



CASE STUDY

Anpario's progression through process control

Anpario developed from an entirely manual production process to an automated process to enhance their efficiency and become more sustainable. Since the change, Anpario's production efficiency has improved to the point where they can produce everything within one shift with capacity to spare. One operator can manage two mixers thanks to Promtek process control.



ABOUT ANPARIO PLC



History

Three animal nutrition companies were acquired to form Anpario PLC



Services

Eubiotics
Feed quality
Feed security
Natural feed additives



Industry

Agriculture
Animal health
Manufacturing
Animal nutrition



ANPARIO

Moving forward to become more sustainable

Anpario PLC is an international producer and distributor of high performance natural feed additives for animal health, hygiene and nutrition. It was formed through the acquisition of three well respected international brands.

Subsequently, they consolidated into one UK site, increasing production volume significantly. This, combined with the increased overhead of documentation required to comply with all the legal aspects of production, as well as internal pressure to modernise the production process, gave Anpario the business case to improve their process control.

CHANGE FOR THE FUTURE

Challenging Promtek to provide solutions

Increasing production line automation

Following the acquisition, only one of Anpario's multiple production lines was automated. Anpario wanted to future proof their facility with a flexible process control system that could expand and add new lines when needed.

Process control system integrations

Anpario anticipated that the lifecycle of ERP and formulation programs would be difficult. During this transition it was vital that the process control system would integrate seamlessly without any lost orders or traceability records.

Tracking and tracing products

Traceability became an important issue for Anpario. Multiple production lines meant their processes had to be thorough. This meant thinking about how to eliminate areas where raw materials could disappear during production.

Managing health and safety

Ensuring all employees were properly trained in health and safety was very important to Anpario. Having a record of what, when, and where safety warnings for products were issued, was an essential part of their quality control management.



PROMTEK

Improving Anpario's manufacturing process



Target versus actual

Promtek sends the actual mixing values to the ERP system. The stock values are updated live showing the real availability. No production losses have to be written off after a stocktake.



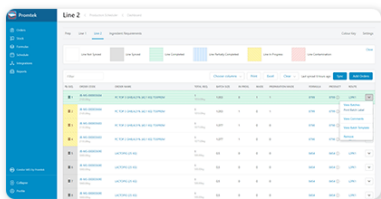
Pictures speak a thousand words

Customised control screen visuals made initial acceptance and training easier for operators. The screen graphics were designed to imitate the real equipment in the factory.



Barcode creation

Promtek automatically creates barcodes from the ERP attached to a raw material pallet. Barcode recognition makes it possible to track and trace lot codes and bin numbers throughout.



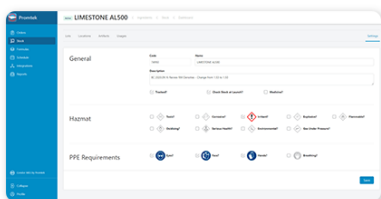
Product categorisation

Categorisation improves finished product safety. Promtek allows products to be categorised according to mixing sequence and will schedule production to prevent cross contamination.



Additional time saving benefits

Bag additions converted to bulk auto dosing by the control system saves time. Operators can now run two mixers instead of one. Employees can spend more time on higher value tasks.



Health and Safety

Promtek stores all safety information for ingredients. When adding a specific ingredient a warning may be shown. The system produces a record of safety warnings for the user.



WHY ANPARIO CHOSE PROMTEK



Experience

Excellent reputation



Implementation

Lack of disruption



Convenience

Helpful site visits



Trust

Understand needs



Integration

Seamless ERP links



Futureproofing

Evolving systems

WHAT THE FUTURE HOLDS

The masterplan for Anpario and Promtek

Immediate future

At the moment Anpario and Promtek are working together to add a bottling plant to the current manufacturing facility. This plant will be fully integrated with the ERP and formulation systems through the process control system.

Three year plan

With production stock under control and all records electronic, Anpario plans to incorporate Promtek's solution into the warehouse to enforce first in first out stock consumption and provide greater production planning flexibility.



**"If it's repetitive it's not rewarding.
If it's repetitive it can be automated."**

Shane Bailey

Operations Director Anpario PLC