



Domalait improves productivity with the implementation of a tailored traceability solution from Avery Dennison

To ensure food safety, Domalait, a French cheese manufacturer, recognises the importance of traceability throughout its production processes. Domalait collaborated with Avery Dennison on the implementation of a new solution at its production site which, in addition to providing an efficient traceability system, has enhanced its productivity.

A subsidiary of the Les Maîtres Laitiers du Cotention group, Domalait buys wholesale cheese then cuts and packages it into portions, mainly destined for the catering industry. Its production site, which is located in Savigny le Temple to the south east of Paris, employs approximately 40 people and packs an estimated 100 million products each year, generating a turnover of €11 million.

Improving its traceability system

To improve productivity and ensure the safety of its products, Domalait decided to review its traceability system. No links existed between the raw materials used and the production orders placed, which made the management of raw material stocks very complex. Moreover, despite adding batch numbers to the product packaging, a significant amount of data was lost during the traceability process as a result of unsuitable data management equipment.

“The use of the existing traceability system caused hours of lost

production as a result of downtime due to failures in the system. We needed a more efficient solution that could bring improvements to our production processes and could also enable us to comply with Food Law.”

Julien Lefranc, Maintenance Technician at Domalait

European Regulation No.178/2002, commonly called the “Food Law”, requires traceability and the recording of information throughout the agri-business production process. In addition to improved productivity, Domalait wanted to comply with this legislation, as well as meeting the requirements and expectations of its customers regarding the origin and quality of products.

Avery Dennison offers a tailored traceability solution

Domalait chose to collaborate with Avery Dennison on the development of a new, improved traceability system.

In Short:

Industry:

Industry: cutting and packaging of cheeses

Overview:

Domalait wanted to improve their traceability and to have a cleaner overview of production. And at the same time being compliant with its current and future customer's expectations.

Challenge:

Improving traceability so as to increase customer satisfaction.

Results:

- Increased productivity by 5% in less than 6 months
- Automatisation of quality control processes
- 100% statutory marking compliancy
- Reduced downtime production
- Decrease usage paper
- Real time data

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Following a needs assessment at the production site, Avery Dennison proposed a tailored implementation of Traceability Manager – a complete and modular solution based on software that includes ascending, internal and descending traceability as well as product labelling.

Several technical aspects of Traceability Manager convinced Domalait to choose the Avery Dennison solution:

- Customised management of traceability data at all stages of the production chain, to optimize deployments
- Possibility of aligning the operations of the factory with the HACCP (Hazard Analysis Critical Control Point) method, in order to meet quality control requirements
- Application of a 'Web Server' mode in the mobile terminals, which prevents program installation and downloading, making the application faster and more flexible
- Customisation of software scripts, enabling the creation of simple interfaces for each operator, allowing them to operate Traceability Manager quickly and easily on a daily basis.

The Traceability Manager solution was implemented in close collaboration between Domalait and Avery Dennison, as Julien Lefranc explains.

“The management of commercial data through an Oracle database is required by our parent group for harmonization between its different divisions, so it was essential that our production data was compatible with this system. Achieving compatibility was not easy, but thanks to the responsiveness of all those involved and the commitment of Avery Dennison, this problem was resolved effectively.”

Traceability Manager includes an ETL (Extract Transform Load) module which enables communications in real time and in both directions with information systems (such as ERP, MES, WMS etc) which have already

been implemented by customers. The changeover to the new traceability system also coincided with an increase in production activity at Domalait, which created an additional challenge because, in order to meet delivery schedules, a reduction in cheese production was unthinkable. Despite this, thanks to the experience and commitment of Avery Dennison, Domalait were able to benefit from a new and operational traceability solution in less than two months.

Traceability Manager improves Domalait productivity

Today, Domalait uses Traceability Manager to manage traceability throughout its factory. This enables them to directly monitor the entire output of its 11 production lines as well as its stock of raw materials. In addition, the quality control department compiles daily statistics of production orders to help improve manufacturing processes. Finally, the database created enables Domalait to maintain an accurate tracking history for each product, from goods inward to product dispatch.

“The reliability of Traceability Manager enables us to control each step of our production chain and improve our processes.” says Julien Lefranc. „This solution has solved our production downtime problems and enables us to be much more efficient than when we used the previous system. It also enables us to comply with industrial food production laws.“

„The Avery Dennison team has been highly responsive in adapting this solution to our specific needs,” concludes the Chief Executive of Domalait. „In addition to improving the processes in our factory, Traceability Manager ensures the quality of our products to customers. This solution is beneficial to our activity not only in terms of productivity, but for our business as a whole.“

To find out how Avery Dennison can improve your productivity through traceability solutions, visit <http://www.monarch.averydennison.com/emea/en-uk/>



Order preparation



Product labelling until pallet



Production site in Savigny le Temple

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