

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.

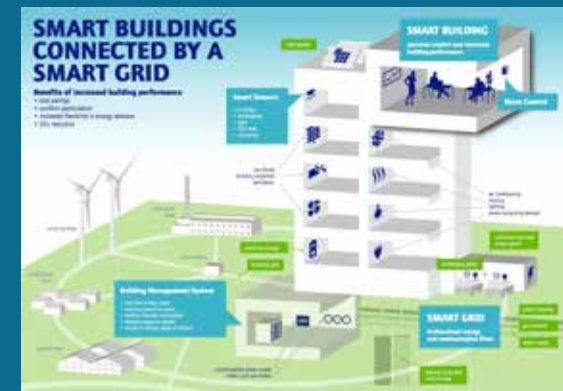
Our project benefits included significant savings in energy costs, chemical consumption costs, labour costs and maintenance costs. Our work also improved stability and safety and optimized operation.



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

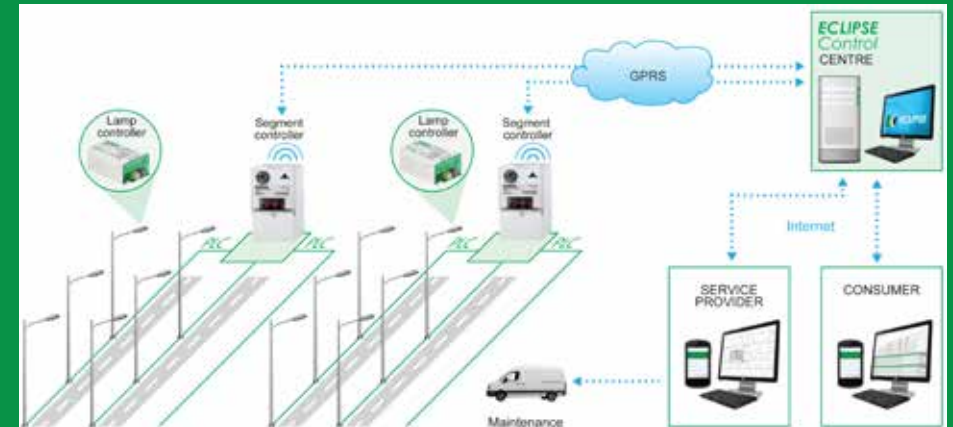
Cities of Gyor, Budapest, Kaposvár, etc.



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.

