Case Study

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Quality Control of 2D-Data Matrix barcode

SP Veterinaria, a company dedicated to producing, developing and selling a wide range of products for the veterinary industry, required a solution to verify the quality and content of their labels which included 2D data matrix barcodes, across 4 production lines.

The Challenge

Once the engineering and technical departments in AIS Vision had analysed the specific requirements of this project, the best solution was developed and proposed. The focus was 100% label accuracy and ensuring the data matrix barcodes were readable.

The Solution

To read and verify the data matrix barcodes, a Datalogic Smart Camera (P-Series) was installed, which was easily integrated into every line without inconveniencing the customer.

The wide range of functionalities and the advanced technologies of this compact vision system, allowed a number of benefits and reduced external hardware needs. This was linked to the IMPACT+OCR programme, a very versatile, fast and intuitive system, which was the key to success in this particular project.

For ease of access, a panel PC with a touch screen was installed to monitor all the results, produce statistics and generate new templates which make the management and control of all tasks convenient for all users.

Thanks to all this, SP Veterinaria is now capable of monitoring 100% of their production and checking all their labels marked with data matrix barcodes, completely solving their initial requirement.

Once again, the machine vision experts at AIS Vision Systems was the best partner to guarantee the highest quality control for the most demanding of industries.