

ODM

Customized monitoring system for your hardware solution



Whatever it is, you can monitor it!

By offering ODM services a CloudIndustries.eu goes into deeper cooperation with their clients and partners. CloudIndustries.eu offers customized monitoring systems for hardware solutions which gives a unique flexibility to adapt the monitoring system to a specific application.

ODM is an original design manufacturing services, when we take one step further and working not only as OEM, but we involve our industrial design team to adapt corporate design of the client into the dashboards of our system. The design team is recognized internationally and won award in IF event for the industrial design.

Your cloud solution for equipment monitoring

CloudIndustries.eu is a cloud-based platform where all data from your field equipment is securely transferred and stored in data servers. Depending on your project scale you can choose SaaS or standalone system.

SaaS is a perfect solution for SME's which are developing their equipment and would like to integrate monitoring system with their corporate style without big investments. For annual fee you will be able to use already established infrastructure with CloudIndustries.eu and our team will adapt dashboards according your requirements.

Standalone system is a powerful solution for a big scope projects, where company already managing hundreds or even thousands of field equipment. Our team will install all necessary equipment and software on your premises, that you could have your own private cloud system. This system is a solution when you would like to control all data by yourself and your organization is big enough to invest bigger amount of money into the infrastructure

Our solution will help you:

To accelerate time-to-market, easily and rapidly scale your equipment support services across the globe

To provide automated, real-time visibility and control over all of your devices and services

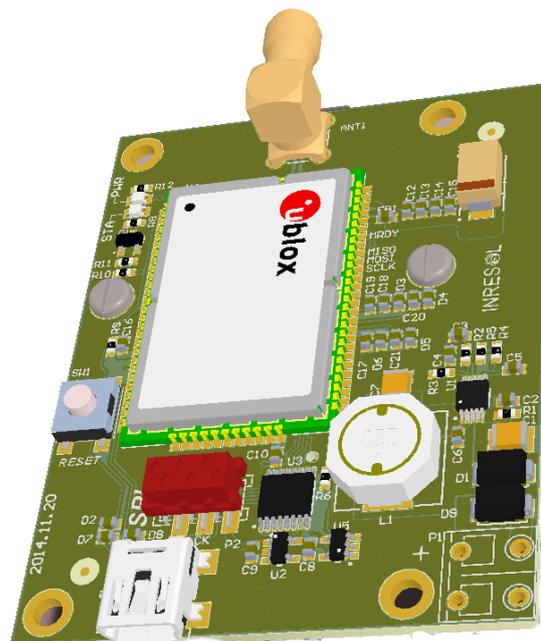
To ensure higher service reliability with real-time intelligence and monitoring of changing equipment conditions

Hardware

Our talented engineer developed gateways to collect all possible signals from equipment on site. The two devices called WCC 200 and SCG ensures that all signals from site safely reach data servers. If you already developed your own communication card or device, it's not a problem CloudIndustries.eu platform is fully compatible with **third party** gateways or embedded communication devices in your system.



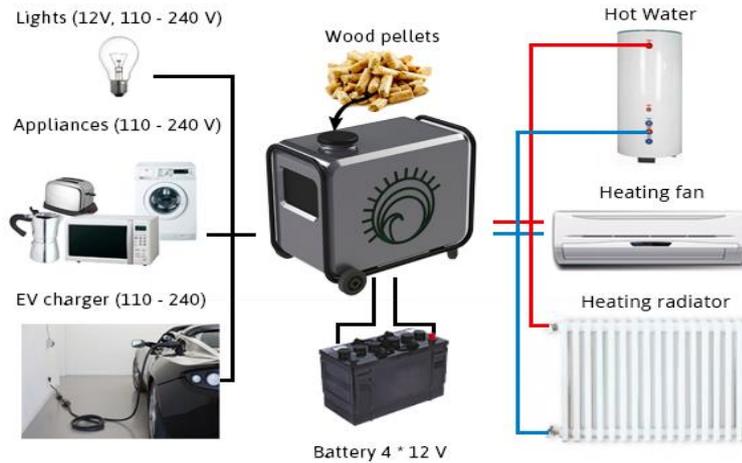
In case you would like to have embedded communication card in your products our team is ready to help you with development of such device. Our electronics engineers can design and produce the prototypes for you. As well as our engineers' team can come to your premises and be involved into the R&D activities of this product.





