

YÖRÜKOĞLU MILK



AND DAIRY PRODUCTS INDUSTRY AND TRADING INC.

KIO (Klemsan Internet Objects) Platform Case Studies





ABOUT YÖRÜKOĞLU MILK AND DAIRY PRODUCTS INDUSTRY AND TRADING INC.

Yörükoğlu has chosen KIO to increase energy efficiency both in its production facilities and in cold storage in its digital transformation journey!

Yörükoğlu ranks among Turkey's top 500 industrial giants for the last 8 years, offering a wide range of delicacies from ayran to yogurt, cheese to butter with more than 700 employees and advanced technology on a total area of 35,000 m² including 15,000 m² indoor and 20,000 m² closed premises. Started its industrial production in 1976, Yörükoğlu has now turned into one of the Mediterranean's largest milk and dairy product manufacturers.

The main purposes of implementing KIO platform in Yörükoğlu's both production premises and cold storage warehouses were to minimize energy consumption with instantaneous tracking and to make the compensation control in a more systematic way. Yörükoğlu was freed from the compensation penalties he had suffered in the past. In addition to that, they avoided bigger failures by detecting the smaller ones thanks to the alarm system. Besides, they managed to trace the temperature values instantly with the help of the sensors installed in the cold storage warehouses.

AIM OF THE PROJECT

- ▶ To adapt an automatic compensation control system instead of a manual one
- ▶ To follow the energy consumption values in real time so that they can take precautions in advance

Solution: KIO Standard Module, Sensor and I/O Module

Number of measurement points: 100



BENEFITS

- The process of noting the indices on the paper by visiting the electricity meters one by one is eliminated. Compensation tracking of the warehouses located in geographically dispersed areas was collected on a single platform. In addition, thanks to the mail and alarm warning system, interventions can be done quickly.
- For even more healthy storage conditions, ambient temperature information is also monitored via the KIO platform.



Visit our website for detailed info !

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