



ΚΥΠΡΙΑΚΟ
ΕΜΠΟΡΙΚΟ ΚΑΙ
ΒΙΟΜΗΧΑΝΙΚΟ
ΕΠΙΜΕΛΗΤΗΡΙΟ

Λευκωσία 20.4.2016

Προς: Όλα τα Μέλη
Από: Τμήμα Υπηρεσιών και Εμπορίου

Κυρίες, Κύριοι,

Συνημμένα σας αποστέλλεται το προφίλ εταιρειών της Ουγγαρίας που ενδιαφέρονται να συνεργαστούν με την Κύπρο.

Παρακαλούνται οι ενδιαφερόμενοι να επικοινωνούν απευθείας με τις εταιρείες.

Με εκτίμηση

Χρίστος Πετσίδης
Διευθυντής Υπηρεσιών και Εμπορίου

DURABLE CONSUMER GOODS



MANOOI

Home furnishing and retail design

Our products and services

Custom-made crystal chandeliers

“ We are passionate about bringing light to your in its purest form. ”

Who we are

Manooi is a Budapest-based company specializing in crystal chandeliers of the highest quality. With its timeless designs and legendary quality in crystal manufacturing, Manooi offers an extensive range of chandeliers for any settings (from classic to modern) with an aim to re-create and enhance the positivity of natural light in homes, public building, private residences to hotels, restaurants and retail outlets; creating new universes every day.

Our work

Manooi work with architects around the world, developing special light installations for their projects. Year after year we are excited to present Manooi's latest collections to our loyal international clients, many of them are art loving individuals with a constant desire for new and powerful aesthetics. The demand for a more personal design led us to experiment with new materials, design accessories and furniture.

Our value proposition

MANUFACTURE: The Manooi atelier is where these magnificent light creations take shape. Every Manooi design is the product of long hours of expert workmanship. It doesn't end here; Manooi's quality control procedures ensure it undergoes a rigorous inspection process such that it meets and exceeds the highest standards in the industry. A special area of the atelier is dedicated to the expert design of Manooi's bespoke chandeliers and to product development.

MATERIALS: Crystals emerged as the component of choice and remain the quintessential material of Manooi chandeliers. Reflecting and refracting the light, these universally-loved gemstones are statement-making, and create a remarkable effect. Manooi chandeliers' stainless steel frames can be gold-plated to match the interior and are assembled with specially designed and manufactured fittings. The use of special light bulbs and wiring ensures the longevity of these light creations, guaranteeing decades of illumination.

www.manooi.com



ILLUMINATE YOUR LIFE

Founders, Judit Zoltai and János Héder, have nurtured and evolved the Manooi atelier into what it is today. Their vision grew out of their own personal experiences, beliefs and expertise. Inspired lead designer János invites us to experience a new world in lighting. **“Light creates space – as an architect I work with light sources as determining elements of a given space.”**

- Inspiration is drawn from the world around us and found in natural sources of light.
- Simple geometrical shapes create harmony for the human eye.
- Timeless, contemporary designs transcend passing trends.



NOVO QUADRATUM LTD.

Home furnishings

Our products and services

Furniture: Production and trading of unique shelves.

“*Simply fitting*”

Our value proposition

Our beautiful shelves have a design unique to the industry. Most of our finishes are 100 % waterproof, so they can be placed in wet, or humid places or even outdoors. Our shelving systems can weigh 6-7 kg, though the load-bearing capacity can be up to ten times stronger. Options like colour, veneer finishes and hidden lighting lead to truly breathtaking impressions.

Who we are

Since 2012 Novo Quadratum has been creating unique and exclusive furniture with 15 years of furniture making experience.

The plans of the shapes are born through digital programs and conform to strict feasibility standards before they receive their highest quality hallmark, the Novo Quadratum logo.

Our work

All of our products are handcrafted in the EU.

www.novoq.eu

NOVO
QUADRATUM

UNIQUE SHELVING

LIGHTWEIGHT DESIGN AND EASY INSTALLATION

Novo Quadratum makes beautiful and unique shelving using special materials and designs. Our material and production technology enables a special curved shape in our elements and allows for an unmistakable intertwining of components. A variety of colours enable the customer to realize different ideas.

Fornicatus Arched Novo Quadratum Shelf System

In this shelf system arched or wavy elements are used. Our arched pieces are produced individually, manufactured in a moulding press



Angulus Novo Quadratum Shelf System

This special shelving system enables these special shelves to be mounted in corners.

Lignum Veneered Novo Quadratum Shelf System

Lignum means wood. The elegance of this veneered wood surface in combination with the Novo Quadratum design makes for a lovely showcase piece.



Area Separatio Novo Quadratum Shelf System

These special shelves consisting of traditional elements serves as a vertical room divider.

SZINGA SPORT LTD.

Shoes, apparel and accessories

Our products and services

Production of shoes, apparel and accessories which are designed by Hungarian artists.

“Life is my masterpiece”

Our value proposition

High-quality uniquely designed pieces made by Hungarian artists in limited quantity. Artistic fashion. Unique streetwear. We are proud ourselves in our customer service, satisfying our customers needs with creative premium products, special collections and limited-edition products.

Who we are

Dorko is a Hungarian fashion brand, founded in 2013 with the aim of connecting art with fashion and artists with ordinary people. We want to create things which are unique, eye-catching and interesting.

The basis of our brand comes from the vision to help local young artists get into the spotlight and to support their art, imagination and development. We collaborate with the best young sculptors, fashion designers, street and tattoo artists, musicians, and architects.

Our work

Among our partners are premium brands, special collections in footwear, apparel and accessory lines. We work together with big brands like Nike, Vans, Adidas, Converse, Djinn's, Cayler & Sons. DORKO products are CE, ISO, FDA certified.



www.dorko.eu

OFFERING PREMIUM BRANDS' SPECIAL COLLECTION AND UNIQUE PIECES.

EXTRAORDINARY DESIGN FOR EXTRAORDINARY PEOPLE

DORKO presents fresh, unique collections from Hungarian artists in partnership with premium brand products, special collections and limited-edition pieces. We cooperate with young local artists of all types and big brands like Nike, Converse and Adidas to bring a unique artistic offering to fashion.

We hope to expand into brick and mortar stores abroad, raising the profile of young Hungarian artists internationally. We plan to partner with musicians, artistic and cultural institutions and universities, bringing a new line of unique designed merchandise products to the world and increasing our distribution lines.



DORKO - DESIGNED BY HUNGARIAN ARTISTS
EVERYDAY PEOPLE WITH ALTERNATIVE TASTE IN STREET FASHION

Our product line offers a spring/summer and winter shoe collection. Shoes and apparel are designed in Hungary using Hungarian designers and local artists.

We produce our goods in Hungary, China, Vietnam and India. Different products are made with different technological industry implementation.



We want our clothing to act as a canvas, spreading art and a message to the people. We support special organizations and movements because we care for our city, our country, our world and our problems.

CONNECT FASHION WITH ART

We aspire to have our own Szinga Sport brand, connecting fashion with art. We hope to support Hungarian designers and artists in presenting their own designer shoes and apparel in and out of the Hungary.



VARIQ WORLD

Pre-fabricated luxury cabins

Our products and services

Innovative tailor-made luxury cabins with intelligent controls and variable layouts for virtually any set up.

- Spa and wellness cabins
- Home cinema or cigar rooms
- Easy-to-relocate salons
- Garages
- Mobile offices
- Pavilions for catering functions

“*Intelligent luxury cabins – without limitations*”

Our value proposition

We offer Hungarian-developed and patented premium category outdoor cabins built exclusively to individual specifications.

The expertise, complex reasoning, customer-oriented approach and enthusiasm of our colleagues guarantee the high quality and long service life of our products.

The VARIQ team includes interior designers, mechanical and electrical engineers, controllers, product managers and experts in IT, communication, PR and business.

Do not compromise. Choose VARIQ intelligent luxury cabins – choose the technology of the future!

Who we are

VARIQ was built on the vision of Csaba Pődör in his mission to strive for excellency as an engineer and several-time Hungarian kick-boxing champion, World Cup winner, and World Championship finisher.

“While training and running in a forest, I envisioned I could stop right there and relax in a hot sauna, while enjoying the purity and harmony of nature and watching the birds and the swaying of the trees in the gentle breeze. On my way home this thought turned into an idea, which later materialised in the VARIQ brand.”

Our work

VARIQ is the elegant harmony between variability, intelligence, and quality. The perfect answer to harmonise nature with the most cutting-edge technologies.

<http://variq.hu/>



VARIQ LUXURY CABINS

FOR SPORT, WELLNESS AND NATURE

Our ready-to-use cabins come fully equipped and furnished and can be set up almost anywhere to provide the perfect location for therapeutic and health-related services.

They can be customized to suit any specifications. Our cabins can be used as cryotherapy (cold shock) chambers, salt therapy rooms, various types of saunas, Jacuzzis and more.

Cabins can be fit together and turned into a complete beauty centre offering a complex range of services.



VARIQ LUXURY CABINS

UNLIMITED OPPORTUNITIES FOR BUSINESS

Set up on tiny lots or in public spaces, VARIQ cabins can be set up for various functions.

Mobile offices, conference or presentation rooms, smoking rooms, mobile garages or a sound-proofed home cinema.

Each cabin can be easily branded, transported and relocated and are a perfect solution for road shows.

Cabins can be fitted together in any formation for novelty and spectacular design.



BAKONYERDŐ ZRT.

PARQUET FACTORY
Home furnishing

Our products and services

High-quality engineered wood floorings

“Naturally, from wood!”

Our value proposition

BEFAG offers high-quality engineered wood floorings with special surface treatments at a good value.

Who we are

BEFAG is a Hungarian parquet manufacturer featuring innovative, high-quality engineered wood floorings. Our 35 years of experience has positioned us as a solid and financially mature company.

Our mission is to produce and sell a wide range of high-quality and up-to-date products, using flexibility and innovation. We aim to have the best personal relationships with our buyers.

BEFAG anti-bacterial wooden flooring was awarded the “Hungarian Quality Product Award” prize in 2012.

Our work

BEFAG is located in Western Hungary, providing access to delivery routes through all parts of Europe.

Our products with the brand name PanLoc are produced by using the lock-license of the Swedish company Välinge.



www.befagparketta.hu

BEFAG WOODEN FLOORING

BRINGS NATURE INTO YOUR HOME OR OFFICE

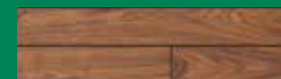
Wooden surfaces have always been a popular way to bring the peace and beauty of nature into your home or office.

Several decades of professional experience, a committed staff and our regularly upgraded production technology guarantee that **BEFAG wooden flooring** will enable you to create the harmony you are striving for.

This is an environmentally friendly product created using state of the art technology. Its eight layers of lacquer incorporate ceramic particles that contain silver ions, preventing the growth of bacteria and fungi found on floor surfaces. **STRUCTURE:** **BEFAG wooden flooring** consists of three parts. The lower and the middle layer are made of pinewood. The top layer is made of hard wood, available in various colours adjustable to the atmosphere of the space. Hard woods include Oak, Black Walnut, Turkey Oak, Ash, Acacia, Wenge and Doussie. Our woods come in a variety of hardness to accommodate traffic patterns and use.



