



Household goods manufacturer Altair Group turned to DELMIA Ortems to better anticipate demand for its products and coordinate its production and packaging requirements. **Advanced Planning and Scheduling** brings visibility to the supply chain and reduces changeover times on the packaging line.



## PRODUCTION SCHEDULING KEEPS HOUSEHOLD PRODUCTS ON SHELVES

From wood treatments and insecticides to soap and laundry powder, Altair Group has been producing essential products for the home since it was founded over 75 years ago. Today, through its eight household brands – **Starwax, Briochin, Oro, K.PRO, Sinto, Tenn, Mistol and Harris** – the France-based company has built up a strong reputation across Europe for its high-quality products as well as its industrial know-how.

The company's activities are split into two main areas:



Developing and manufacturing liquid, aerosol and mastic products



Product packaging and labeling

## CHALLENGE

Altair Group plans production runs based on its sales forecasts and must ensure it always has the right products and packaging in stock to keep up with customer demand and deliver wholesale orders on time.

Across each of its different brands, the group must keep track of sales and develop packaging and labeling which complies with industry regulations and caters to specific market requirements. This means that product packaging and labels are constantly updated, and any changes must be implemented quickly so as not to create bottlenecks in the value chain.

Constant tension between raw material supplies, production resources and packaging requirements requires accurate scheduling at finite capacity. Each of Altair Group's brands must be able to balance supply and demand and avoid running out of packaging or products.

Committed to a more responsible future, Altair Group is also constantly working to optimize its processes to better manage its resources. As part of its sustainability vision, the company is focused on reducing packaging and optimizing water and energy consumption across its production processes. It is also working to be part of the circular economy and is taking steps to accelerate its energy transition, recover its production waste and promote the use of natural ingredients while protecting its workers and improving their quality of life at work.



## BENEFITS

For Sylvain Berdin, ERP project manager at Altair Group, the biggest benefit of DELMIA Ortems so far has been the ability to plan ahead, so that all packaging and production requirements are considered early on.



“The greatest value of DELMIA Ortems is to help us optimize our production processes and make best use of our resources as we have a clear view of upcoming manufacturing orders.”

— Sylvain Berdin,  
ERP project manager, Altair Group



## SOLUTION

Altair Group worked with its technology partner **Visiativ** to implement **DELMIA Ortems** for handling all production planning and scheduling. **Visiativ** integrated the DELMIA Ortems Master Production Scheduling with the company's Enterprise Resource Planning (ERP) system and provided ongoing support to ensure the technology met its needs.

Working together, Altair Group achieved its objective to guarantee a service rate of over 99% by synchronizing planning and packaging. The project also made it possible to optimize changeover times on the packaging lines, while taking into account the availability of raw materials, lead times and storage constraints.

This agile way of working helps to reduce changeover times on the packaging lines, which can interrupt production and extend product lead times. Through accurate planning and forecasting, Altair can take steps to keep modifications on the line to a minimum, especially for components that take longer to change.

“Changeover times fluctuate a lot depending on the types of products, packaging and labels we're dealing with,” Berdin said. “A changeover time can range from 45 minutes to one hour. If we change the product, it can take four hours to rinse the tank, so it's important for us to optimize our production plans. Thanks to DELMIA Ortems, we have achieved this by launching rationalized production plans and linking our work orders to the prepared matrix upstream.”

Automated planning capabilities also help Altair's planners work smarter. The schedulers work on a six-week planning basis: the first week is set so they can focus on finite capacity scheduling in week two, leaving four weeks to define upcoming work orders and fill the production schedule. Throughout, they have full visibility of stock levels to ensure all planning, scheduling and production is on track to fulfill every order.

### Focus on Altair Group

Present in 45 countries, the Altair Group continues its international development through subsidiaries in Poland, Belgium and Spain. With strategic partners in Spain, Portugal, Switzerland, Italy, Romania through export to Europe, Africa, Middle East and Asia.

- More than 75 years of existence
- 8 brands
- 450 collaborators
- 4 production sites
- 3250 references
- 45 countries

### For more information

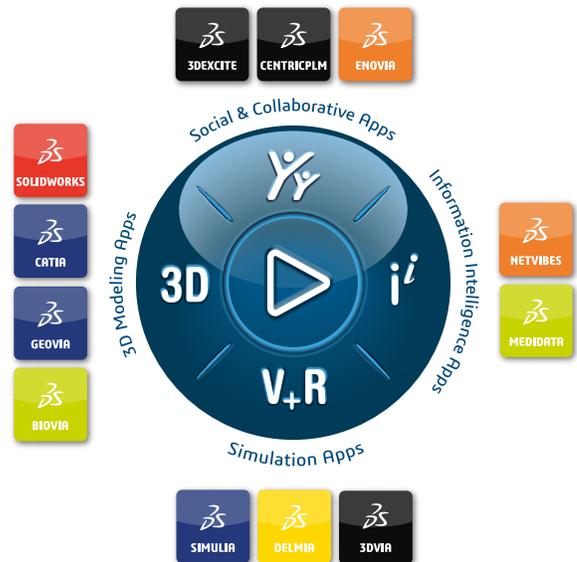
<https://groupe-altair.com/notre-groupe/>



### Our 3DEXPERIENCE® Platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating 'virtual experience twins' of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production.

Dassault Systèmes' 20,000 employees are bringing value to more than 270,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).



©2023 Dassault Systèmes. All rights reserved. 3DEXPERIENCE, the Compass icon, the 3DS logo, CATIA, BIOVIA, SOLIDWORKS, 3DVIA, ENOVIA, NETVIBES, MEDIDATA, CENTRICPLM, SIMULIA, DELMIA, and IPWE are commercial trademarks or registered trademarks of Dassault Systèmes, a French "société européenne" (Versailles Commercial Register # B 322 306 440), or its subsidiaries in the United States and/or other countries. All other trademarks are owned by their respective owners. Use of any Dassault Systèmes or its subsidiaries trademarks is subject to their express written approval.