

Pomerania Development Agency Co.

Capital Fund



investing in innovative ideas



www.invest.arp.gda.pl

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Agencja Rozwoju Pomorza S.A. / Pomerania Development Agency Co. (PDA) launched its activity in 1992. It is the strong institution setting the standards of entrepreneurship support for Pomerania. The Agency is also an important partner for local authorities in the area of stimulating regional development, implements the EU Funds for businesses and institutions enhancing entrepreneurship, and carries through projects of great significance for Pomerania.

Since 2009 PDA has been managing a seed capital fund of 10 mln EUR for investments in innovative ideas. The innovators receive an opportunity to implement and commercialize their projects, which are derived as a result of research and development. The authors of the best ideas receive financial support, expertise and assets at early stage of the project (called pre-incubation). They gain access to free office space, free expert consulting in technology transfer, market research, due diligence, etc. Next, the Agency makes financial contribution by setting up a partnership with the innovator. As a result, it becomes the shareholder with up to 49% stake in the newly – established company by investing up to 200 000 Euro. Keeping in line with its investment strategy, PDA withdraws its capital engagement by either issuing shares or selling its stake to one of the partners or to other venture capital fund after receiving planned return on the investment. By doing so, PDA raises funds which are later invested in further innovative projects.

The Agency realizes also other projects of great importance for the region: it runs the Investor Assistance Centre responsible for economic promotion of the region and direct foreign investments, undertakes ventures aimed at fostering entrepreneurship in the region and provides professional and comprehensive information, consulting and training services for the SME sector.

High quality of provided services has been proven by many certificates: ISO 9001, KSU, Ministry of Economy certificate and other appropriate accreditations.

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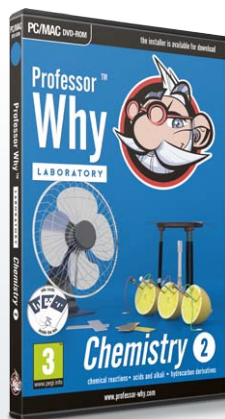
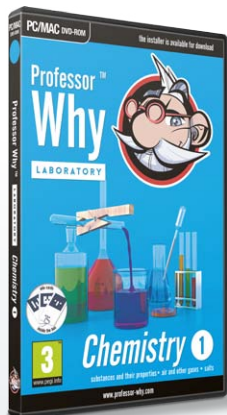
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1. CTAdventure Ltd.

Professor Why™ developed by CTAdventure is an interactive computer game based on Augmented Reality technology to help children understand the world of science and let them carry out their own experiments in a safe, virtual laboratory. It is a fantastic alternative for schools, which, without limits, will be able to teach how to carry out experiments.

Marek Trojanowicz and Mateusz Marmołowski, founders of CTAdventure, decided to create Professor Why after they found out that the education products that are available nowadays cannot compete with a great amount of games and entertainment products full of violence. Professor Why application combines computer generated images with reality, introducing the user to the exciting world of science that can be explored both at school and at home. The program lets the user carry out experiments in a safe and environmentally friendly way without a need to be equipped with expensive reagents and laboratory utensils. To turn the game on, one needs to have a computer and a webcam in order to change a room into a virtual laboratory.

CTAdventure is planning its further development. The next products will be education games for learning physics, biology and mathematics. They chose these subjects, because this is what often causes problems to young people at school.