CPH GENERATORS MONITORING

Inresol a Swedish company developed a compact CPH generator based on stirling engine. Company developed products and decided to partner with CloudIndustries.eu in developing a SCADA like system for their operations and simple user interface for clients. CloudIndustries.eu developed a GSM communication module for the system and created a customized and fully branded monitoring system for the product.



Map to see active/inactive generators all over the world

Results

Inresol

Total GENIOUS installed:
2344 pcs

Accumulated energy:
2323798723 MWh

Average generation:
xx kWh

Total fuel consumed kg:
287800 kg

Average fuel consumption:
xx kg/h

Visualisation

Measurement list

Data log

Help

© Elseta 2015

Objects specific data

Regional performance overview

Status	Country	Production	Total generated, kWh	Total installed, pcs	Online, pcs	Fuel consumed, kg	Operational time, h
	Lithuania	79%	1182.3	202	200	2024.5	0.0
	Latvia	79%	4031.6	6259	6257	625559.7	47.1
	Estonia	92%	133.7	203	203	25403.6	0.0
	Italy	92%	1963.7	245	245	24569.5	17.3
	France	92%	119.0	189	188	1849.3	22.7
	Germany	92%	303.5	483	182	4813.4	0.0
	Spain	92%	82.3	153	145	1153.5	9.6
	Great Britain	92%	1501.6	535	525	28357.9	28.3
	Savanorių	79%	109.4	50	43	1793.9	0.0
Total:			Σ 7,498.47	Σ 7,498.47	Σ 7,498.47	̄x49.33	̄x49.33

Page 1 out of 1 Showing from 1 to 14 of total 14 values



Overview of the regions and total values.
Ensuring highest customer satisfaction with faults prevention and maintenance on time.

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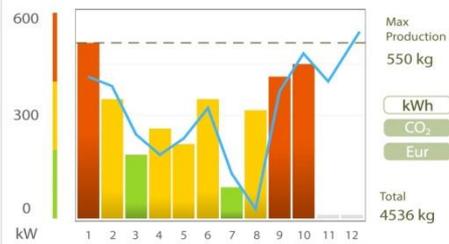
SCADA dashboard

Active Power, kW

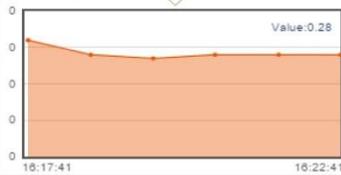


Fuel consumption , kg

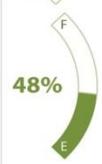
2015 Back



Active power kW



Fuel



Voltage

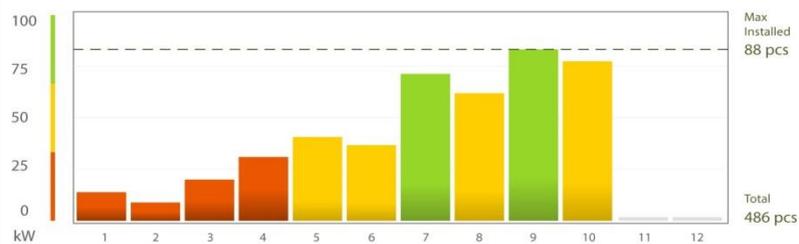


Temp.



Total units installed

From: 2015 January To: 2015 October



Detailed statistics about each generator. To consult and solve problems remotely with the customer.



Energy efficiency for industry

EICenergy is a Lithuanian company which is offering methodology, equipment and their knowledge to help their customers to control and optimize energy usage.

