

Clients

Continental

arctic

Delphi
Technologies

ENEf

QUARTZ
MATRIX

BRIKSTON
KLINKER

Electrolux

URB

Autoliv

Cummins

preh

Tenaris Silcotub

Roca

Celestica

ipci Infopress™
Group

MEFIN

SOMPLAST

Industrial Energy Consumption Monitoring System

Energy efficiency authorizations

- | Energy auditor - ANRE authorized legal entity class II complex no. 83/2014 (2017)
- | 4 energy auditors authorized by ANRE
- | Energy engineers authorized as IIA, IIB or IIIB electricians
- | 59/2018 ANRE Authorized as a company providing industrial energy services
- | 2 Energy managers – ANRE 983/2019 and 749/2015 (2018)
- | Project Management Certification
- | ANRE authorization for designing and execution of outdoor/ indoor electrical installations for premises/ civil and industrial buildings, branching at rated voltages of 0.4 kV
- | Member of SIEAR – Romanian Electrical Installations and Automation Society from 2011

Certifications

- | Microsoft Certified Professional Developer – Enterprise Application Developer 3.5
- | Microsoft Certified Technology Specialist
- | Web Applications Development with Microsoft .NET Framework 4
- | Eaton
- | APC by Schneider Electric
- | Pramac

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1 Real time consumption

Monitor energy and utilities consumption on each production stage to be able to analyze and optimize consumption and eliminate waste.

2 Reports for in depth analyses

Reports and charts on quality parameters and consumption recorded in different periods of time.

3 Technological parameters always in sight

Retrieves any production parameter from smart machinery or from sensors mounted especially for this.

4 Costs per produced unit

Utilities consumption monitoring gives you a calculation base to determine production cost per each item.

5 Alerts and notifications

E-mail or SMS alerting on parameters exceeding the normality level and on excessive consumption.

6 Energy efficiency

Evaluate the equipment energy efficiency, the energy parameters evolution, operation time and malfunction.

Cost reduction

- Optimal selection of energy contract type
- Consumption abidance by budgeted values
- Precise consumption forecasting

Competitiveness increase

- Exact cost and energy intensity calculation by locations
- Streamlining use of energy and utilities resources

Consumption reduction

- Tracking specific consumption by location and area, local accountability and central monitoring
- Energy consumption reduction through measures resulted from analysis and reports
- Elimination of unnecessary consumption and strengthening of discipline of use
- Correct equilibration and correlation of consumed energy types

Commercial

- Energy intensity calculation by locations or areas
- Allocating costs on cost centers
- Precise operational costs calculation



Reliability increase and maintenance cost reduction

- Analysis of distribution and energy consumption quality
- Analysis of damage incidents
- Major machine faults prevention by monitoring consumption parameters and preventive maintenance

Technical

- Tracking consumption and distribution parameters, agent and distribution quality
- Elimination of internal distribution wastage and inefficient use
- Damage prevention and incident analysis

Management

- Optimal selection of energy suppliers
- Consumption forecasting
- Energy budgeting of cost centers and activities
- Selection base for consumption reduction energy technologies input areas
- Tool for evaluating the efficiency of reduction actions
- Tool for raising resource usage discipline and awareness of environmental efforts

REAL-TIME MONITORING OF



Electricity



Compressed air



Thermal energy



Natural gas



Water