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Ardo

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Operator helped Ardo optimizing their processes for weighbridge management and registration of peas by an integrated scanner process when local farmers deliver the production of peas for weighing. The whole process shortens the number of touch points each truck driver needs to go through when delivering peas and decreases the risk of errors dramatically.

Prior to the project each truck driver had to weigh the truck load in at one place, unload the peas at a second place, deliver a sample of the delivery to a lab a third place and then weigh the truck out a fourth place to determine the weight of the delivery.

Furthermore data had to be manual entered into their Movex ERP system which meant additional manpower during the three months harvest period.

Traceability from field to freezer

With OpeAgro from Operator Systems the process was optimized involving an integrated use of scanners at each delivery point.



Now each truck driver:

- weighs in and get his card marking the origin field of the peas scanned in one place
- unloads and delivers a sample of the peas a second place where a second scanning is matching the truck number and sample. This process is only accepted after confirming the truck has been scanned as “weighed in”
- weighs out a third place where a third scanning determining the weight of the delivery is accepted only after confirming there’s a sample attached to this particular load of peas
- finally all data are automatically generating a purchase order directly in Movex ERP removing the process of manually entering purchasing order data

“This new process has not just optimized our internal process and added value to Ardo alone”, says Kenneth Davidsen, factory manager and supply chain responsible at Ardo in Denmark and continues:

“Now we have more accurate and secure data, reducing the risk of errors. This means we are able to give each farmer delivering peas to us a correct price based on the correct weight and quality. Thus also reducing the quarrels with the suppliers involving our supply chain department, finance department etc.”

To Kristian Bonde, IT manager at Ardo in Denmark it was important that the whole implementation was fast and smooth:

“The harvest period of peas is only around three months so it was important that Operator Systems understood the importance of the task and was able to implement, integrate and deliver the project in a few days – which they manage to do”.

“The combination of understanding our urgency and their vast knowledge with various scanner systems and weighbridge management was clearly the factor that made the project run smooth – and on time”.

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Kristian Bonde, IT manager at Ardo

ABOUT ARDO

Ardo, a family owned company, began its activities in the world of vegetables in the 1950s, growing and trading vegetables.

Over the following years, Ardo developed its production and sales of frozen vegetables throughout Europe; today Ardo has 14 production and packing units in 8 European countries. Each year the group grows, freezes and sells 600,000 tonnes of fruit, vegetables, pasta and rice to 54 countries, with a turnover of 600 mio euro.

Ardo’s goal is maximum customer satisfaction. For this reason, Ardo’s philosophy from the start has been to sell directly to the customer. In every country in which Ardo is active, there are sales offices run by our own commercial employees.

The Ardo product range offers a wide variety of frozen vegetables, vegetable mixes, vegetable preparations and fruit. Continuous innovation in developing products and production methods hand in hand with the customer ensures a fruitful association.

INSTALLATION

- Dynamic Integrator
- Label Management
- OEE
- OpeAgro



ABOUT OPERATOR SYSTEMS

Operator Systems is a leading provider of integrated standard solutions in the Manufacturing Execution Systems (MES) area for manufacturing companies with discrete processes.

Our application suite includes all necessary functionality to support your daily business to manage employees and machines. Operator is controlling the execution of the production – from raw material handling to quality controlled finished goods and support the whole information flow from communication with machines and PLCs to integration with the enterprise systems.

This gives you greater visibility in all parts of the production process, ensuring reduced costs and increased productivity.

Operator Systems was established as an independent company in 2004. The company is based in Herlev near Copenhagen, Denmark and representation in Poland.

Operator Systems has worked in the MES area for more than 10 years. Today we have close to 100 installations mainly in Scandinavia and the rest of Europe and more than 10,000 daily users of Operator as their main tool on the shop floor.

Implementations are mainly done using external partners. Operator Systems have today partner agreements with leading companies in both ERP area and Industrial Automation area.