organizations

KEY TARGET MARKETS:

- Asia Pacific
- Middle East
- Latin America
- Africa



Sector: MedTech

Product line: Support load simulator



<https://korvit.org/en>



Founded in 1992, **VIT LLC** is a Skolkovo resident and a developer of advanced hardware-software systems. The flagship product is the Korvit rehabilitation complex, designed for patients with motor impairments and neurological diseases. The company specializes in engineering solutions for therapy and rehabilitation and holds strong expertise in software development.

KEY FEATURES & BENEFITS

- An innovative simulator for patients with neurological disorders (stroke, cerebral palsy, TBI)
- Fast verticalization – reduction of terms 20-30%
- Personalized walking programs with VR and sensory stimulation
- Use from the first stages of rehabilitation
- Tactile foot stimulation, vibration, tilt, heating and interchangeable textures
- Scientifically proven effectiveness

GLOBAL MARKET PRESENCE:

- UAE
- Thailand

FORMS OF COOPERATION

Medical rehabilitation centers, public and private hospitals, B2B and B2G partners, distributors in the MedTech field

KEY TARGET MARKETS:

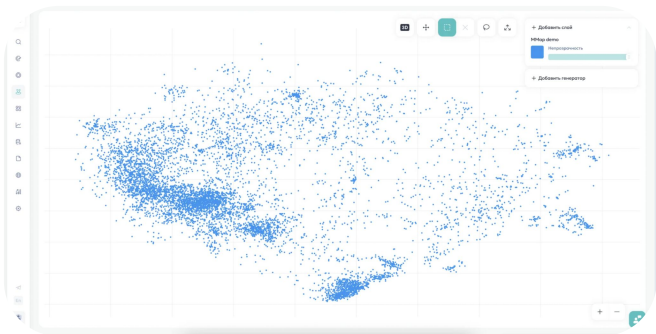
- Russia
- UAE
- Southeast Asia

Sector: MedTech

Product line: AI-platform for chemical research



<https://syntelly.ru/aboutsyntelly>



Syntelly develops algorithmic solutions to accelerate chemical research using artificial intelligence. The team has extensive experience launching software startups globally and has published in high-impact scientific journals. The flagship project is the development of a national platform for chemical data analysis and synthesis planning, aimed at boosting innovation and import substitution in the chemical and pharmaceutical sectors.

KEY FEATURES & BENEFITS

- Retrosynthetic planning, reaction product prediction, molecular generation with user-defined properties
- It features a database of over 155 million molecules
- Deep learning-based predictive models for calculating physicochemical, toxicological, biological, and ecological properties

FORMS OF COOPERATION

Pharmaceutical companies, chemical R&D departments, universities and research institutes, B2B clients in cheminformatics and predictive modeling

KEY TARGET MARKETS:

- Russia
- China
- India
- UAE
- Saudi Arabia



Sector: MedTech

Product line: Habilitative exoskeletons



www.ekzar34.ru/



INNOMED LLC was founded in 2014 and is based in Volgograd, Russia. The products have been in R&D for over 10 years, with >50 patents received for multiple devices.

The only habilitative exoskeletons on the market that in most cases also provide a rehabilitation effect. A unique invention by Russian scientists – a passive rehabilitation exoskeleton. Designed for patients with mono- and paraparesis of the upper limbs.

KEY FEATURES & BENEFITS

- Combines habilitation and rehabilitation
- Suitable for both patients and healthy users
- Reduces muscle strain and pain
- 300+ confirmed clinical cases
- 50+ patents, 10+ years of R&D
- No market equivalents

GLOBAL MARKET PRESENCE:

- Kazakhstan

FORMS OF COOPERATION

Government customers, distributors

KEY TARGET MARKETS:

- CIS
- Middle East