4. VARIOUS SURFACE TREATMENTS
3. TOP LAYER MADE OF HARD WOOD
2. PINEWOOD LATH
1. PINEWOOD VENEER



INDUSTRY AND CONSTRUCTION



TECHNOKOV FORGING AND SHEET METAL PRESSING CO. LTD.

Sheet metal pressing

Our products and services

Tank heads, caps, hand hole and manhole covers, cones, segments for spherical tanks and vehicle parts.

“All tank heads from Technokov.”

Our value proposition

We manufacture a wide range of products from just one dealer. We also specialize in customization needs, fulfilling requests - from one piece manufacturing to mass production.

Who we are

The predecessor of Technokov was purchased by the Hungarian state in 1870 and was subordinated to the state railways directory under the name of “Machine Works of Hungarian Royal Railways” (Magyar Királyi Államvasutak Gépgyára - MÁVAG).

Technokov Kovácsoló és Lemezsajtoló Kft. was established in 1991 from the sheet-metal pressing plant of the large industrial company that introduced the manufacturing of heads in Hungary.

Our work

Technokov Kft. exports half of its products to Middle East and another half to the Hungarian and European markets.

We have several certifications including EN 10204:2005-2.2, EN 10204:2005-2.3, EN 10204:2005-3.1, EN 10204:2005-3.2, EN 10204:2005-3.1+AD2000, EN 10204/2005-3.2 + AD2000, EN 10204:2005-3.1 + PED, EN 10204:2005-3.2 PED

www.technokov.hu



BEGINNING OF A NEW DIMENSION

Two years ago a railway tank manufacturer from the Czech Republic asked us whether we could manufacture new tank heads for them with bigger diameter than average.

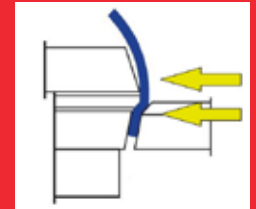
When we received the technical drawings we realised that our current tools did not have the capacity to make this new 3040 mm product. In order to best serve our client, we invested in a new tool costing 100k euro. We have now furnished 40 of these new tank heads and our customers are happy. Technokov goes above and beyond to meet the call of duty.



NEW POSSIBILITIES WITH OUR NEW JOGGLING MACHINE

Our new joggling machine can fulfil individual requests for customization allowing the measurement of the tank head perimeter at two points (e.g. joggling, above the joggling).

The measurement result is visualized on a digital display and stored in a short-term archive.



Features of the unit:

- High-precision laser sensor (Keyence)
- Servo axis for positioning of the sensor
- Angle sensor to work spindle
- Protective case for measuring unit
- Digital display for displaying the measurement results



QUALIFORM ZRT.

Aluminium gravity casting

Our products and services

Tool manufacturing, aluminium gravity casting

“Award-Winning Quality!”

Our value proposition

We are dedicated to providing the highest quality aluminium die casting for the automotive, construction and engineering industries.

We are committed to using the best environmental practices for the earth and for our staff.

Who we are

Qualiform Zrt. was established in 2007 as the successor of BT Holding Qualiform Kft. (1995-2007). Qualiform specializes in complicated, labour-intensive automotive castings with sand cores. Our expertise comes from our many years of experience as an aluminium mould and tool producer.

Our outstanding work has won us accolades like the MOSZ prize, MAN and others. We aim to be the best aluminium die casting manufacturer in the world.

Our work

Our products are primarily used within the automotive industry and are also used in engineering and construction. Ninety percent of our production takes place in European Union partner countries. We control 10 percent of the domestic market.

Our business partners come from Europe and South America and our customers include BMW Austria, man (Germany, Brazil), Rosenbauer International, Aventics Hungary and others.

We are ISO Certified 16949:2009, ISO 9001,

<http://www.qualiform.hu>



PRESSURE DROP TEST

Qualiform has replaced old leakage test methods with modern pressure drop testers. This has allowed us to develop high-quality stands and fixtures. We use innovative and fast technology for testing. Our test results are impressive.



CASTING PRODUCTION MEASURING EQUIPMENT FOR CONTROL

We have developed a measuring system able to show and store all necessary data for quality assurance in casting (metal temperature, density index, spectral analysis). We currently manufacture aluminium die castings in the range of 0.3-0.5 kg/pc up to 10-15 kg/pc. We are able to produce parts from all types of alloys.



SZABADALAKÍTÓ KOVÁCSÜZEM CO. LTD.

Metal works and forging

Our products and services

Our products are round steel bars, flat bars, shafts, camshafts, disks, punched disks, forged flanges, sleeves, rings, crane hooks.

“ *Masters of freehand forging since 1920* ”

Our value proposition

We manufacture a wide range of products and can fulfil individual requests, all from one supplier! We deal with everything - from the manufacturing of one piece to the mass production of thousands.

We are the only forging company in Hungary with NORSOK certification.

Who we are

Szabadalakító Kovácsüzem Ltd. was formed in 1999, as an individual company. The predecessor of our company was the freehand forging sector of the giant GANZ-MÁVAG Ltd., which was formed more than 100 years ago.

It is 100% Hungarian owned and is operating profitably with 60 dedicated employees.

Our work

The company produces 1-1800 kg freehand forged pieces and 20-80 kg closed die forged pieces. We produce unique forgings and many thousand different kind of products. Our quality assurance system and production also complies with the European PED 97/23/EC directives. (Cert No: 01 202 H/Q-04 0001).

The required mechanical and chemical analysis of our products is carried out either in our own laboratory or other approved ones. All our activities is in accordance with the ISO-9001:2008 standard certified by TÜV Rheinland. (Cert No: 75 100 9.651).

www.szak.eu



NON-DESTRUCTIVE AND DESTRUCTIVE EXAMINATIONS

Our products stand strong and meet quality assurance and production directives in compliance with the EU and we examine all our products according to the following tests:

Non-destructive examinations:

- Ultrasonic test according EN10228-3; -4; and SEP 1921.
- Hardness test until 40 kg until HBW 10/3000 - Hardness test above 40 kg with POLDI method
- Lichid penetrant examination or magnetic particle examination on pre machined or finish-machined products



Destructive examinations:

- Tensile tests according to EN 10002-1; 5
- Notch toughness tests according to EN 10045-1 (until -60 °C)
- Metallographic examinations



NORSOK STANDARD

Our company is the only forging company in Hungary with NORSOK certification.

In order to deliver valve parts for oil rigs in the northern sea, one customer asked us to acquire NORSOK certification



Unique in Europe as well in Hungary, we worked hard to gain NORSOK certification so we could best serve our clients. After two years of strict audits, renewal of our measurement system and updates in data recording, we did what needed to be done, in order to secure the certificate.

IBV HUNGÁRIA LTD.

Lighting products and plastic processing

Our products and services

- Dust- and waterproof industrial LED luminaires with higher IP-rates
- Processing of glass fibre reinforced polyester compound (GRP, SMC) for electrical, construction and sanitary industry.
- PT FirstOne, our latest patent, is a high performance fireproof construction material that meets the strictest standards of public transportation.

“Hungarian professional expert know-how used in combination with German technology”

Unique value proposition

Feedback from our partners on countless occasions confirms the outstanding price performance ratio of our products we are able to offer thanks to two major factors: Hungarian professional expert know-how used in combination with German technology.

Numerous European companies have transferred the production of their plastic products to us. We have assumed our partners' production successfully whether it be GRP (glass fibre reinforced polyester) or thermoplastics processing. Nothing expresses the trust of our partners placed in us better than the fact that such projects resulting from production transfers accounts for 30 % of our revenue.

Who we are

For over 20 years, IBV HUNGÁRIA Ltd, has been recognized on the market as a leading producer of dust- and waterproof industrial luminaires with higher IP-rates for fluorescent tubes or those equipped with LEDs.

In addition, we manufacture GRP-based (glass fibre reinforced polyester) products (kitchen sinks, electric cabinets and telecommunication equipment) designed in cooperation with our partners.

Our work

More than 95 % of our production volume is sold on international markets in more than 40 countries of 5 continents.

Our clients include Cooper-Crouse-Hinds, Emerson-EGS-ATX, Jean Müller, Legrand, Osram, Pracht Lichttechnik, R. Stahl Schaltgeräte GmbH, Schuch, Siemens TS, Siteco, Striebel & John (ABB), Wirefield lightning, 3M Quante.

The quality level of our products meets the requirements of European standards (ENEC) and the highest expectations of our customers.

Our company meets the standards of the ISO 9001 quality management and the ISO 14001 environment management system.

www.ibv.hu

i | b IBV HUNGÁRIA
V Lighting and Plastic Processing

INDUSTRIAL DUST-AND WATERPROOF LUMINAIRES

In today's market of luminaires, a producer's success is determined by the quality of its products and whether they work safely and reliably.

In the light of this, our production is driven by the principle of manufacturing good quality products, which is ensured by careful scrutiny and continuous improvement of our processes from purchasing of components to delivering our products.

Our luminaires are equipped exclusively with good quality components and each single piece is tested using a 100 % electricity test. Continuous improvement of our laboratory enables us to run tests on our luminaires, ensuring that we are able to meet the requirements of relevant standards as well as the expectations of our customers.

We are keen on gaining more experience through special tests which we may further utilize in our new product-development projects.

- Excellent cost/performance ratio
- Full range of dust and waterproof fixtures and battens (IP65, IP66, IP67) containing luminaires with excessive chemical, hit and temperature resistance and high-endurance, tolerating even extreme temperatures between -30 °C and +60 °C
- Quality components and electricity test
- Unique opal diffuser for LED module applications
- State-of-the-art LED luminaires with market-driven product design
- Mould shop with facilities for maintaining and repairing moulds
- High-quality compliance with EU standards - ENEC Certification
- Reliability and flexibility



NANOBASE LTD.

Nanotechnology aided surface coating

Our products and services

Nanotechnology as versatile self-cleaning and anti-microbial surface coating

“*The new generation of Surface Technology*”

Our value proposition

Nanobase coated surfaces are self-cleaning and anti-bacterial as well as safety certified and environmentally friendly. Our unique product lines offer everything from nanobase treatment for vehicle exteriors to solar coatings, air-cleaning products, hygiene products, primers, cleaners, and industrial lines for virtually any type of surface. We continually invest in innovation, combining various materials to develop new, unique, state of the art, products for the expansion of our product range.

We are the only company in Hungary with a tested antimicrobial coating and an ISO certification.

Who we are

Nanobase was founded in 2012 as an innovative micro-enterprise. Since that time, we have expanded our product lines to offer a more complex service palette to our customers. The company were originally created to purchase anti-microbial surfacecoating which protects surface areas against microbiological contamination. Our products were tested by Bioservice – Scientific Laboratories, Quality Labs and Leibniz University, Hannover

Our work

We develop nanotechnology coatings for an increasing range of applications.

www.nanobase.hu/en/



HYGIENE ON THE HIGHEST LEVEL NB2236

NB 2236 anti-microbial surface coating protects surface areas against microbiological contamination.

Through active ingredients in its coating, this product uses the principles of photocatalysis to blocks viruses, bacteria and other germs from spreading and multiplying. Crystalline silver ions make the surface coating reactive with even the lowest levels of light. Endotoxins are not formed during the decomposition of pathogens and bacteria.

