

SUCCESS STORY

APOLLO Foreign Matter Inspection

Nestlé eliminates food safety issue and cuts customer complaints

Nestlé installed a number of APOLLO Foreign Matter Detection Systems to address a food safety issue and simultaneously reduce costs.



CLIENT REQUIREMENTS

Nestlé manufactures a vast range of food products and have an enviable reputation for quality. Nestlé became aware of a food safety issue at one of their production plants caused by foreign matter entering the production stream. Nestlé wanted to eliminate this issue (which was resulting in occasional customer complaints).

CHALLENGES

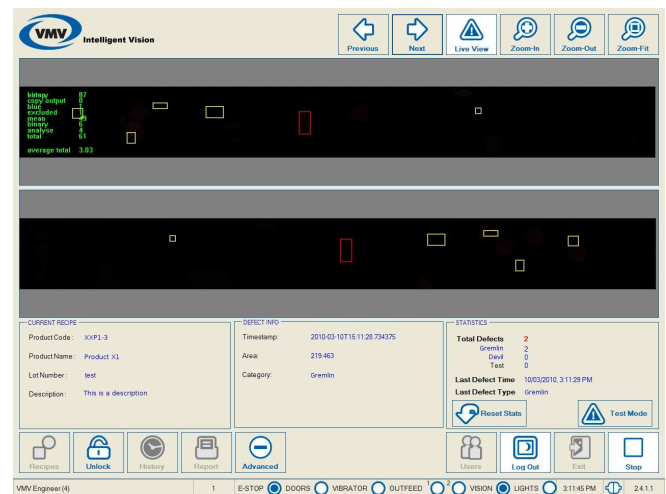
The main challenge in this project was discriminating foreign material from a fast flowing product stream. The apparent similarity in both colour and shape of the foreign material required the development of a unique solution by our team of engineers. The resulting system delivers superb accuracy and reliability with the flexibility required to handle a diverse range of products.

SOLUTION

VMV's Apollo Foreign Matter Detection System was installed, and customized to meet the specific requirements of Nestlé.

The Apollo system provides 100% online inspection for the detection of foreign objects and defective items in the product stream.

The system displays images of detected objects live on the viewing panel. The user can see up to date statistics on the numbers and categories of defects found, and view the images of past defects at any time.



BENEFITS

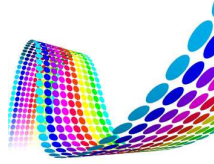
Nestlé realized a number of benefits including:

- Reduced customer complaints
- Improved reactivity and traceability of upstream processes (by identifying issues on-line).
- Improved product quality
- Significant cost savings due to the elimination of manual inspection.

VMV - COMPANY PROFILE

Web Inspection

(paper, metals, non-wovens, glass fiber mat)



Print Inspection

(fine print, newsprint, coated and uncoated)



Colour Sorters

High speed colour sorters for the food industry



Retortable plastic and aluminium packaging

(ready meals, baby food, Pet foods, pates, sauces, soups, fruits ...)



Retortable Pouches

(sauces, soups, fruits, ...)



Closures

(Plastic caps and closures)



At VMV, we believe in **thinking differently**. We believe in focusing on the simplicity, precision and ease of use of everything that we do. We combine **simplicity of form with complexity of function**. This approach has enabled us to successfully develop a range of high technology products that are incredibly reliable and yet simple to use.

Since our inception, VMV has set out to apply our core philosophy to the area of our technical expertise - the design of optical inspection systems. The end result is that we have become a leading developer and manufacturer of inspection systems that are successfully used around the globe in the printing, food and packaging industries.

With a high level of technical expertise, the ability to work closely with our clients, and a focus on support, we offer solutions that provide **consistent performance** and **objective standards**.

Our professional staff includes highly skilled and experienced software, electrical, and mechanical engineers, technical staff, and in-house design / drafting. We also have in-house manufacturing and prototyping facilities which allow us to rapidly develop unique solutions to complex problems.

Contact us to find out how we can help you.

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