Company's main clients are factories and other industrial sites.

The solution of EICenergy consist of sensors, control and power equipment installed at the productions lines where various data is monitored for period of time and then competitive consultants provide insights about possible savings.

The **CloudIndustries.eu** had a task to create a gateway and a great user interface with dashboards to visualize all data which are taken each 10 seconds.



Lietuvių

CONTACTS COMPANY

ĮRENGINIŲ STEBĖSENA PRISIJUNGTI

Įšmanusis vartojimas - tai greičiausias, švaresnis ir pigiausias energijos taupymo būdas. Vartotojas gali realiuoju laiku stebėti ir kontroliuoti savo energijos suvartojimą bei sąskaitų dydį. Išmaniosios energijos matavimo technologijos ir energijos valdymo sistemos leidžia vartotojui savarankiškai priimti sprendimus dėl energijos naudojimo.

Username: Password:

NETWORK ANALYZERS ENERGY METERS FLOW METERS GAS METERS WATER METERS

REAL TIME MONITORING VISUALISATION SHARE INFORMATION

Login to the system through company's website.

Hi, energy.demo

Consumed in period:
Real energy
149512.64 kWh

Reactive energy
30020.81 kVarh

Measurement list

Data log

- Suminė galia
- Srovės
- Linijinės įtampos
- Fazinės įtampos
- Aktyvioji galia
- Reaktyvioji galia
- Energijos vartojimas
- Harmonikų disbalansas

Download data

Help

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Measurements	Markers
Select plant <input type="radio"/> All	Select measurements <input type="radio"/> All
Search...	Search...
<input checked="" type="checkbox"/> KG [VADAS 1 <input type="checkbox"/> KG [VADAS 2 <input type="checkbox"/> Marijampolės GMP stotis <input type="checkbox"/> Monitoringas2 <input type="checkbox"/> Plastiko presas <input type="checkbox"/> ROLStatga (Rezervas1) <input type="checkbox"/> ROLStatga (Rezervas2) <input type="checkbox"/> ROLStatga (Rezervas3) <input type="checkbox"/> Silutes baldai <input type="checkbox"/> ROLStatga (jvadas Nr.1) <input type="checkbox"/> ROLStatga (jvadas Nr.2)	<input type="checkbox"/> Reactive Power Phase B, kVar (PM800 meter - KG [VADAS 1) <input type="checkbox"/> Reactive Power Phase C, kVar (PM800 meter - KG [VADAS 1) <input checked="" type="checkbox"/> Apparent Power Phase A, kVA (PM800 meter - KG [VADAS 1) <input checked="" type="checkbox"/> Apparent Power Phase B, kVA (PM800 meter - KG [VADAS 1) <input checked="" type="checkbox"/> Apparent Power Phase C, kVA (PM800 meter - KG [VADAS 1) <input type="checkbox"/> THD/thd Voltage Phase A-N, % (PM800 meter - KG [VADAS 1) <input type="checkbox"/> THD/thd Voltage Phase B-N, % (PM800 meter - KG [VADAS 1) <input type="checkbox"/> THD/thd Voltage Phase C-N, % (PM800 meter - KG [VADAS 1) <input type="checkbox"/> THD/thd Voltage Phase A-B, % (PM800 meter - KG [VADAS 1) <input type="checkbox"/> THD/thd Voltage Phase B-C, % (PM800 meter - KG [VADAS 1) <input type="checkbox"/> THD/thd Voltage Phase C-A, % (PM800 meter - KG [VADAS 1) <input type="checkbox"/> Energy Real Total, kWh (PM800 meter - KG [VADAS 1) <input type="checkbox"/> Energy Reactive Total, kVarh (PM800 meter - KG [VADAS 1) <input type="checkbox"/> Energy Apparent, kVAh (PM800 meter - KG [VADAS 1)
<input checked="" type="checkbox"/> Apparent Power Phase A (PM800 meter - KG [VADAS 1) kVA	<input checked="" type="checkbox"/> Apparent Power Phase B (PM800 meter - KG [VADAS 1) kVA
<input checked="" type="checkbox"/> Apparent Power Phase C (PM800 meter - KG [VADAS 1) kVA	

Easy to compare all signals with preconfigured templates and comprehensive signal selection. Incredible amount of data is shown in the graphs up to 200 ms.