This anti-microbial product can be used in a variety of settings requiring hygiene including: hospitals, clinics, food processing plants, nursing homes, pharmaceutical factories and with clothing, medical equipment and other devices.

Our product has been tested by several international and independent laboratories including the Hungarian National Centre for Epidemiology.



HYGIENE ON THE HIGHEST LEVEL NB2236

NB2210 solar coating products are based on a uniquely developed, photo catalysis principle. The coating creates a super-hydrophilic surface. The coating naturally decomposes and removes organic pollutants which dissolve in the rain. The coating reaches full potency after curing, and lasts for five years. The scratch-resistant surface only needs sunlight and rainfall to keep the surface clean – no expensive chemicals or detergents are needed. Self-cleaning increases the light permeability of the glass, increasing solar cell efficiency by up to 3%. The coating also provides a 7H (Mohsen) hardness to the surface. With increased scratch-resistance, the life cycle of the solar cell is prolonged.



HUNGARO LUX LIGHT LTD.

Lighting products

Our products and services

Complex LED-based industrial lighting solutions

“ *LEaD the Future* ”

Our value proposition

We excel in developing and providing project-based, unique solutions for street lighting products and systems.

Who we are

Hungaro Lux is a Budapest-based company, established in 1996. We develop and produce high-end LED lighting products for in- and outdoor applications. As a consortium member of the EU, the EU funded our PearlLight street lighting family which became popular in Germany. The company exports to Slovakia, Ukraine and Egypt and has distributors in the USA and South-Africa. It cooperates with universities in R&D projects.

Our work

We produced the first intelligent and interactive system, which manages street lighting systems of entire towns. We have also provided nine filling stations of the MOL chain with special-design lighting products.



<http://www.hungarolux.hu/>

STREET LIGHTING IN HAJDÚBÖSZÖRMÉNY, HUNGARY

INNOVATION AND PARTNERSHIP ALLOW FOR A 50% DECREASE IN ENERGY USE

Hajdúböszörmény, Hungary - Hungaro Lux Kft and Elios Zrt. have partnered to provide an innovative lighting solution allowing the city to decrease its energy use by 50%.

Starting with street lighting, the partnership worked to systematically revised each system to perform with greater efficiency.

By enabling interactive dimming and lighting communication and using intelligent LED lighting fixtures, this smart technology partnership has had great results.

- We reduced power use by 50%
- Reduced carbon-dioxide emissions by 102 tons
- Improved lighting comfort (luminance, colour rendering)
- Can predict errors and send warnings before failure becomes a reality
- Thanks to forecasting, field visits are minimised, allowing for better services levels and reduced cost.



ENERGY COST REDUCTION MOL PETROL STATION

Hungary – At the 68 MOL petrol station, Hungaro Lux was appointed with the task of reducing energy costs through better lighting.

Retaining the older lamp bodies, while replacing their parts, resulted not only in an energy savings of 65-70% of energy costs but reduced maintenance and had a return on investment of less than four year.

We started by replacing traditional light fittings with LED illumination in the station outside garnering a 70% reduction in energy consumption, making for a quick return on investment.



The other, more spectacular task was to replace the shop lighting. The original lamps had to be changed regularly, so new LED lighting devices, developed especially for MOL, were created and fitted.

RIMÓCZI AND PARTNER LTD.

Filtration products and solutions

Our products and services

- Solutions for automotive, pharmaceutical, chemical, paint and coating, food and beverage and water treatment industry
- Industrial air, liquid and dust filtration products such as bags, panels, felts, bands, mats, cartridges, units, candles, housings, membranes, belts and clothes.
- Engineering and Technical Services
- Facility Management

“Professional expert in industrial filtration for over 20 years”

Our value proposition

Our uniqueness relies on premium quality in our products and services, precision, quick delivery, competitive pricing and extensive coverage of standard and customized filtration products.

Our aim is to offer complete filtration solutions to our associates and to provide professional maintenance and logistical services for client requests.

Our purpose is to assess the substantial demands of potential consumers and translate demands into solutions that fully fulfil clientele expectations.

Who we are

Our company has been offering high quality products and comprehensive professional filtration management services for over 20 years.

We serve a wide range of industries such as pharmaceutical, chemical, automotive, food and beverage, water treatment and oil.

Our work

Located in Hungary, we export our goods to several EU countries within the above-mentioned industries.

Our customers include such industry giants as Audi, Opel, Mercedes-Benz, Denso, Hankook Tire, Bridgestone, Ford, BorsodChem, Henkel, MOL, BOSCH, Sanofi, EFIS, Richter Gedeon and Nestle.

We are certified ISO 9001.

www.rimoczifilters.com



THE VERY BEST

We serve some of the biggest names in every industry. From Nestle in the food sector to Audi and Mercedes-Benz in the automotive sector, to Richter Gedeon and Borsod Chem Zrt.

In the Pharmaceutical and Chemical industries, we serve the very best.

Our products include:

- Air Filtration: Z-Filters, Bag Filters, Sterile Filters, HEPA Filters, Filter Mats
- Dust Filtration: Felt Bags, Glass Bags, Fluid-bed Dryer Filters, Cartridge Filters, Ex-protect Filters
- Liquid Filtration: Filtering Felts, Exchangeable Insert Filters, Activated Carbon Filters, Liquid Bags, Chamber Filter Presses, Centrifuge Filter Bags, Filter Bands, Emulsion Filtration



PROFESSIONAL EXPERTS FOR OVER 20 YEARS

We offer high quality filtration products and comprehensive filtration management for a wide range of industries.

Our Services:

- Engineering and Technical Services
- Filter Management
- Industrial Maintenance
- Facility Management



VARGA-FLEXO LTD.

Printing presses

Our products and services

- Flexographic printing presses
- Laminators
- Slitters
- Mounter-proofers
- Adhesive dosers

“High quality prints, reliable operation and easy handling at favourable price.”

Our value proposition

Our company was founded with the vision of launching new flexographic printing presses, laminators, slitters and mounter-proofers on the international market from a Hungarian producer.

Our great reputation, happy customers and strong relationships ensure our company's competitive position in the printing market.

Varga-Flexo Ltd. combines high quality, short changeover time, cost effective operations, quick ROI and machine operator-friendly design. Our integrity is unbeatable - all of our machines have been operating reliably since 1993.

Varga-Flexo offers training for operators, consulting, machine maintenance, spare parts ordering and a 24hour service hotline for its clients. It also offers online remote monitoring systems with free Skype services for immediate support and customer needs.

Who we are

Varga-Flexo Ltd. hosts three generations of the Varga family, originally founded by flexographic printing expert, Endre Varga in 1993. Its headquarters and the service centre are located in Budapest with a production factory in Lengyeltóti.

Our work

We currently serve Central and Eastern Europe, Russia, the USA and Argentina. Our factory is ISO and all products are CE certified.

www.vargaflexo.eu



FLEXOGRAPHIC PRINTING PRESS

The latest technology: Compact 8-colour machines with central impression cylinder.

New developments:

- Flying splice
- Automatic ink supply, control and washing system
- Printing Artificial casings and tubes in 8+8 colour
- Higher speed availability: 450 m/min
- Larger, stronger and thicker machine frame: 100 mm
- Larger central impression cylinder: 1,800 mm
- Longer printing length: 300-900 mm
- Larger printing width: 500-1200 mm
- Enhanced printing decks



LAMINATOR-SLITTER-REWINDER

Two complete machines with one investment

- Side-change sleeve system
- In-built air-cylinder
- Detached servo-motors
- Coloured screen interface
- Adhesive dosing unit
- Automatic winding system
- 400 m/min slitting speed
- 200 m/min laminating speed
- 500-1500 mm laminating width



HEALTH CARE AND BIOTECHNOLOGY



GEBAUER PHARMA LTD.

Natural family planning

Our products and services

Non-invasive reusable ovulation self-testing

*“Natural, reliable fertility self-testing
in the privacy of your home”*

Our value proposition

With a global focus on health and increasing interest in natural approaches and the body's own wisdom, natural family planning and contraception methods have been gaining attention. Combined with the desire for independence and privacy, **OvuPred** provides a timely solution to modern-day needs.

We believe that natural family planning methods should be available to anyone who – irrespectively of any reason – is interested to learn and/or use them.

We offer methods and solutions which are:

- Natural and chemical-free
- Non invasive
- Private
- Easy to use
- Affordable and accessible by all society
- Available over the counter
- Reusable and environment friendly

Who we are

Gebauer Pharma Co. Ltd., a member of the Gebauer Pharma Group of Companies, based in Budapest, Hungary. Our family-owned business has been in operation for more than 25 years, developing innovative solutions for natural family planning, specializing in home-care in vitro diagnostic devices. Our manufacturing unit is ISO 13485 and 9001 certified.

Our work

All our products are CE certified for the European Union and registered in many African and Asian countries.

We serve customers through pharmacies, distributors and importers in Europe, Asia, Africa and the Middle East.

Gebauer⁺
Pharma

www.ovupred.com

SELF - TESTING DEVICE FOR NATURAL FAMILY PLANNING

Women from around the world, show a growing preference for natural non-invasive family planning methods.

Our product, **OvuPred** Ovulation Microscope, brings women from different cultural and religious traditions, the freedom to monitor their menstrual cycle - pinpointing her fertile days in the privacy of her own home. Ovupred is reliable, REUSABLE, pocket-size, simple-to-use, avoiding chemicals or the negative side effects of invasive testing.



OvuPred is affordable and can perform an unlimited number of tests. She only needs to buy it once. The test is convenient and based on a drop of natural saliva.

OvuPred is especially ideal for women with irregular cycles, women over 30 years of age or women who have used hormonal contraception methods for many years.

OvuPred is a useful education tool within families and helps girls and women of any age learn how their body works.



FERTILE



INFERTILE



EMD ENDOSCOPE DEVICE MANUFACTURING AND SALES LTD.

Endoscopic and surgical devices

Our products and services

Systems, instruments, equipment, accessories and components for:

- **Laparoscopy** (e.g. Trocar Systems and Telescopes)
- **Endo-Urology** (e.g. Cysto-urethrosopes, Percutan Nephrosopes, Resectoscopes, Uretero-renoscopes or Urethrotomes)
- **Arthroscopy** (e.g. Telescopes or Trocar Systems)
- **Hysteroscopy** (e.g. Hystero-Resectoscopes, Hysteroscope Sheaths)
- **Neurosurgery** (e.g. Aneurysm clips, Highspeed Motordrill Systems, Neuro-Endoscopy or Stereotactic System)
- **ENT** (e.g. Laryngoscopes, Oscopes, Sinoscopes)
- **Open Surgery** (e.g. Bipolar Instruments and Cables, Drills and Reamers, Monopolar Instruments and Cables, Retractor Sets, Saw Blades)

“ALL IN ONE HAND – From the designer's bench to after-sales services”

Our value proposition

We meet the needs and aspirations of the most sophisticated customers with innovative, high quality, user friendly endoscopic product solutions.

Who we are

Founded in 1997, our company grew from our expertise servicing the medical equipment of 5 major European hospitals. Through this work we identified the lack of high-quality medical instrumentation in the industry and grew to produce world class innovative medical instruments.

Our highly-skilled engineers work closely with end-users and research institutions, using a state-of-the-art CAD software aided design process to continuously innovate and expand our product line.

