LUMEL AUTOMATION SYSTEMS

Only **BENEFITS !**

For many years we have known that automation users appreciate a comprehensive offer.
Therefore, in addition to the supply of equipment, we offer design and implementation of automation systems, which:
- will be time and cost effective,
- will raise productivity,
- will improve work quality and safety.

Who ARE WE?

- A team of engineers (designers, constructors, developers, integrators)
- We have over 50 years of experience in project implementation in Poland and abroad.
- We have modern development laboratory facilities where we test our solutions.

How DO WE WORK?

We offer a comprehensive approach to the project, starting with a thorough analysis of the needs, providing custom made solutions for system implementation in facilities, throughout training and warranty and after-warranty service.

PROJECT ANALYSIS AND IDENTIFICATION OF THE CUSTOMER'S NEEDS	OFFER / SIGNING THE CONTRACT	ASSEMBLY IN THE FACILITY	PROJECT COMMISSIONING AND PERSONNEL TRAINING	SERVICE

WE CAN DO THIS FOR YOU:

- Design and implement a dedicated control system for industrial processes.
- Design and implement a control and transmission system in industrial environments.
- Create applications to visualize and control in SCADA programs.
- Design and manufacture power and control cabinets and laboratory work stations.

And everything:
- at competitive prices,
- based on certified and modern product and communication solutions,
- with guarantee of reliability and post-implementation service.

Problem	Solution	The effects and benefits of the implementation

Energy Monitoring Systems
- OUR SPECIALTY!

Because of the possibility of large savings and environmental protection, the systems which currently are the most popular ones are our systems for energy consumption monitoring and for the control of power supply network parameters. These systems can be easily extended with additional measuring points or other utilities. What is important, the license for the software to manage these utilities is indefinite and unlimited in terms of the number of parameters read out from the devices.

Facts and figures
LIGHTING MONITORING IN LUMEL S.A.

- **power bills are lower by 18%**
- monitoring of costs in many departments at the same time
- effective sector management of lighting
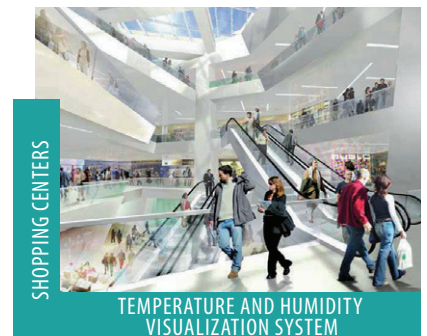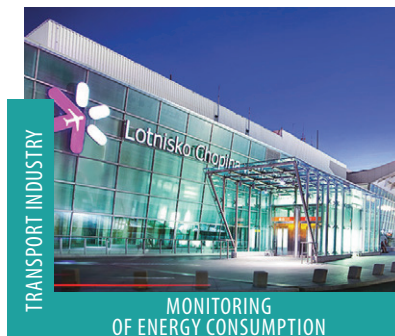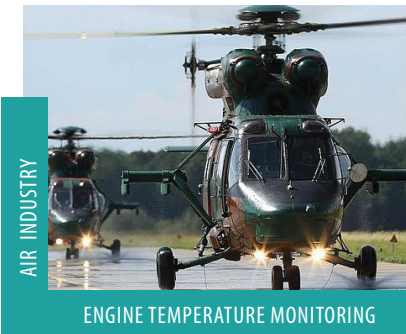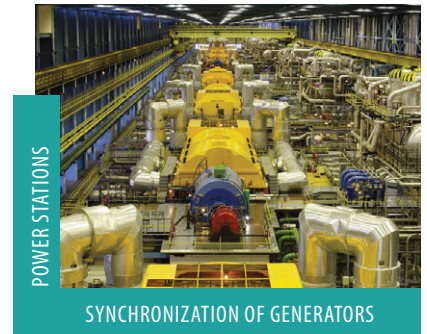- a thorough analysis of the most costly places

18%
of savings

COMPLEXITY
OUR RANGE OF DEVICES AND SOFTWARE

We have a comprehensive offer of hardware and software to implement monitoring and control systems:
- devices to measure object signals (sensors, current transformers, shunts, transducers)
- devices for measurement and control such as meters, analyzers, controllers
- devices to ensure adequate communication (converters, I/O modules, hubs)
- our own software of Scada type to visualize, archive and process control

APPLICATION EXAMPLES

FURNITURE INDUSTRY — TEMPERATURE AND HUMIDITY MONITORING

FOOD INDUSTRY — ENERGY MANAGEMENT

POWER STATIONS — SYNCHRONIZATION OF GENERATORS

AIR INDUSTRY — ENGINE TEMPERATURE MONITORING

TELECOMMUNICATION — MONITORING OF ENERGY CONSUMPTION IN GSM SYSTEMS

PUMPING STATION — ENERGY MONITORING

TRANSPORT INDUSTRY — CONTROL STATION OF BRAKE SYSTEMS

TRANSPORT INDUSTRY — MONITORING OF ENERGY CONSUMPTION

SHOPPING CENTERS — TEMPERATURE AND HUMIDITY VISUALIZATION SYSTEM

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