



Case Study

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Automatic Labelling, vision inspection and batch/date coding of various paint cans at speeds of up to 40ppm.

Here is a summary of a recent project completed for a large Irish paint manufacturer who required a complete solution for the labelling and inspection of a variety of paint cans in different sizes.

- A lid sensor detects the presence of a lid on the filled product before it enters the labelling system.
- If no lid is present an alarm will sound and stop the system, prompting operator intervention.
- A set of gapping belts separates the products at the infeed of the system before a 3 roller wrap system rotates the product for labelling using the Altech Alline label applicator. A black mark location sensor detects the identification mark on the product to apply the label to the correct location on the product.
- An AIS VB-6 controller scans the barcode on the label. This verifies that the label has been applied to the product and it also verifies that the correct label has been applied to the correct product. Production run statistics can be stored on the VB-6 and made available for collection by the company's warehouse management software (WMS).
- On the outfeed of the labelling system an integrated Leibinger Inkjet printer marks batch information onto the lids of the products. If there is an error on the printer the labelling system will stop and alert the operator.



About AIS

We supply complete solutions for Automatic Labelling, Machine Vision, Barcode Scanning, Barcode Verification, Label Printing and Ink-jet Coding to a number of industries including life sciences, food and beverage, manufacturing and logistics, throughout Ireland and abroad. Established in 1998, we are a 100% Irish owned company with divisions in Spain and the Netherlands.