Our production unit works with world-class technology to turn innovations into leading patented technical solutions such as our laparoscopy and neurosurgery products. Stringent QAS controls the complete production process at all the levels and delivers products that comply even with the most restrictive medical device regulations.

Our work

Our company complies with ISO 13485:2012 and the 93/42/EEC Quality Assurance System certification for medical devices.

Our products are fully CE certified. We are headquartered in Hungary, serving clients within the European Union with an aim to expand globally.

www.emd.hu



LAPAROSCOPIC INSTRUMENTS

Ergonomic design, special jaw-opening mechanism, unique ratchet-release in the handle.

Endoline II series laparoscopic instruments are designed to be highly precise, reliable and easy to use, thanks to innovative technical solutions and world-class technology at production, which allow us to provide unique features like extended insulation through the outer shaft and one-finger operated locking mechanism in the handle.

Endoline II instruments are 360° rotatable and constructed from three fully detachable components. A wide range of jaw types make our instruments available to many professionals in laparoscopic surgery (e.g. surgery, urology, gynecology).



NEUROLINE SINGLE USE CRANIAL PERFORATOR

When safety is more than a need – NeuroLine perforators combine maximum safety with extremely high performance.

Cranial perforators are available in three models both for pediatric (for use on skulls as thin as 1.5-3.0mm) and for adult (for use on skulls as thin as 3.0mm or more).

Main advantages:

- Integrated safety release mechanism
- Bone pad for extra protection of dura
- Ideal geometry for cutting efficiency
- Extremely high performance
- Controlled drill tip
- Restart at any time



EMD ENDOLINE TROCARS

The world's shortest trocar body with manual valve opening.

The wide range of the reusable EMD trocar systems are designed for laparoscopic application (surgery, gynaecology, urology).

Producing an innovative trocar system is not only about manufacturing a durable stainless trocar with fast and easy assembly and economic spare parts. By combining our ideas with our experiences we have created a true port between the patient and the surgeon.

By using EMD EndoLine trocars, physicians can now focus on the operating field without the distraction of complicated accessories. The shortened trocar body design provides longer useful working length for the applied laparoscopic instruments. The conical shape of the internal inserting surface which introduces hand instruments, brings new ease to the operating table.



SOS CENTER LTD.

Emergency response homeware

Our products and services

SeniGuard Personal Panic Button with 24/7 Emergency Dispatch Operating Center

“SOS Center – For all your loved ones”

Our value proposition

This device offers a full range of functionalities and advantages to ensure safety including:

- An easy-to-use SOS panic button
- Fall-detection
- Two-way voice, SMS and data communication with listen-in functions
- GPS-based positioning and Geo-Fence function
- 4-day battery life with discharge warning
- Over-the-air programming and management interface for tracking
- Smooth aesthetic design, excellent sound quality

The 24/7 Emergency Dispatch Operating Center offers fast, effective emergency support through:

- Carefully programmed protocols and tested emergency procedures that manage all aspects of the response

- Pre-stored user data (e.g. location, health status, medications, drug sensitivities, allergies, blood type, location of spare-key) as well as emergency contacts (e.g. ambulances, relatives, civil defence or police stations) are displayed to and shared by dispatchers
- Secure operating software continuously monitors processes, logging events and data. Secure data systems prevent data loss during blackout and power failures and protect against malicious intrusion.

Who we are

SOS Center Ltd. was founded to provide a quick and effective response solution for personal emergency situations through integrating 21st-century technology with highly-skilled technical and medical responders.

Our service was initially developed for elderly people but has since then developed into an application for a wide range of end-users at risk such as children, people with disabilities and many other risk groups.

The CEO is an economist with 15 years of experience in company management and business consulting. The founder has 10 years of experience in sales, direct sales and call-center operation activities. The leader of the dispatch center is a doctor with 30 years of medical and forensic-medical expertise. The dispatchers are all professional medical personnel with 10-30 years of experience.

Our work

The SOS Center Ltd. operates an advanced, modern system for fast and efficient assistance in crisis situations. We comply with national and EU legal requirements and standards. Currently we serve customers in the European Union but the system can be easily adapted to individual customers and other legal and standard requirements.

www.soskozpont.hu



ELDERLY-CARE

The SOS Center's SeniGuard Personal Panic Button provides a one-button safety solution for elderly, disabled, sick or injured people who live alone and at risk.

When the fall-sensor is activated or the panic button is pushed, this device communicates via GPRS and has GPS transmitter allowing around the clock dispatchers to respond to the emergency. Highly experienced medical staff, specially trained in resource and emergency management, provide an appropriate and effective response to emergency calls.



CHILD-CARE

Street traffic, public transport, disorientation or even kidnapping, place children between 6 and 15 years of age at high risk, especially when walking to and from school on their own.

With the SeniGuard Personal Panic Button, a child's journey can be entirely tracked for safety. A Geo-Fence function alerts parents automatically when their child leaves a pre-determined Safe Zone. Using this device, parents can contact their children at any time. SeniGuard answers the incoming call automatically.



HAND-IN-SCAN

Hospital hygiene

Our products & services

Hand hygiene control device, hand hygiene training services, audit, monitoring

“*The visible improvement in hand hygiene*”

Our value proposition

Hand-in-Scan effectively and efficiently supports hygienic standards:

- Real-time UV-light feedback on hand hygiene, creating a safer environment
- Proven success: Analysis software trained on a dataset of 15,000+ hand images of healthcare workers.
- Can be integrated into any Hospital Information System (HIS)
- Can be used as a part of the Patient Safety Audit.
- CE certified electronic (non-medical) device.

Who we are

HandInScan was established in 2012 as a spin-off of the Budapest University of Technology and Economics (BME). The founders were students within the engineering development team, intending to reduce the spread of disease, infection and ultimately, preventable death of vulnerable populations in medical facilities.

Their innovation and transfer of technology, created a device that objectively controls hand hygiene performance of medical staff, receiving numerous international awards.

After finding success in early prototypes of the Hand-in-Scan device, the application domains were significantly extended from medical uses to include clean manufacturing sites, the food industry and high-end tourism.

The founders' core team skill set included biomedical engineering, infection prevention and control, electrical engineering, computer science, finance, marketing and project management.

The company exclusively licensed the relevant patent from BME.

Our work

Hand-in-Scan serial production began in early 2015 and has been available on the market since May 2015. It will be offered globally to any customer in healthcare & food industry. We are looking for distributors globally.

www.handinscan.com



THE IMPACT OF DIRECT, PERSONAL FEEDBACK ON HAND HYGIENE TECHNIQUE

A 2015 study in the Journal of Hospital Infection showed that Hand-in-Scan is an effective new training device that provides objective, personal and quantitative hand-hygiene feedback.

Method: 136 healthcare workers in 3 hospitals participated in a hand-hygiene assessment. After cleaning their hands with alcohol, Hand-in-Scan was used to provide digital images of participants' hands under an ultraviolet (UV) light.

Immediate objective visual feedback was given to participants, showing unclear areas they missed on their

Results: Using Hand-in-Scan, the rate of hygienic hand washing grew from 50% to 85%.

Conclusion: Hand-in-Scan improves hand hygiene. The presence of Hand-in-Scan monitoring devices in hospital wards will reduce transmission of dangerous infections and disease to an already vulnerable population.



A LARGE-SCALE ASSESSMENT OF HAND HYGIENE QUALITY

PUBLISHED IN BIOMED CENTRAL INFECTIOUS DISEASES IN MAY 2013

The efficacy of hand hygiene is not typically monitored though it is a critical step in protecting patient populations in the spread of illness, infection and disease. A 2013 study in BIOMED Central Infectious Diseases, analyzed patterns and trends in missed areas after the use of WHO's 6-Step hand-cleaning technique.

Method: A hand hygiene education and assessment program targeted 5,200 clinical staff at the National University Hospital of Singapore. Participants were guided by professional trainers through educational stations, which included technique-training and use of UV-light assessment after attempted hand-cleaning, supported by the digital photography of participants' hands.

Results: Only 72 % of staff achieved hygienic coverage despite the assessment taking place immediately after training.

Conclusion: Ongoing education and training plays a vital role in improving hand hygiene compliance and technique of clinical staff. Hand-in-Scan can provide immediate feedback at typical sites of failure to improve health and safety in medical facilities where it counts most.



MEDICOR ELEKTRONIKA CO. LTD.

Medical equipment and devices for neonates

Our products and services

- Neonatal incubator
- Neonatal warming and resuscitation table

“Authenticated European Manufacturer of Medical Equipment and Devices for Neonates since 1963”

Our value proposition

When the health of a new-born child is in danger, no risk should be taken. Price, quality, short delivery term – the client should not be forced to choose. MEDICOR can provide them all.

With more than 50 years of experience in the field of medical equipment manufacturing, the MEDICOR BabyLife family offers comprehensive solutions for the treatment of neonates. Competitive pricing, authentic European production, a service background and 24/7 support, are just a sample what the MEDICOR offers.

Who we are

With five decades of experience in neonatal care, we offer the latest cutting-edge technology in the field of neonatal care for ICU/NICU hospital departments all over the world.

MEDICOR develops their products through its own R&D center in cooperation with leading Hungarian universities, taking advantage of a long history of Hungarian innovation.

MEDICOR ensures professional marketing, sales and a service background to its partners.

Our work

We supply our neonatal care products to more than 100 countries all over the world. Our products have been a part of the LTA of UN organizations and UNICEF/WHO since 2009.

Our equipment and devices are CE approved and MEDICOR is ISO certified.



www.medicor.eu

BABYLIFE® BLF2001 TYPE INFANT INCUBATOR

Infant incubators provide a safe and stable environment for newborn infants, often those who were born prematurely or with an illness rendering them vulnerable during their first several months of life.

During this vulnerable time, safety is key. Our infant incubator ensures a stable environment utilizing micro-computer control, multi-level protection and silent operation as well as temperature, humidity and oxygen servo control.

MEDICOR offers more than 30 options to suit hospital needs.



BABYLIFE® BLR2100 TYPE WARMING AND RESUSCITATION TABLE

Newborn babies must achieve thermoregulation in order to survive hypothermia. Radiant warmers are heating devices used for this purpose.

Our Warming and Resuscitation Table, enables a warm environment through a ceramic heater controlled by a micro-processor. The anti-decubitus and gel mattress provides extreme comfort to the infant. The temperature regulated by BABYLIFE® BLR-2100 through thermo-radiation is adjustable within a wide range, while the radiator with its physiologically-optimal wavelength prevents the new-born child from chill.

MEDICOR offers more than 20 options to suit hospital needs.



MEDICOR HAND INSTRUMENT CO.

Surgical and dental equipment

Our products and services

Our product catalogue offers a full range of surgical and dental instruments for human and veterinary hospitals and clinics from one reputable supplier.

“Tangible Quality”

Our value proposition

Medicor Hand Instruments Co. manufactures 10,000 top-end surgical and dental instruments supporting all fields of human and veterinary medicine.

Our excellence and reliability has been acknowledged through decades-long relationships with our American and Western European partners.

Our instruments are made only from the highest-quality German base materials for medical use and are manufactured under the most stringent quality and process controls.

We offer 10-year guarantees for all of our products as well as free repairs or replacement in the event of a defect.