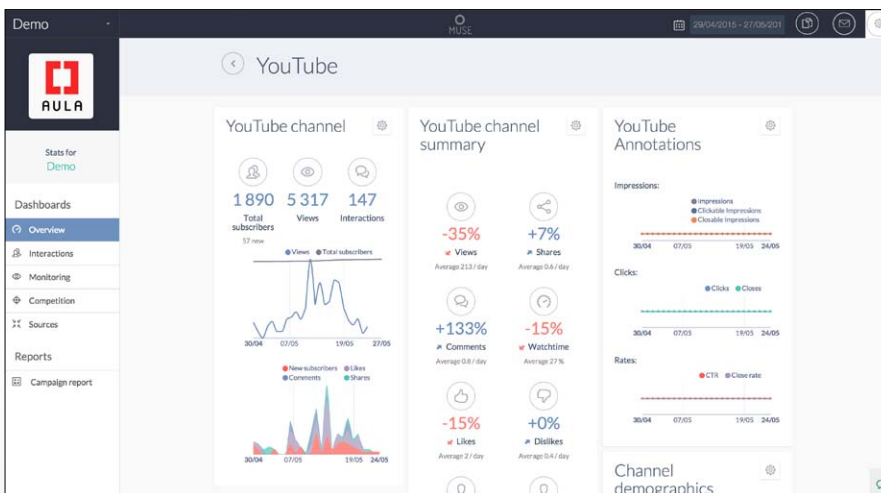
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2. Gunhead Ltd.

The main product of the company is the MUSE – real-time YouTube Analytics tool, which boosts your channels and monitors your YouTube competition. Unlike all other tools offered by Gunhead competition, it doesn't only show data gathered from YouTube Analytics, but it also performs operations on them and enables a full overview of channels' condition and viewers' positive and negative reactions. Positive reactions are juxtaposed and a radar chart, which allows clearly seeing what aspects of the content are strong and which ones still require work. It monitors competitions' YT channels, their growth, successes and their movies' viral potential, thanks to tracking how are they trending in social media. It generates real-time campaign reports, monitors set phrases. MUSE presents even the most advanced data in a lucid, clear way and helps you analyze your channel faster.

Gunhead is currently in startup phase. MUSE is already an unrivaled YouTube Analytics tool, invaluable for MCNs and brands that want to conquer video marketing on YouTube. In Poland Delivery Heroes, Canal Plus, Castorama and many others already rely on MUSE to help them be the most versatile companies in terms of YouTube marketing. Company wants to further enhance it and create an application that will allow to conquer markets in Western Europe, USA and beyond. Their ambition is to create an unparalleled Video Marketing device, capable of tracking competition and audience engagement, foreseeing viral potential, analyzing performance, and monitoring multiple Social Media platforms that allow video placement. Gunhead goal is to build it to be incredible easy to use by teams working on multinational and multilingual markets.



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3. NovaPUR Ltd.

NovaPUR Ltd. is the spin-off company, whose shareholders are scientists from Gdańsk University of Technology, Special Purpose Vehicle of Gdańsk University of Technology – Excento Ltd. and Pomerania Development Agency Co. NovaPUR operates in research and development sector and focus on development of industrial technologies of eco-friendly polyurethane materials production, based on environmentally friendly raw materials. Innovative compositions enable preparation of materials which are less expensive and whose properties are comparable to commercially available polyurethanes based on petroleum-based materials.

NovaPUR Ltd. is the owner of two patents and one European patent application. Potential recipients of developed technologies are producers of raw materials and systems used in polyurethane technology.

Activity and future targets of company include:

- Development of technology of eco-friendly polyurethane materials production.
- Development of halogen-free flame retardants and the technology of improvement of flame retardancy of polyurethane foams.
- Development of new polyurethane composites and nanocomposites.

Recommendations for products developed by NovaPUR Ltd.:

- Silver Medal of iENA 2011 international trade fair for the project “New Generation of Polyurethane Rigid Foam”. Nuremberg, Germany, 2011.
- Brown Medal of XIV Moscow International Salon of Inventions and Innovation Technologies „Archimedes 2011”, for the project “New Generation of Polyurethane Rigid Foam”. Moscow, Russia, 2011.

