

3 ways consumer products manufacturers can increase productivity and agility



From supply chain disruptions to evolving regulations and volatile markets, consumer products companies must continually adapt to changing conditions. Now, with the right smart manufacturing strategy, consumer products companies can increase their productivity and agility to ensure a profitable and responsible future while meeting consumer demand.

1 Connect and compare plants to implement and scale best practices

Connect all manufacturing assets, systems, and workers into standardized solutions to increase visibility across distributed plants and scale best practices while laying the groundwork for AI and machine learning tools.

Ilovo Sugar¹, Africa's largest sugar group, connected 49 packing machines from five sites into one real-time reporting system to track performance. Thanks to these new insights, the company improved performance by 50%, availability by 25%, and OEE by 30% in just three months.



2 Optimize operations with AI-generated insights and recommendations

Unplanned downtime, quality losses, and waste threaten profitability. With predictive analysis and prescriptive recommendations, workers can take corrective action and minimize the impact of potential issues while improving profitability.

To find ideal operating conditions for its bologna product, **Maple Leaf Foods**², a Canadian meat and food producer, used a combination of industrial AI and advanced models to focus on eight specific use cases, resulting in reduced waste, improved yield, and a gross profit increase of 10-12%.

3 Improve value chain visibility and collaboration to enable business agility

The consumer products industry is volatile, but end-to-end, real-time visibility into the plant network will increase agility and resilience, improve collaboration, and improve value chain visibility and transparency.

Henkel³ deployed a digital backbone to give its workers access to new insights using digital analytics, saving upwards of €37 million since project inception and improving OEE by 15% in just two years.



Citations:

1. aveva.com/content/dam/aveva/documents/perspectives/success-stories/SuccessStory_AVEVA_IlovoSugar_24-01.pdf
2. aveva.com/en/perspectives/success-stories/mapleleaffoods
3. aveva.com/en/perspectives/success-stories/henkel