Who we are

Since 1952, Medicor Hand Instrument Co. has become one of the world's most reputable manufacturers and distributors of medical instruments.

Our dedicated team of innovation-oriented staff are the key to our success, helping us achieve the top-end quality required for the most demanding US and German markets.

Our work

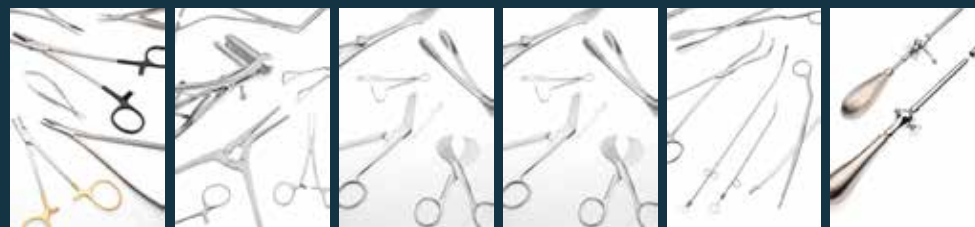
Our products are sold globally in the US, Europe, Japan, Russia and other countries and 93% of our sales revenues are realized from export with a market share of 50% in domestic markets.

Our product excellence has been acknowledged through numerous domestic and international awards for high standards including the National Quality Award in 2000 the European Quality Award in 2003.

Our products are certified under EN ISO 9001:2008,
EN ISO 13485:2003 + AC:2009,
FDA (USA): 9680519 and under the European CE directive:
MDD 93/42 EEC 06.14.1993



www.medicorkm.hu



OUR PRODUCTS

Knives, scalpels / Scissors / Pincers / Tissue and tampon forceps / Artery forceps / Probes / Needle forceps / Surgical hooks, spatulas, opening forceps Trocar instruments / Diagnostic instruments Gynecology instruments / Tracheotomy instruments / Organ forceps / Gal stone forceps / Neurosurgery instruments / Thoracotomy instruments / Kidney forceps / Atraumatic cardiovascular instruments / Traumatological and orthopaedic instruments / Bone instruments / Post mortem instruments / Instrument trays / Ear and laryngology instruments / Eye instruments / Microsurgical instruments / Dental, dental technician and dental surgical instruments / Dental instruments for equine veterinaries

GERMAN MATERIALS WARRANTY BEST QUALITY

Our instruments are produced from the highest quality German base materials and manufactured with moulded compounds, shapes, hardness, flexibility and corrosion-protecting properties to meet the strictest market and user requirements.

Our multi-phase integrated manufacturing processes are designed to guarantee the excellent quality of our final products. Every piece is subjected to chemical passivation to enhance resistance to corrosion. Our products are tested according to the highest standard.

Our final products include customized finishes and can be individually etched to include serial numbers or hospital names upon request.



MEDITECH LTD.

Cardiovascular monitoring units

Our products and services

- Ambulatory blood pressure monitors and pulse oximeters
- ECG event recorder
- Holter ECG monitors
- Multifunctional monitors
- Analysis softwares

“Take actions against hypertension!”

Our value proposition

We offer 24-hour ambulatory blood pressure monitors for medical device distributors and their clients.

Hypertension affects 1 in 3 adults worldwide. Vigilant monitoring is key:

- Record blood pressure data for 24-hours post medical visit for more accurate blood pressure profiles.
- Have reliable information about blood pressure changes, overnight dipping and morning surges to lower the chance of misdiagnosis and enable better drug treatment.
- Earn profit through reimbursement.

Who we are

Meditech has over 25 years of experience in manufacturing ambulatory blood pressure monitors and software applications tracking recorded data.

Meditech ambulatory blood pressure monitors are used successfully by physicians and specialists, in hospitals and in international research programs as well.

Our work

Meditech customers include medical device distributors, OEM partners, pharmaceutical companies and medical professionals worldwide. Argentina, Brazil, China, Germany, Hungary, Russia and the United Kingdom currently represent our most significant markets.

The company is ISO-certified, its monitors have CE mark and FDA market clearance.



www.meditech.eu

SEASONAL VARIATIONS IN NIGHT%TIME BLOOD PRESSURE CHANGES

Hypertension, or high blood pressure, is a dangerous condition leading to the hardening of the arteries, stroke, kidney disease, and the development of heart failure. Monitoring blood pressure after diagnosis is critical.

Treatment must be flexible and tailored to the climatic environment of the patient. Blood pressure is influenced by temperature changes: it is higher in winter and lower in summer. Monitoring night-time dips in pressure is an important factor in indicating cardiovascular morbidity and mortality.

Enter Meditech ABPM-05 and ABPM-04 ambulatory blood pressure monitors.

Our monitors have been critical to research used to find a seasonal link in night-time blood pressure dips. Use of our monitors contributed to successful hypertension management and control. (Clinical Trials and Regulatory Science in Cardiology 12 (2015) 12-17)



IDENTIFICATION OF HYPERTENSIVE PATIENTS WITH SUSPECTED SLEEP APNEA SYNDROME

Obstructive sleep apnea syndrome (OSAS), is the blocking of upper airflow during sleep; one of the most common causes of secondary hypertension, though it often stays undiagnosed.

Undiagnosed OSAS elevates the risk of cardiovascular mortality and increases the risk of sleep-related traffic accidents. Sleep studies recommended to diagnose OSAS, are not easily accessible, often unavailable or inconvenient. Studies confirm that Meditech apneABP ambulatory blood pressure monitor with sleep apnea screening functions can help in pre-screening OSAS in primary care. (High Blood Press Cardiovasc Prev (2015) 22:289-371)



MEDIMETAL LTD.

Bone surgery implants

Our products and services

Development and production of bone surgery implants and surgical instrument sets.

“All that is essential in trauma surgery”

Our value proposition

Our company is committed to high quality, new technologies and innovation in medical care and supply.

The product development is based on the continuous co-operation with our clinical partners. Our CAD-CAM system facilitates the efficient connection of design and manufacturing, while our manufacturing facility uses the latest technology from TORNOS, STAR, DMG work centers and Monnier-Zahner thread milling machines.

Our products are made of the highest quality stainless steel and titanium alloy from leading suppliers who guarantee quality and certification. The implant testing is carried out in accredited laboratories. All the finished products go through quality control.

Who we are

Our founders have 40 years of experience in developing and manufacturing bone surgery implants, during their career they were the pioneers of establishing the implant production in Hungary.

Our company has been in operation in its current form since 1993.

Our work

We supply our products to 18 countries: we are a core supplier of the Hungarian Healthcare since 1993, while our efficient distributor network allows us to grow our export dynamically since 2000.

We are aligned with ISO 13485:2012, ISO 9001:2008 and all our products meet the requirements of the EC Directive 93/42 EEC Medical Devices.

Our auditing partner is TUV Reinland.

www.medimetal.com



OUR PRODUCTS

Our wide product portfolio enables us to provide the hospitals with all that is essential in trauma surgery:

- femoral nails
- tibial nails
- humeral nails
- angular stable plates
- polyaxial plates
- special- and AO screws
- pins and wires
- surgical instrument sets.



LABTECH LTD.

Cardiovascular monitoring units

Our products and services

Monitoring and analysing the heart's activity and its electronic signals.

Products:

- Holter ECG system (1-2-3-12 channels Holter ECG)
- Stress ECG system (12 channel stress ECG system with treadmill or ergometer)
- Resting ECG system
- Telemedicine ECG system
- Ambulatory Blood Pressure system
- ECG simulator
- Integrated cloud based telemedicine and data sharing solutions

“Innovative, long-term ambulatory ECGs (Holters), Resting and Stress Test Systems”

Our value proposition

Our products are easy to wear, battery operated and made with the newest wireless technology and work in perfect integration with a Windows-based computer.

One of our newest telemedicine solutions is the development of an Android-based product line, allowing specialists in emergency centers to connect with remote clinics or emergency vehicles using any Android-based device.

Our commitment to quality allows us to offer a 24-month guarantee for our products, which includes training, technical support, uncomplicated access to spare parts and customer service that is second to none.

Who we are

Labtech Ltd. is an innovative Hungarian company established in 1990, developing and manufacturing PC-based ambulatory ECG Holter, Resting and Stress Test Systems.

With 25 years of experience, our in-house manufacturing and software development teams, work on the most cutting-edge medical solutions of today.

Our work

Our products are exported globally and currently distributed in Europe, Asia and Africa. Our product excellence is guaranteed by our quality assurance certifications: ISO 9001 and ISO 13485. All our products are CE marked, in line with EU Medical Devices Directive 93/42/EEC.

www.labtech.hu



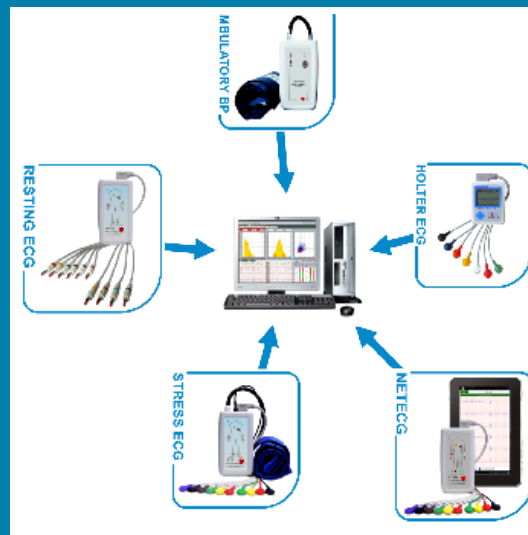
INTEGRATED SOFTWARE SOLUTIONS CARDIOSPY® SOFTWARE - CLOUD AND USB INTERFACE

Our proprietary integrator software

Cardiospy® is the perfect solution for every type of cardiological examination, be it a simple resting ECG examination, an ambulatory blood pressure analysis or a stress test ECG examination.

Its integrated database enables all clinical data to be stored and managed on the same interface. This increases operational efficiency and improves patient care.

All of our devices communicate using a mini USB-02 interface key with Bluetooth technology, ensuring a fast PC connection. Network operation is available with all of our ECG systems; only one USB-02 is needed to operate in a network environment. This function increases work efficiency and is a very cost-effective solution.



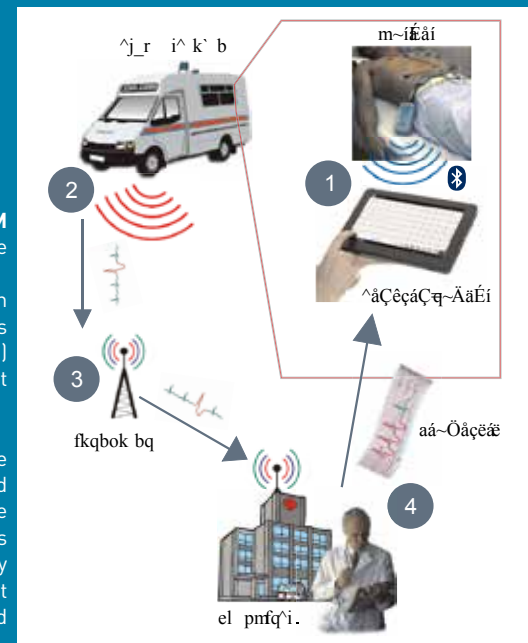
TELEMEDICINE

NETECG SYSTEM, EC-12RM AND CARDIOSPY® MOBILE FOR ANDROID

Our telemedicine solutions seamlessly integrate wireless local response with remote expertise. This is especially helpful in situations where a cardiology specialist is not present, as in rural areas, emergency response vehicles and most basic clinics.