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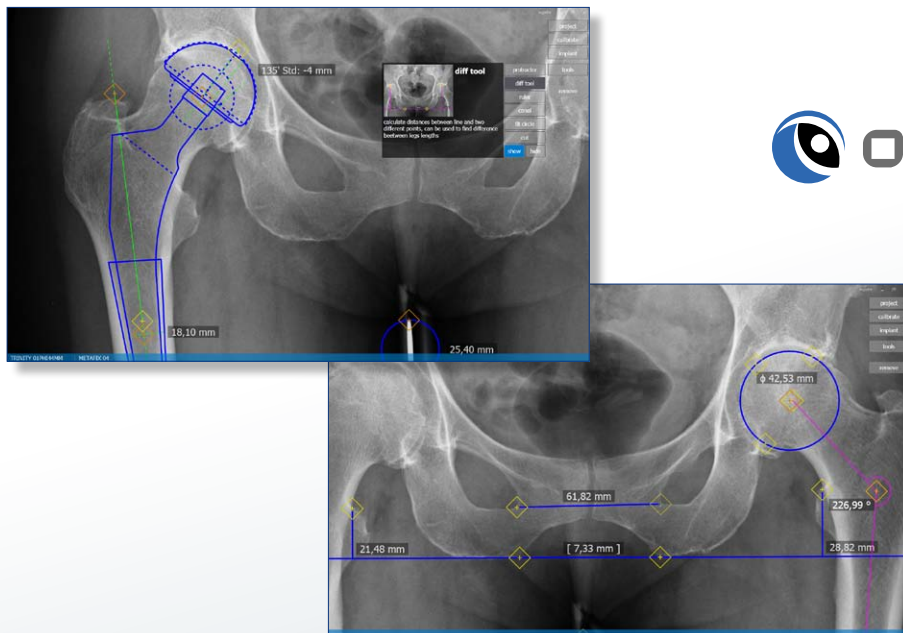


4. OptiMedi Ltd.

The company main product Planner 2D is a medical software supporting doctors in planning the performance of surgical procedures, which in this case involve hip resurfacing and total hip replacement. It allows for optimal implant selection for patient's anatomical bone structure.

Surgical planning with Planner 2D consists in positioning on a digital X-ray image implant templates downloaded from the database, which allows to try a lot of prostheses in a short time conveniently. The application provides tools to determine size and location of femur head and marrow canal, tools for following geometric measurements: distance, angle, diameter, limb length inequality and hip reduction tool. Such application increases the chances for doctors to choose best fitted implants. This gives to a patient the most appropriate prosthesis and as natural mobility of the joint as possible.

OptiMedi Ltd. is a subsidiary of OptiNav Ltd. established with Pomerania Development Agency as a part of the "Initiating Innovative Activity" project. It is present on polish and French market with its templating application – Planner 2D. The company is currently searching for new sales markets for its software – new distributors and customers. OptiMedi is also developing 3D surgery planning software – Bone Extractor, which is intended to use along with 3D printing technologies. It allows for femur and hip bone separate 3D models generation based on CT scans, 3D printing them and giving orthopedists big picture of planned surgery.



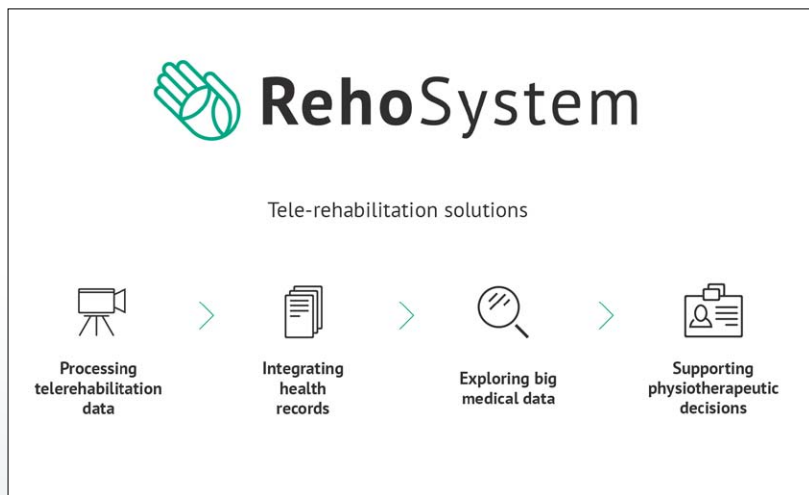
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5. Rehabilitatus Ltd.