Cityvex – heat pump monitoring

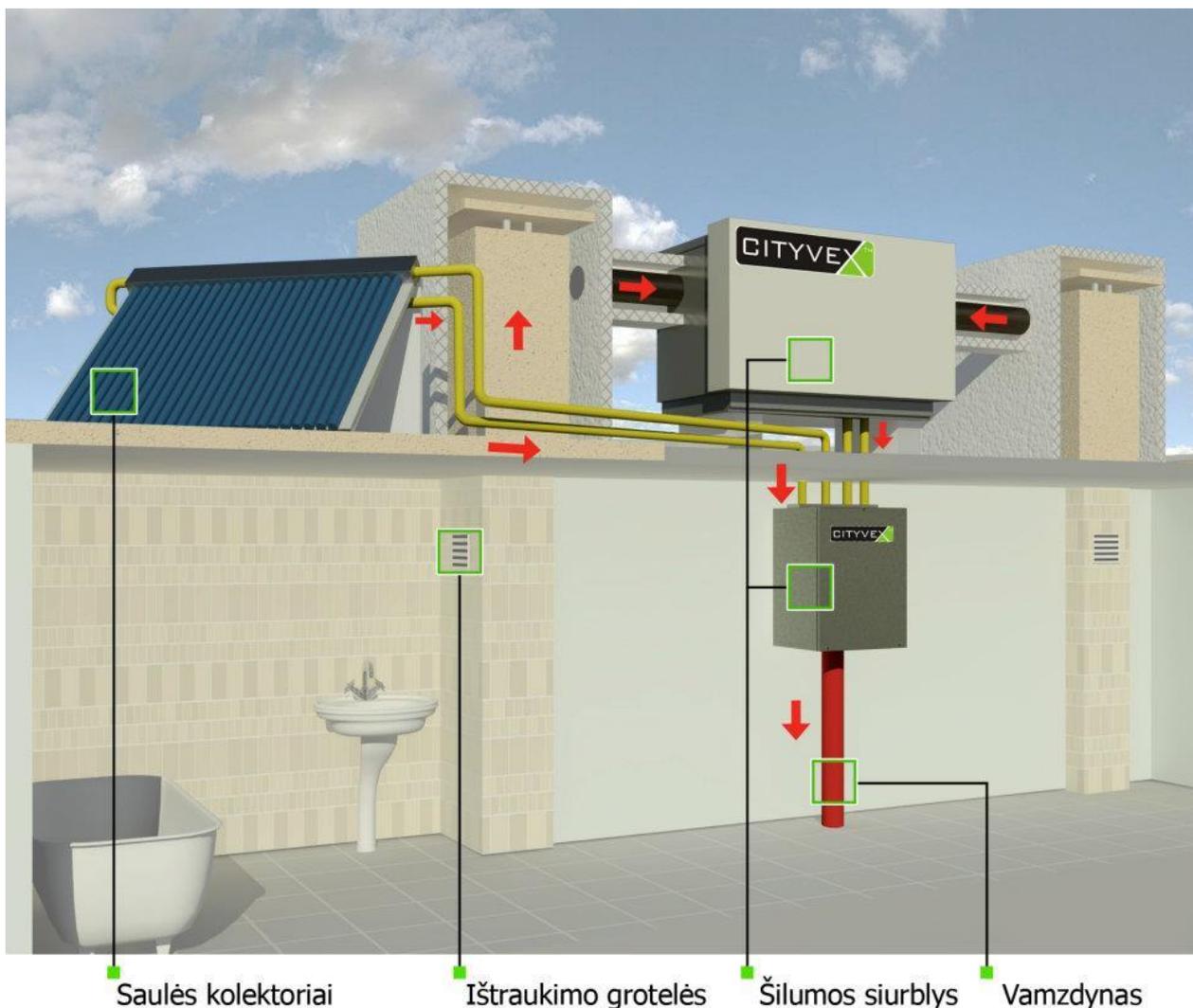
Cityvex is an innovative heat pump for old apartment buildings developed by company Enso Baltic.