Our **NETECG SYSTEM** consisting of **EC-12RM AND CARDIOSPY® MOBILE FOR ANDROID** is the ideal solutions.

- The **EC-12RM** is a compact ECG device, which can forward real-time, 12-channel ECG signals to any Android device (e.g.: tablet or smartphone) via Bluetooth connection making excellent quality ECG records available quickly anywhere.
- With **CARDIOSPY®**, records are easily uploaded to an emergency center where they are immediately evaluated by **CARDIOSPY®**'s cloud application. This application provides immediate feedback on the patient's condition and performs a preliminary analysis of the patient on their way to the hospital. This feature allows the patient to receive appropriate treatment faster and eliminates patient registration.



CYTOTECH INSTRUMENT LTD.

Cardiovascular monitoring units

Our products and services

Blood group serological laboratory automation

“A clever choice in blood-group serology”

Our value proposition

The ACT Robot offers the perfect transition into automatic processing. Our product is user-friendly, offering maximum flexibility and adaptability to client needs.

Cost-effective: No disposable parts needed, open system using any manufactured reagents.

Results: Sedimentation curves, pictures and video clips. The results are clearly presented and can be printed and sent to the database of any hospital laboratory system.

Who we are

Cytotech Instruments Ltd. was established in 1991 as a pioneer in automating the blood group serological spin tube technique. Its semi-automatic ACT-24 benchtop instrument has been in use for more than 20 years and its first fully automated blood grouping instrument was developed in 2006.

Cytotech's latest development is the fully automatic self-cleaning instrument, the ACT Robot, completed in 2013 and now ready for market launch.

Our work:

Our devices have been sold in many institutes since 2013 including:

- Military Hospital Medical Centre
- Nyíró Gyula Hospital - National Institute of Psychiatry and Addictions
- National Institute of Clinical Neurosciences

Cytotech is certified by the medical device quality standard ISO 13485 certified.



<http://cytotech.hu>

ACT ROBOT A FULLY AUTOMATED SPIN TUBE SYSTEM FOR BLOOD GROUP SEROLOGY

The ACT-Robot is the only fully-automated, self-cleaning automatic spin tube system that makes the evaluation of every blood-group serological reaction possible, using the "gold standard" tube technique.



This device is suitable for pre-transfusion and pregnancy tests including:

- Antibody screening
- Indirect Coombs test
- Enzyme test
- Polybrene test
- Antibody identification
- Crossmatch testing
- ABO forward and reverse blood group typing
- Rh blood group typing
- Direct Coombs test
- Phenotyping
- Titration



KEROX LTD.

Dental implants

Our products and services

Production and sales of:

- High-Quality Zirconia Blanks
- E4K Milling Machine
- E4K Colouring Liquid
- Pmma Premia
- Base Wax

*“The secret behind a confident smile.
The art and design of zirconia ceramics.”*

Who we are

Kerox Dental is a 30 year old, high-precision, ceramics manufacturer based in the EU, with a production facility in Hungary. We manufacture and sell over 60 million high-tech ceramic products each year, specializing in creating the highest quality dental zirconia on the market. Our products are backed by our dedicated R&D and engineering team of 34 experts in the field.

We provide superior customer service care, reliable on-time delivery and competitive prices.

Kerox has a unique pressing and sintering technology, with total quality management. We combine the use of the most advanced qualifying methods and automatic inspection machinery, as well as demanding multi-stage quality control procedures including 100% inspection of all parts. Our motto is “no technological compromise to quality”.

Our work

Kerox has customers in more than 30 countries worldwide, including those in Europe, North, South and Latin America, Asia, Australia and Africa. We are ISO (9001), CE and FDA certified and hold a variety of patents.

www.kerxdental.net



WHY ZIRCONIA?

IT'S A GOOD CHOICE IF YOU ARE LOOKING FOR A STRONG, LONG LASTING AND VISUALLY APPEALING CROWN.

Zirconium is becoming one of the most chosen materials for dental crowns. Milled from crystal, these crowns are both aesthetically pleasing and are guaranteed to be at least 5 times stronger than porcelain or metal fuse.



CAD/CAM

Our E4K Milling Machine is an easy-to-handle, low-maintenance and reliable system with high precision, 10 micron tolerance, even in tough circumstances. This system can be used 24/7.



E4K Colouring Liquid

E4K Colouring liquid is suitable for the colouring of milled zirconia crowns and bridges using a dipping technique, prior to sintering. It is a water-based colouring liquid that corresponds to the 16 basic colours, thus covering the entire chromatic spectrum of the classical VITA-shades.



E4K PMMA PREMIA

E4K PMMA Premia CAD/CAM discs are suitable for fabrication of temporary crowns and bridges and for verifying bridges on a plaster model or in-mouth before the final ZrO2 milling process.



E4K BASE WAX

The E4K Base wax discs are suitable for casting and verifying frameworks on a plaster model.



100 YEAR
LIFETIME WARRANTY

KEROX PROVIDES A 100 YEAR/ LIFETIME WARRANTY
STRENGTH, TRANSLUCENCY AND EASY MILLABILITY

ENVIRONMENT AND INFRASTRUCTURE



FLASHNET HUNGARY LTD.

Intelligent energy management solutions

Our products and services

Remote street lighting management systems with intelligent value added sensors and functionalities.

“Innovative and energy efficient city lighting management solutions with almost unlimited integrated smart city functionalities.”

Our value proposition

Our solutions work easily and effectively with existing lighting systems. No need to change lamp posts or fixtures, or do the costly construction often needed to build intelligent infrastructure.

- Adaptive light brightness is controlled independently: motion sensors at each pole allow for substantial energy saving and significant reduction in light pollution
- Our fully scalable solution allows for small, corporate installations as well as large, metropolitan projects
- The flexibility of our sensors [video, temperature, light, pollution] and modules [e.g. electric vehicle charger or Wi-Fi] allow for unlimited application
- Smart interfaces and analytical software tools allow for unlimited opportunities to partner with powerful applications in health, safety, other areas

Who we are

With 10 years of international experience, we are experts in small and large scale deployments of smart city technologies.

With offices in Hungary and Romania, our in-house research and development team is dedicated to integrating the newest applications and value added functionalities to our proprietary remote management solutions.

All solutions are certified to international standards.

Our work

Our solutions have supported municipalities and corporations across Central and Eastern Europe and the Middle East. Partner countries include: Saudi Arabia, Australia, Germany, Indonesia, Bahrain, United Arab Emirates, Czech Republic, Slovakia, Slovenia, Austria, Romania, Hungary, Poland and Russia.

Our company holds the following certifications and patents:

ISO 9001:2008 Quality Management System, ISO 14001:2004 Environmental Management System, ISO/IEC 27001:2013 Information Security Management System, CE, EN 50065-1 (2005), EN 50065-2-1(2003), EN 61547 (2010), EN 55015 (2007), EN61000-3-2 (2006), 60068-2-1 (2007), 60068-2-2(2007), ANSI/IEC 60529, LonMark OLC. CE mark per Directive 1999/5/ec; Directive 2006/95/ec: Low Voltage Electrical; Directive 2006/95/ec: Electromagnetic Compatibility; IEC 60950-1:2005, class II, double insulation

<http://flashnet.co.hu>



FLASHNET

MORE THAN 24% ENERGY SAVINGS REALISED IN THE HOLY CITY OF MAKKAH

With over 2 million residents and 4 million pilgrims each year, the Holy City and sites of Makkah, require a reliable and adaptive lighting system that is operational 24 hours a day.

Exactly 25,000 high-pressure sodium lamps were used to create almost natural lighting conditions in the city. After the installation of our Street Lighting Remote Solution, we configured the light intensity of the system according to real-time weather conditions. Use of our systems brought a 24% energy savings within one year to the Holy City of Makkah.



UNLIMITED OPPORTUNITIES IN SENSOR-DRIVEN SMART CITY SOLUTIONS

Our remotely-managed street light network continuously supplies power at lamp-pole level, providing power to almost any type of sensor, electrical vehicle charging dock or Wi-Fi network. It can even generate additional income from back-lit advertising panels.

Real smart city solutions integrate light, pollution, noise, temperature and traffic density sensors and CCTV cameras with intelligent remote management systems.

This allows for utilization of an unlimited number of applications from energy-saving processes to automated emergency service notification with real-time assessments.



AKUSZTIKA LTD.

Environmental pollution assessment and management

Our products and services

Pollution assessment (noise, vibration, air, light, climate) and implementation of solutions for cities, offices and industry.

“*Innovative pollution assessment and solutions to improve our quality of life.*”

Our value proposition

Using our unique accredited measurement approach, we are able to accurately measure and assess almost any source of pollution, be it noise, emissions, particles, vibration, light or hazardous materials. We capture and the impact of ambient pollution in cities, offices and industry.

Following accurate assessment, we offer innovative modelling solutions and applications to reduce pollution and mitigate damage to people in their cities, offices and homes.

Who we are

Established in 1996, we offer engineering expertise and solutions in all areas of environmental protection and workplace safety to an international client base.

Our measurement and sampling activities are accredited since 2006 by the National Accreditation Council MSZ EN ISO/IEC 17025:2005 standard and comply with the highest standards of the EU.

Our company is ISO accredited in quality and environmental management systems.

Our work

Our customer base is comprised of diverse leading companies and governments including the European Union, Audi, Coca Cola, Lego, Walt Disney, ExxonMobile, Glencore, Vodafone, Hitachi, Mercedes-Benz, Porr and the Saudi BinLadin Group.

<http://akusztikakft.hu>



EUROPEAN INNOVATION / IMPLEMENTATION OF NOISE REDUCTION IN OFFICES

Ambient noise can negatively impact working environments, decreasing workplace productivity and even leading to physical damage in humans. Supported by the European Union, the project applies our results in combating noise pollution in offices.



Our solutions include the use of innovative materials such as timber, films, foams, laminated textiles in offices buildings and decoration, improving overall acoustics and reducing noise pollution.

REDUCING TRAFFIC NOISE THROUGH THE INTELLIGENT TRAFFIC ENVIRONMENTAL SYSTEM (ITES)

The Intelligent Traffic Environmental System is a system that effectively reduces traffic pollution in busy cities.

ITES monitors air pollution levels and traffic density across different locations and provides stakeholders with continuous feedback.

Once traffic and associated pollution have been identified and measured, the data is used to create modelling solutions that mitigate traffic flow and pollution sources in the city.



HIDROFILT

WATER TREATMENT LTD.

Water treatment, thermal water and desalination solutions

Our products and services

- Water treatment plants and technologies
- Desalination plants and technologies
- Thermal water treatment
- Specialist water production (industry, nuclear, beverages)
- Potable water treatment technologies

“European leader in cutting-edge water treatment solutions.”

Our value proposition

We are a European leader in industrial and residential waste water, desalination and water network management combining the highest European quality certifications with competitive pricing.

Our expertise covers all areas of water treatment and management including treatment of polluted water (such as brome, arsenic), planning, building and operation of fresh water supply systems and plants as well as innovative, cost-efficient and mobile solutions for desalination.