The company offers system for telerehabilitation. Main challenge of contemporary telerehabilitation services is their quality. Only by maintaining an appropriate level of service, remote therapy is able to pursue its medical goals. One of the most important conditions is the integration of telerehabilitation process with the capabilities of specialized clinics, which offer expert medical knowledge, access to highly professional and technologically advanced diagnostic and therapeutic infrastructure available on site, and contact with skilled professionals.

Offered by Rehabilitatus Ltd. RehoSystem is an ICT system that addresses this challenge by providing comprehensive platform to manage physiotherapy process, including management of electronic medical records, sensor-based monitoring and control of patients' physiotherapeutic exercises, and advanced processing of historical medical data.



RehoSystem can be used both at the clinic and at home to support remote physiotherapy. In each case system provides the patient with instructions regarding how to perform exercise, and then validates the execution of given activity. The system also allows real-time remote monitoring of rehabilitation by a physiotherapist who can gain access to video stream of exercises performed by a patient.

The unique combination of RehoSystem features includes multi-sensor semantic interoperability and data fusion, medical data mining, knowledge discovery, and tools to support decision-making in physiotherapy.

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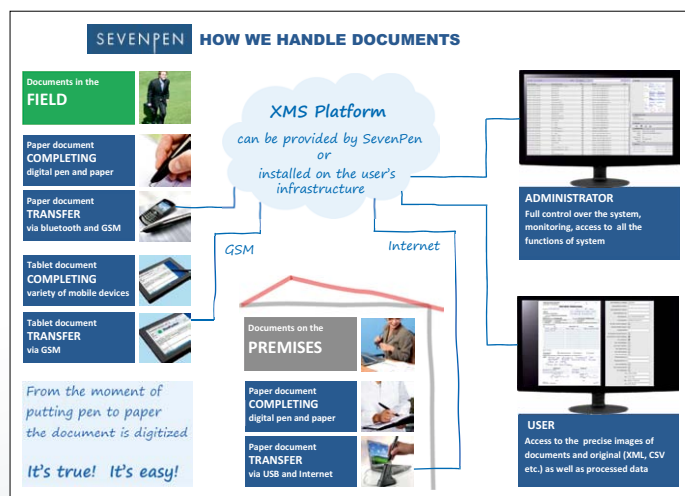
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6. SevenPen Ltd.

The main core of the company business is to provide IT systems for handling any documents including hand-written components such as text, drawings, signatures, initials, marks etc., regardless of media they are stored on or devices they were created with – ordinary paper, mobile devices, boards etc. As a partner of Anoto AB and XMS Penvision AB companies we use the DIGITAL PEN AND PAPER technology for capturing the documents and handwritten data, XMS Formidable platform for transferring the data, handling documents and also converting the handwritten data into a digital, editable form. After the process is completed, data is processed further by our original software dependent on the particular application required by the end user.

SevenPen Ltd analyzes business processes of potential clients and makes an assessment in order to verify whether the implementation of their technology is thoroughly justified from the business ('value for money') point of view. The assessment enables to indicate and evaluate the business advantages that can be achieved. At the next stage the optimum way of implementing the solution can be proposed and eventually they prepare project and complete the implementation of the system.

Currently the company customers are companies providing services/deliveries in the field through their service networks. However they also have attractive solutions for other market segments. The company has also established a close cooperation with the leading Polish IT companies, providing solutions for different market segments and are therefore able to offer specialized solutions, dedicated to different business areas, such as banking, insurance, health service etc. Recently SevenPen was invited by the National Institute of Public Health to participate in large projects – creating nationwide systems for the family pathology and epidemiology areas.



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7. Sinutronic Ltd.