This is an economical heating for multi-store apartment buildings. Cityvex uses warm air out from the ventilation shafts in the sanitary units and returns the heat energy to the building.

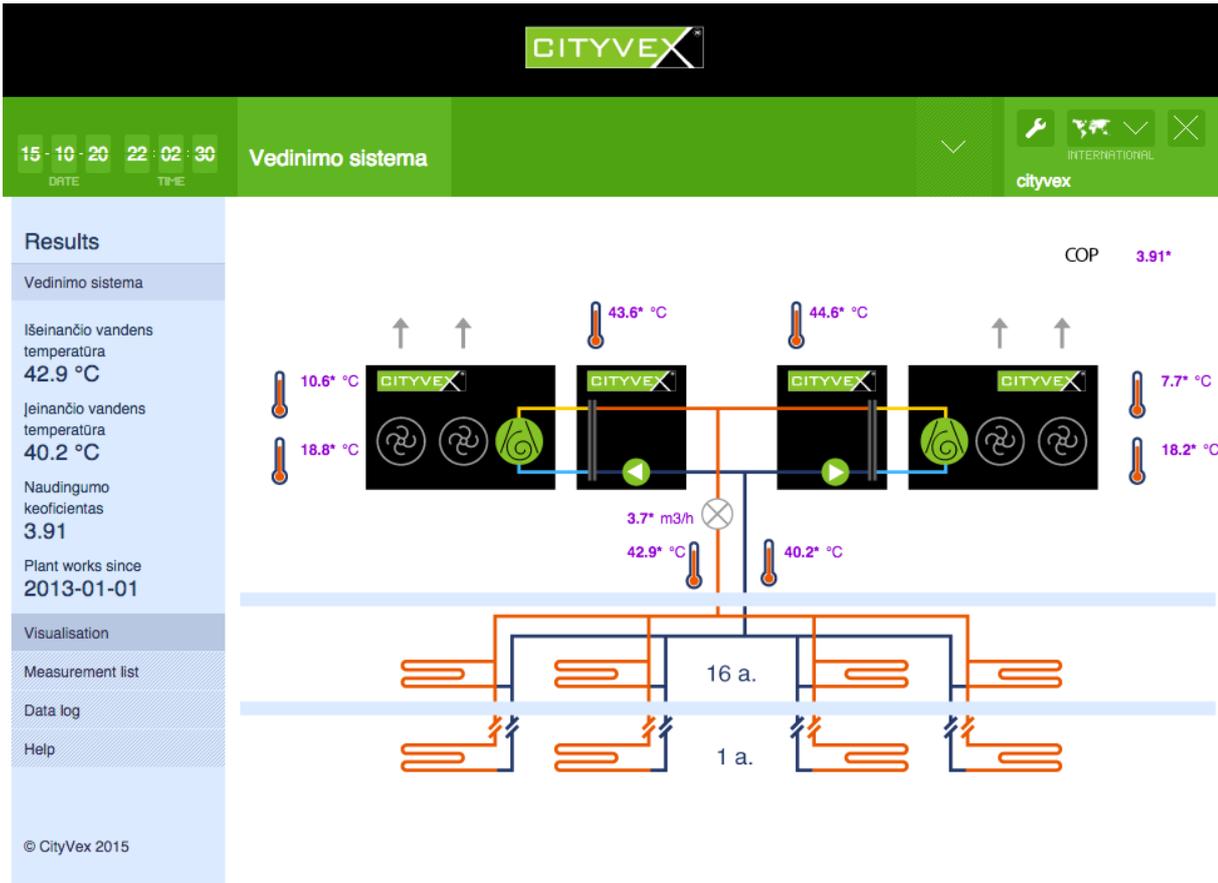
The heat can be used in two ways:

- for heating towel driers;
- for partial heating of water.