We have unique expertise in the production of industrial water, creation of special cooling water for power plants and the use of thermal water in food, beverage, juices and other drink production.

Who we are

We have over 25 years of experience in water treatment technologies for industrial, agricultural and residential use.

With our in-house engineer training school, strong R&D department and engineering teams, we offer full-service change. From tailor-made engineering solutions to the operation of plants, proprietary technological solutions for irrigation and a pre-installed container solution for the easy deployment of complete water treatment plants, we have solutions to fit your need.

Our work

We are experts in all aspects of water management and have clients worldwide, including high-demand environments such as the Paks Nuclear Power Plant and the GE Components Factory in Zalaegerszeg in Hungary.

All our technologies are certified according to the highest European standards (ISO, OHSAS, MSZ EN, TÜV)

<http://www.hidrofilt.hu>



MOBILE WATER TREATMENT PLANTS

Container-based or mobile water treatment plants are ideal for emergencies or deployment in remote locations due to their ease of transport and deployment without external power needs.

Our mobile drinking water purification unit cleans and desalinates water for use in disaster areas (conforming with NATO standards), small municipalities, holiday resorts, oil rigs, desert camps and events.



ULTRA PURE QUALITY WATER GENERATION FOR INDUSTRIAL USE

Certain industries – pharmaceuticals, microelectronics and power stations, demand a special water quality. The microelectronics industry requires ion-free water with the highest theoretical purity called ultra-pure quality water (UPW).

We offer the most advanced zero-liquid-discharge technique combined with other technologies (media filtration, softening, ion exchange, de-carbonation, membrane separation and ultrafiltration) to provide the most reliable and cost-efficient solutions.



GIBORGA LTD.

SERVICE AND CONSULTING

Next generation wind energy

Our products and services

Wind energy power stations as stand-alone solutions for remote or mobile off-grid locations or on-grid environments.

“Next generation wind turbines as a source of independent electric power for small capacity users.”

Our value proposition

Wind turbines can generate electricity in nearly half the time of day-use solar cells and also operate at night producing a significant amount of electricity in a 24-hour cycle.

Our special wing profile, VertiGo SRG, exploits the potential of the wind torque powering an easy-starting, slow revolutionary generator, which can generate electricity even at a very low wind speed. Using this technique is twice as efficient as traditional wind turbines.

VertiGo SRG is a silent, cost-effective, high-capacity wind generator requiring no maintenance cycles and is capable of generating power starting from as little as .5 m/s wind speed.

Who we are

With more than 8 years of investment in the successful development of our small-sized wind turbines, the VertiGo SRG has recently been launched for global sales.

Our work

This new technology, creating in 2014, has been successfully tested by Hungarian gas stations and in Croatia.



www.infinitemind.hu/en/home

ONGRID WIND POWER GENERATORS

Wind power offers a power source independent of the time of day. Yet, existing solutions require large rotor installation unsuitable for urban deployment.

We offer a special wing profile, exploiting the potential of the wind torque. A wind turbine running for 8-12 hours daily at maximum power, can generate between 36,000-55,000 kWh electricity annually, which can be directly transferred into the electrical grid. Our on-grid solutions perform at a range between 3-50kW.



OFFGRID WIND POWER GENERATORS

Certain industries – pharmaceuticals, microelectronics and power stations, demand a special water quality. The microelectronics industry requires ion-free water with the highest theoretical purity called ultra-pure quality water (UPW).

We offer the most advanced zero-liquid-discharge technique combined with other technologies [media filtration, softening, ion exchange, decarbonation, membrane separation and ultrafiltration] to provide the most reliable and cost-efficient solutions.



GRANUFLEX

Next generation wind energy

Our products and services

Rubber waste recycling into building and construction material.

“Why not build sport field flooring and other innovative materials from waste tyres – well we do it with innovation and dedication.”

Our value proposition

Our company collects and recycles more than 10,000 tonnes of waste tyres yearly in our granulation plants, making a considerable contribution to environmental protection.

We use rubber granules to produce 28 diverse playground safety panels, special sports field and gym floor coverings, noise barrier panels and elastic rail bedding elements, each in a variety of colours.

With our capacity of up to 20 tons per day we are able to serve any demand within a short time. All products are TÜV and EU quality certified.

Who we are

Founded in 1993 with the goal of recycling tyres into valuable materials, Granuflex was the first in Europe to provide safe playground surfaces with shock absorbing tiles made of rubber granules.

Since that time, we have concentrated on manufacturing safety coverings and panels, playground and sports equipment, park and street furniture. With over 23 years of experience, we now offering a new line of products targeting noise and vibration pollution.

Our work

We are among the 6 largest granulate suppliers in Europe, with sales in almost every European country.



www.granuflex.hu/en

RAILWAY VIBRATION AND NOISE DAMPING PRODUCTS

How to create valuable products from rubber tyres?

From recycled rubber granulates made from tyres, we manufacture a range of special rubber tiles used for noise and vibration protection world wide. Our offering includes grooved rail profiles for trams and an elastic rail bedding system developed for surfaced or grasscovered concrete track structures.



SAFETY PANELS IN SPORTS ENVIRONMENTS

Re-purposing for a cause

One of the most important advantages of our multifunctional rubber sports panels, is the high degree of safety it brings to an environment. Its shock-resistance and gripping surface in combination with its flexibility, highly reduces the risk of accident and injury.



THERMOWATT LTD.

THERMOWATT LTD.

Our products and services

Heating and cooling from wastewater.

“Reduction in heating and cooling costs from wastewater heat utilization.”

Our value proposition

Our company entered the renewable energy sector with a new solution, unknown in the global market, which uses waste heat recovered from wastewater as a new source of energy generation.

Utilizing wastewater heat comes with several advantages:

- Due to its virtually constant temperature, wastewater heat offers much better energy efficiency than soil heat or groundwater.
- The system can be used both in heating and cooling modes and connects easily to the existing heating/cooling systems.
- Low operational costs even with urban city centre installation, is possible.
- Does not consume water unlike other heat exchange systems.
- No size limit in scale as the only limit is the volume of available wastewater streams.

Who we are

Our company was established in 2007 to implement, manage and operate systems based on its proprietary invention. The “Method and Circuit Agreement for Recovering Heat from Wastewaters” has been patented in Hungary and filed globally.

Our technology was first recognized with the Spanish Aqualia Award for Innovation in 2013 and has received the Abu Dhabi based Water & Energy Award in 2014. It has also received the Abu Dhabi based First Place Innovator in the Water for Real Estate Sector award in 2015.

Our work

Thermowatt serves clients in Europe, Latin America, the Middle East and Russia. In Hungary we have several reference projects including:

- Budapest Sewage Works
- Hungarian Armed Forces Medical Centre – Military Hospital
- MOM Cultural Centre heating and cooling system
- University of Szeged

We are currently have patents in Hungary, Russia and the Ukraine with patents pending in the EU, USA and China for our “Method and Circuit Arrangement for Recovering Heat from Wastewaters.”

<http://thermowatt-global.com>



HUNGARIAN MILITARY HOSPITAL HEATING SYSTEM

Outstanding performance

Before August 2014, the Hungarian Military Hospital in the city centre was using extensive natural gas resources for heating, because of an outdated and inefficient heating and cooling system.

Thermowatt was hired to design a wastewater heat recovery solution – adapting its invention to the special structural needs of the facility. We achieved 100% underground installation, kept the old system online as an operation and security measure and navigated around a collector 70m away in the middle of a road and in the middle of a tram line.



The outcome? Once the new Thermowatt system was operational, the hospital was able to save \$310,000 each year. This system has been operating with outstanding performance and efficiency in both heating and cooling since that time.

THE “GREENEST” HUNGARIAN UNIVERSITY

Re-purposing for a cause The University of Szeged hoped to become the “greenest Hungarian University.” They applied for and received a grant to build a wastewater-heat recovery system.

The University selected Thermowatt to implement the project. It had a unique challenge. In order to access enough wastewater to meet cooling and heating capacity, waste water had to be transported from the Alsótelepi pumping station over a 700m long pipeline, to the university. Thermowatt answered the call and was able to execute the project. The University of Szeged is now a contender for the “greenest Hungarian University!”



INWATECH

ENVIRONMENTAL LTD.

Wastewater treatment and biogas generation

Our products and services

Contracting and supply of industrial and communal wastewater treatment, raw water replacement, recovery of valuable by-products, recovery of raw materials for production and bio gas generation plants in three forms:

- Contiseq Advanced Wastewater Treatment
- H2O. Titanium® Water Disinfection Equipment
- Inwaferm Digestion Treatment System

**“Wastewater engineering and bio gas management -
Leading technologies for the future.”**

Our value proposition

We offer state-of-the-art solutions for water treatment and biogas generation. We offer both turn-key and customized design, we manufacture equipment and we operate plants for industries, municipalities and agriculture.

Our waste water treatment plants are highly efficient and low-cost, due to automatization, use of high tolerance biotechnologies and the need for only part-time staff in a full-time facility.

Our utilized photocatalytic (UV/TiO₂) h₂O.TITANIUM® reactor is a unique product in the international market, providing efficient and chemical-free disinfection of drinking water, bath water and the processing of waste water.

Our biogas plants are market-leaders, boasting European quality and offering a complete transformation from complex design to implementation.

Who we are

We have over 20 years of experience in waste water management and biogas generation for both communal and industrial use. Founded in 2001 by environmental technology professionals, our experienced team of engineers is dedicated to excellence in innovation and implementation. Our facilities comply with international and European quality standards.

Our work

We have planned and implemented more than 30 waste water treatment facilities and biogas facilities in Hungary and Romania for major clients like Heineken, Danone, Henkel, Hamburger Hungaria, MOL, Törley, Nestlé and Rauch.

Our certifications include EN ISO 9001:2008 quality management system (QMS), EN ISO 14001:2004 environmental management system (EMS) and EN ISO 18001: 2007 Occupational Health and Safety Management System (OHSMS).



<http://www.inwatech.com>

MUNICIPAL WASTEWATER ENGINEERING FOR A GROWING CITY

A surge in the population of Mosonmagyaróvár, Hungary, brought a need for intensification of wastewater treatment efforts. As the municipality looked for a high-end technology supplier to install a turn-key wastewater treatment plant, they turned to Inwatech.

We provided plant design, supply and assembly of the key technologies required [cyclic aeration, thickeners and dewatering units, mesophilic digesters, biogas treatment units] and successfully installed a plant with a nominal hydraulic capacity of 8,500 m³/day and a projected effluent quality [average/peak] of 77,778/98,333.



INDUSTRIAL WASTEWATER ENGINEERING IN WINE COUNTRY

A prominent wine maker was in need of a water treatment plant in close proximity to its factory. It was important to avoid odour and noise pollution that would put the factory in jeopardy.

With a very small piece of free area to build on, the wine maker turned to Inwatech to realize the full design and implementation of a quality wastewater plant. The new plant has a capacity of 21,000 PE and raw industrial effluents are treated by a multiple stage fluidized bed (MBBR) with biological excess sludge being separated by a highly efficient DAF (diffused air flotation) unit.



GANZ ENGINEERING AND ENERGY PRODUCTION MACHINERY LLC.