The company was established in 2013 in Poland. During 18 months, the company developed the concept of a laryngoscope and prepared the device for the series production. During its first presentations, ENTviewer gained considerable market recognition and positive reviews from experts. Today, the company focuses on delivering devices to clients and preparing new models for production as well as on looking for a foreign market.

ENTviewer is intended for complex examination of tonsils and pharynx. Owing to a built-in strobing option, it can also be used for observation and screening diagnostics of larynx and vocal folds. Minimum examination time of not more than three seconds, which does not require sterilization but disposable covers, enables the user to perform many such examinations in a short time. Owing to numerous automatic functions, Live View wireless video transmission as well as mobility and multifunctionality of the device, physicians gain exceptional comfort at work, while patients are satisfied with the examination. However, an excellent value for money remains the main advantage of ENTviewer. The software EndoMaster which comes along with ENTviewer enables the user to preview the examination on the screen, record, edit, and archive it. It is clear and intuitive. Recently, the company offer has been extended by model M and MS, i.e. a portable version which is equally functional as the desktop model (model L and LS), only it was placed in a small, handy suitcase that allows for easy and fast transfer.

Soon Sinutronic is going to present also the top-of-the-range model of ENTviewer MCS, with embedded computer to eliminate the need for having a separate PC. Also in preparation are otoscope and rhinoscope tips for ear and nose examination.



sinutronic

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8. TMA Robots Ltd.

The company focuses on cartesian robots production. Cartesian robot is designed for the plastics processing industry, is used in applications to receive moldings, serving pieces for overmolding or palletizing of parts on a conveyor belt, and the administration IML. What distinguishes their solution in the global market include the software allow you to control the robot through a central system in accordance with the assumptions Industry 4.0, self-optimizing algorithms and increased activity due to the ability to control remote access to the parameters of the robot via the Internet.

Currently, the time needed to manufacture a robot is about eight weeks. Customers can order the device tailor-made according to your needs. TMA caters to a wide range of customers, from small and medium-sized enterprises to large manufacturing companies operating in areas such as home appliances, automotive, packaging or pharmaceutical industry and medical and cosmetic.



The company, founded in January 2014 years has already started selling the first robots – is present in the domestic market. It is already preparing for international expansion, where it will compete primarily using its technological advantage, which is self-optimizing algorithm, which allows for individualized to meet the needs of customers. The current production capacity is 60 units per year.

TMA Robots Ltd. is looking for partners to expand into Western Europe and the US market.



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9. ChilliD Ltd.

The company's goal is to commercialise the technology connected with the production of an intelligent label (indicator) informing of the quality and life of the product – temperature indicators (TTI Time-Temperature Indicator) and indicators warning of exceeded critical temperature (CTI – Critical Temperature Indicator). Chill-ID is a revolutionary TTI technology. It allows for production of indicators which will be applied in the food, medical, and pharmaceutical industries. The task of intelligent packaging (indicators) is to inform the potential purchaser of the quality condition of the packed product through colored indication.

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10. Cloud Industry Solutions Ltd.

Cloud Industry Solutions specializes in implementation of Hotel Data application basis for hotels. This system supports management in managing the business hotel, based on the available financial and accounting data, helping to establish in particular: the minimal price, the minimal occupancy rate covering hotel's costs, the cost of available and occupied room.

The most important advantages of their offer are high availability 24/7 from any location and an individual approach to each object. The company is a member of Madkom S.A. group.

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11. Emptor Labs Ltd.

In 2014 company created its flagship web product 5pillows.com, which helps teams communicate with customers through email, social media and phone. The application is beautifully designed, simple and powerful. Emptor Labs has also discovered five simple rules of awesome customer experience that improve sales and loyalty. It is possible to get basic account for free or update to PRO for unlimited insights.

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12. i-Trends Ltd.

i-Trends functions actively on the market since 2010. The main area of the company's activity is providing comprehensive telecommunication and IT solutions. The company bases its services on modern technologies and global internet trends.

