

Automated heating system in Sala production hall

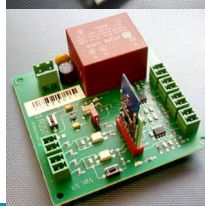
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only

2.5

years payback
period

over

54,000

cubic meters of
gas savings

over

90

sensors and
control units



The Idea

The main goal of Austyn International was to design and deliver an intelligent heating system of a production hall of company IN VEST (Sala, Slovakia) to significantly reduce gas consumption.

The calculated savings were guaranteed by Austyn International.



The Solution

The automated heating system contains

- 1) MAG ME (measuring board ready to be connected to sensors as temperature, humidity, gas detection etc.),
- 2) MAG CO (control board for devices as heaters, lights, pumps etc.),
- 3) Web application based GUI with scheduler, individual device control, and other smart functions.



The Results

Company IN Vest received the complete solution which has brought significant savings in heating and payback period of 2.5 years only.

Inside the innovated hall there is a better distribution of temperatures than before.

Modern and reliable cloud interface ensures comfortable remote control.



The IQRF Benefits

The multi-zone controlling allows to divide large spaces into the sub-networks and set various temperatures for every zone easily without the need of personal visit of every zone. Investment costs are also low due to the fact that thanks to the IQRF wireless technology no wires have to be installed.