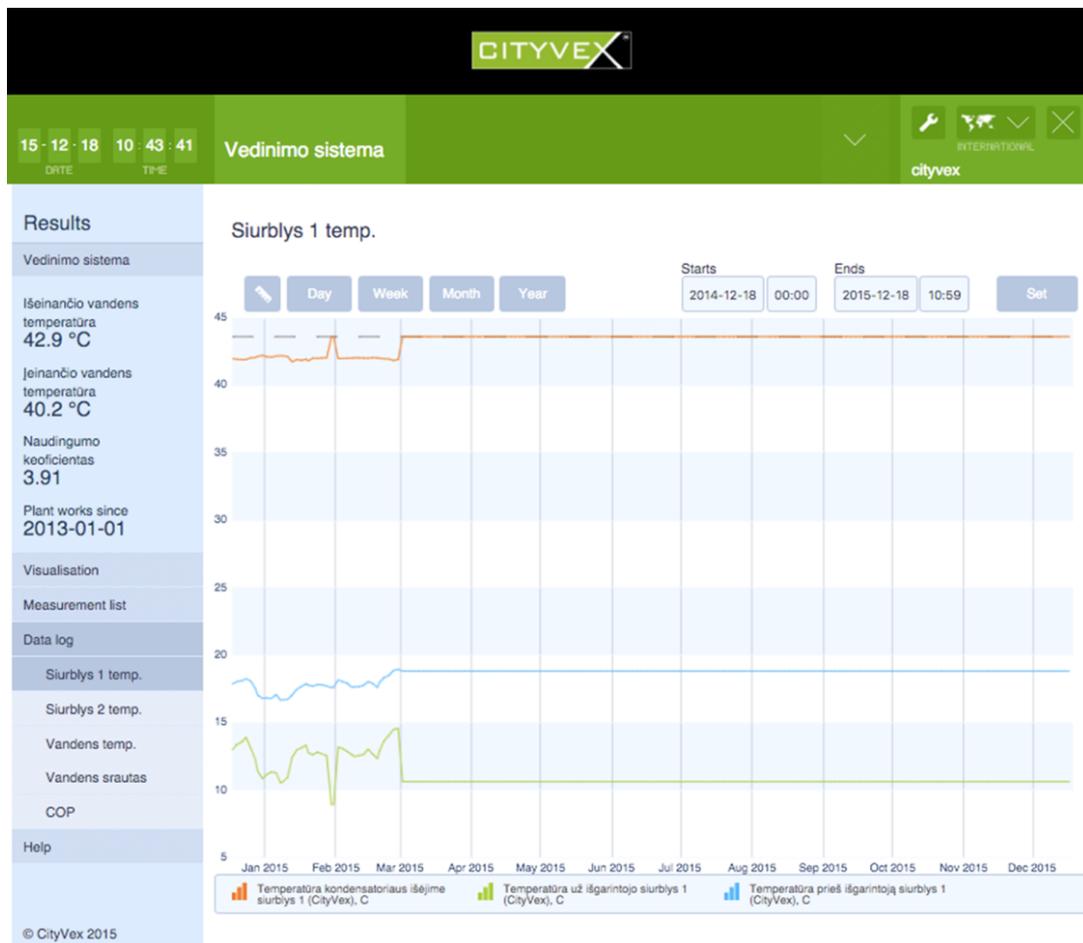
The **CloudIndustries.eu** task was to create communications models and a user interface with dashboards to visualize all data which are taken each 10 seconds.



Process visualisation with the real time data.



Graphs to show all measured signals



LET'S CREATE INNOVATIONS TOGETHER!



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