As a publisher of globfone.com i-Trends render free telecommunication (SMS, PC-Phone, WebRTC) services each year to nearly 2 million users located all over the world.

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13. OffiServ Ltd.

FoxyTasks, created by OffiServ, helps event and marketing managers effectively organize projects, tasks and budgets. FoxyTasks engages whole project team, including freelancers and customers. As a cloud-based project management platform FoxyTasks offers progressive software tools for project planning, extensive and smooth collaboration and project budget management. FoxyTasks works great for marketing campaigns, planning trade shows, consulting projects and new product development.

OfficeServ is established by PM experts, Aleksander Kowalczyk and Przemysław Berliński, who found out that the world needs new approach for Project Management especially dedicated to SMB. They decided to make this idea happen.

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14. Utmost Tech Polska Ltd.

Scuba Geek™, offered by the company, is a realistic 3D scuba diving simulator featuring fully interactive dive training materials based on PADI® courses. This serious game experience allows Players to learn more about diving by playing through beautifully crafted underwater environments. The Player's experience is enriched by simulating diver's buoyancy, as well as water visibility effects, currents, and sea life. Scuba Geek consists of two sections: (1) COURSES – designed for users who never dove before, interested in scuba dive training and certification; and (2) DIVE MAPS – the selection of popular dive sites around the world, designed as a briefing tool for divers who want to evaluate the virtual 3D maps before the real dive.

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15. Mode JSC

Mode is the manufacturer of a high quality, innovative solution which automatically produces product imagery and 360° presentation. MODE360° provides multiple solutions for fast and easy photography with 360° and 3D animations.

The company products are targeting among others the following markets, sales & marketing, R&D, internal and external communication, multimedia, e-commerce, online services, quality control, and legal departments. Their principal customers include manufacturers and sellers of jewellery and watches, online stores and auctions owners, collectors, hi-tech spare parts manufacturers, photographers and many others.

They sell products worldwide and are looking for new sales agents and distributors.

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16. Toucan Systems Ltd.

Toucan Systems mission is to provide their clients with the most innovative interactive marketing solutions:

- Augmented Reality
- Motion Control
- Gesture Control
- Touch Control

They also excel at creating image analysis based applications and company management software including modern sales techniques tools. In the company portfolio one can also find visual analysis (statistics) solutions allowing their user to measure and assess the efficiency of any chosen promotional devices (billboards, stands etc.). Toucan Systems solutions can be implemented on any given platform.

Listening to the clients and with the use of state-of-the-art technologies the company provide tailor-made professional solutions to clients setting-up a stable foundation for a long-term cooperation.

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Discover Pomerania in the North of Poland

Pomerania is one of the most dynamically developing regions in Central-Eastern Europe offering world-class conditions for conducting business. A number of measures adopted in recent years mean that the region is becoming more and more advanced and attractive every day.

The regional success results from many factors such as:

- Convenient, seaside location on the crossroads of main European transport corridors
- Consistent investment in infrastructure, science and business
- Young, ambitious and excellently educated staff
- Exceptionally attractive place to live in

Pomerania Region in Figures:

Population ^{*(†)}	2,29 mln
Area ^{*(†)}	18 300 km ²
Largest business centre ^{*(†)}	Tri-city (Gdańsk, Gdynia, Sopot)
Number of enterprises (2013) ^{*(†)}	in total: 261 000 including 1 406 (2012) ones with foreign capital
Cargo Turnover in seaports in 2014 ^{*(†)}	51 685 mln of tons
Lech Walesa international Airport Gdańsk <i>(data Airport, March 2015)</i>	Number of connections: 54 in low season, 61 in high season Number of airlines: 8 Number of several passengers in 2014: 3,288 mln
Number of students in 2013 ^{*(†)}	101 914
Population growth rate in 2013 ^{*(†)}	First place in Poland

^{*(†)} Central Statistical Office, (CSO)



photo: PGA SA, T. Urbaniaak



Sopot



photo: DCT Gdańsk

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photo: City Hall of Gdańsk



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