Hydro and power plants

Our products and services

Power plant equipment:

- Pumps
- Nuclear power plant equipment
- Water turbines
- Hydraulic brakes and gearboxes
- Soil remediation machinery
- Machining Capabilities
- Valves

“Innovation driven by tradition.”

Our value proposition

Ganz Engineering and Energy Production Machinery LLC. offers products and services in the field of Hydro machinery, nuclear power, the oil industry and soil remediation.

Who we are

Ganz EEPM is a medium sized company with a staff of 170 and an annual turnover of some EUR 20 million.

Hungarian Ganz Holding, which unites Hungarian production and service-providing companies owns 49% of the company. The Russian-majority owner is the Atomenergomash group containing 50 engineering and energy production machinery manufacturing companies. Ganz EEPM's main activity is engineering, energy production machinery manufacturing and the manufacturing of hydro-machinery, power plant, oil industry and environmental protection systems. We are in possession of the more than 150 year-old Hungarian energy production machinery manufacturing know-how the company has unique knowledge and experience in Hungary and Central Europe in the field of planning and manufacturing individual small-series products: small, medium-sized and large pumps, water turbines, power plant fuel handling machines.

Our work

We have Hungarian, Russian and Ukrainian Nuclear Power Plant certificates in addition to TUV and ISO certification including ISO 9001, ISO 14001, MSZ EN ISO 3834-2, KM 29/2013 for PAKS NPP, BS QHSAS 18001:2007.

<http://www.ganz-eem.com>



MINI HYDRO POWER PLANT

Ganz EEM, the Hungarian subsidiary of the “Atomenergomash” group developed a mini hydro power plant which is mounted in a standard container. The new product is designed to meet the electricity needs of remote areas without power grid. Our mini hydropower plant consists of Francis hydraulic turbine, generator and control system (EMS). The generator provides 400 V, 50 Hz three-phase electric current.

The main advantage of the mini hydro power plants is that all the necessary equipment is mounted in a standard container and the system is ready for work upon delivery and connection to electricity. The management and control of the power plant can be done via satellite.



Another promising innovative product, a turbine pump, can service reservoirs and water utilities. When filling the reservoir, the equipment operates as a pump, in a reverse mode turbine which can produce electricity.

HUGE PUMPS FOR BELARUSIAN NPP

Ganz EEPM 2015 will supply equipment for foreign projects of SC Rosatom. At present, the factory in Budapest is producing 8 powerful pumps type “BPC-1800.” During the production process in the laboratory of Ganz EEPM carried out tests of pump models to check conformity of pump parameters’ calculated data. These pumps with pre-rotation devices, have a power of 5.5 MW. This type of pump delivers 12 cubic meters of water per second to the circulation system of the Belarusian nuclear power plant.

Ganz EEM also produces 90 different pumps of second, third and fourth-grade security class. They are designed for pumping boric water. In 2015, Ganz EEM participated in the tender for the supply of stainless steel pumps for power units E3 and E4 Kudankulam NPP in India and takes part in the competition for the supply of pumping equipment for nuclear power plant Akkuyu (Turkey). Ganz also manufactures pumps for thermal power plants. The company shipped in April 2015 two pumps for Verkhnetagilskaya TPP. These pumps are designed for circulating hot water in the boiler sections of the TPP.



AQUA-TERRA LAB LTD.

Water quality assessment

Our products and services

- Water Quality Monitoring Systems
- Planning and engineering services for drinking water treatment, wastewater treatment plants and water purification units

“A new dimension in Microbiology Water Testing.”

Our value proposition

Aqua-Terra Lab Ltd offers its partners the most advanced technological solutions available on the market.
We invest in R&D projects in the field of monitoring as well as smart metering and smart devices - preparing for the needs of today, and the challenges of tomorrow.

Who we are

Aqua Terra Lab was established in 1996 and since 2010, the main vision is to innovate and offer their partners the most advanced technological solutions available in water monitoring. The owners and R&D employees of Aqua-Terra Lab Ltd. have significant references in the areas of water monitoring and device development and ICT.

Some of our references

- Water Quality Monitoring System on River Dráva (2001)
- Soil erosion monitoring, Lake Balaton (2003)
- Water-quality monitoring via robotic ship (2011)
- Turn-key online water quality monitoring stations at wastewater treatment plants (2011-2012)
- Online water quality monitoring, National Park of Aggtelek (2014)
- Online water quality monitoring on a fish-farm via buoy (2015)

www.aquaterra.hu



SIMPLE FIELD BUOY ANALYSER

Continually measure the quality of surface water with this inexpensive and simple buoy monitoring system.

Have buoy data sent via SMS to any phone number and sends an alarm message if the measured parameter surpasses threshold limits.

WLAN and/or GPRS communication are available.



WATER QUALITY CONTAINER STATION

Our measuring stations are able to make automatic on-line measurement of main water quality components 24 hours a day.

Equipment for each monitoring station are installed per customer demand: sensors, probes, on selective electrodes, analysers, flow meters, refrigerated samplers.



CONTROLSOFT LTD.

Electrical networks and process control systems

Our products and services

- High voltage systems design and implementation for public lighting, buildings and industry
- 0.4 kV and medium voltage electrical distributors
- Low voltage security, fire alarm, CO2, access control systems
- Electric drives, process control management systems
- Instrumentation and custom electronics manufacturing
- Supervisory Control and Data Acquisition system
- Technical information system
- Portal-based information system

“Experts in System Integration!”

Our value proposition

We help our customers achieve safe, reliable, cost-effective, optimized, environmental friendly operation of their plants, buildings and cities. Our solutions contribute to customized, efficient and cost-effective solutions. We offer good price-value ratio, while maintaining a high standard of quality and maintaining stable background support.

Who we are

Controlsoft was established in 1991. Our founders have 25 years of professional experience which has allowed us to provide premium quality services and solutions to our customers. Our dedicated R&D department delivers cutting edge solutions to optimize operational costs.

As a general electrical contracting company, we offer full-scale systems and solutions. We offer full range of services including design, manufacturing, installation, commissioning and maintenance.

Our work

We are a market leader in Hungary in the field of electrical and control engineering for the water industry and maintenance. We have international experience in Germany, China, Russia, Poland, Romania, Bulgaria. Our clients include Strabag, Colas, Veolia, Sade, Coca-Cola, Lego, Glencore, General Directorate of Water Management of Hungary, Budapest Wastewater Company, Foxconn China, Hungarian Oil Company and Daimler AG.

Our solutions are certified to international standards: ISO 9001, ISO 14001, OHSAS 18001

www.controlsoft.hu



INTEGRATED SUPERVISORY CONTROL AND DATA ACQUISITION SYSTEM

OF 500 TOWNS AND VILLAGES, CONTROLLING 2,500 SUBSTATIONS

The largest integrated water and wastewater control system in Hungary, provides clean and healthy water for almost million people each day.

Using our webSCADA technology, we designed and implemented a state-of-the-art SCADA system including more than 2,500 different substations.

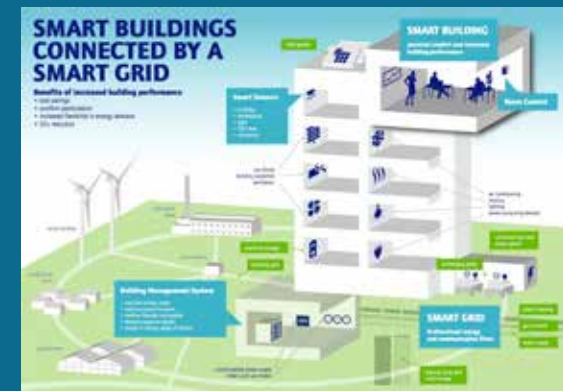
Our project benefits included significant savings in energy costs, chemical consumption costs, labour costs and maintenance costs. Our work also improved stability and safety and optimized operation.



SMART BUILDINGS

A Smart Building is an office building or commercial complex with enhanced environmental and economic performance. The building achieves this by producing, storing, efficiently managing, and optimally controlling energy. Energy waste can be eliminated by obtaining location information for individuals while ensuring building security, automatically controlling air conditioning and lighting, and visually representing energy usage

Controlsoft has the best cutting edge solutions to make industrial and commercial buildings more efficient.



PROLAN GROUP

Intelligent street lighting

Our products and services

With 25 years of experience in the automation and energy management fields, we have developed our intelligent street lighting management system, ECLIPSE Control. Our system features:

- A higher level of service
(immediate and exact failure detection, cost cutting by targeted maintenance)
- 30% lower energy consumption
(by adjusting the light to actual needs, fine-tuning dimming)
- Smart City features can be added (traffic, weather information, etc.)
- Lighting infrastructure can be split into dynamic groups

Prolan ECLIPSE works with any kind of luminaries that correspond to industry standards.

“Let's turn the network of streetlighting into an intelligent infrastructure!”

Our value proposition

Prolan offers intelligent street lighting control systems featuring LED lighting. Our systems can be customized to make a truly smart city, from traffic and weather sensors to alarm functions. This system provides easily accessible data via user-friendly application. The use of our systems lowers operational and energy costs.

Who we are

Prolan is a development and manufacturing company with 25 years of experience and 220 employees. Our automation systems are part of the key infrastructure at big companies like RWE, E.ON, EdF and railway companies MÁV and GYSEV.

Our excellence has been recognized through several awards including: Intelligent Company of the Year, 2015 and Top 20 Most Dynamically Growing Business, 2015.

Our work

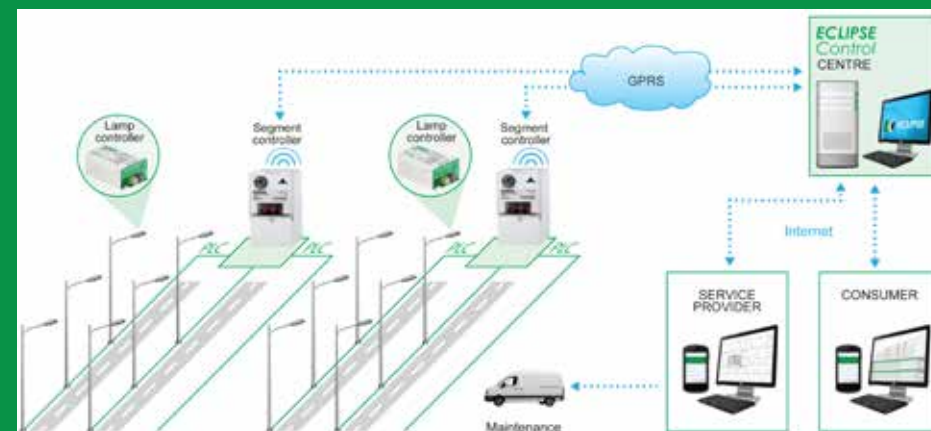
Cities of Gyor, Budapest, Kaposvár, etc.



www.prolan.hu

30% ENERGY SAVING

The city of Gyor is one of the largest cities in Hungary with bustling commerce and a rich cultural scene. Recently the city decided to upgrade their street lighting to LED technology complete with remote control and dimming capabilities.



With the installation of this new technology, Gyor has saved considerable energy: parking lot lighting at the arena may be dimmed while unused and has full lighting capacities during event time. Should there be a failure in the network, the maintenance company is immediately informed and the failure is reported.

