

Smart VS



SUCCESS CASES

July, 2020



DATALOGIC
EMPOWER YOUR VISION

Copyright Datalogic 2020 – Confidential Proprietary Information

Label presence control

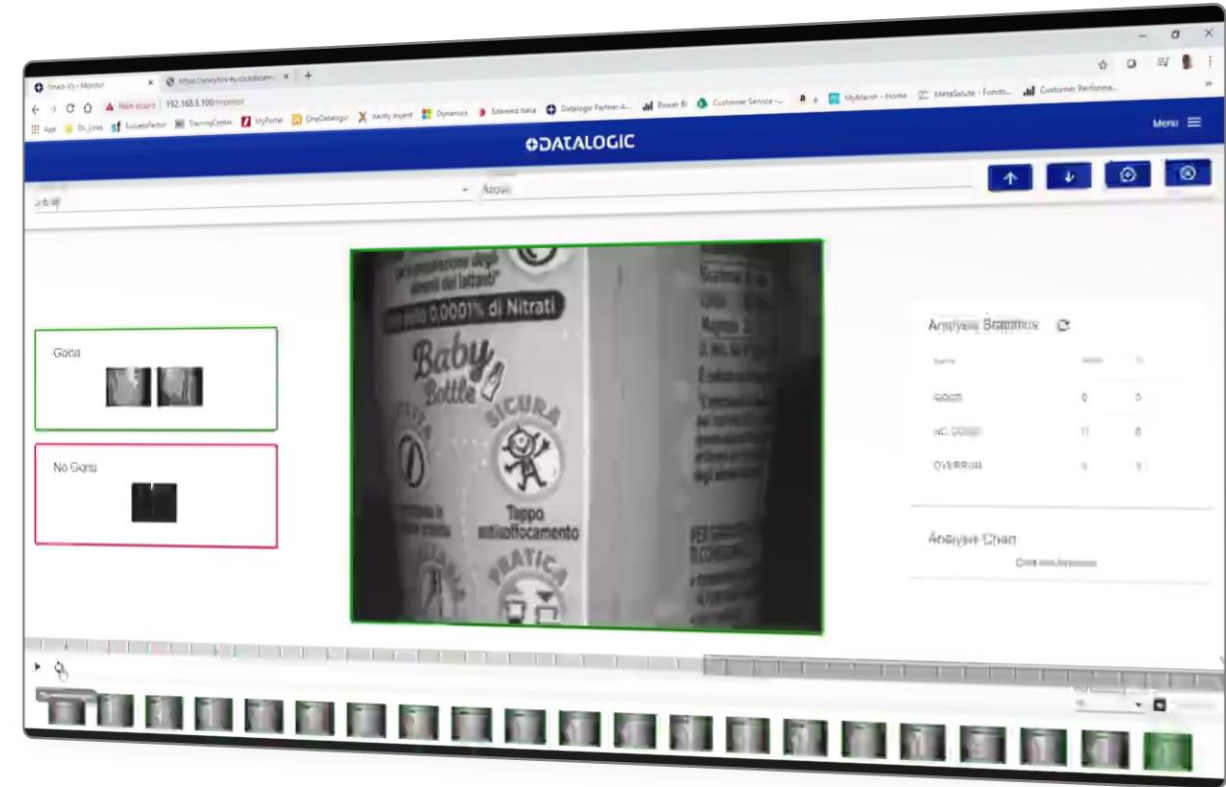
GOOD



NO GOOD



1. Acquisition of 2 images for GOOD part in order to consider different position of the label
2. Acquisition of 1 image for NO GOOD part



Customer is using Color sensor but the reading performance is not stable and reliable. The main problem is the label variability:

1. Different positions of the label during the reading
2. Same color in different parts of the label
3. DOF limited

Cap position control

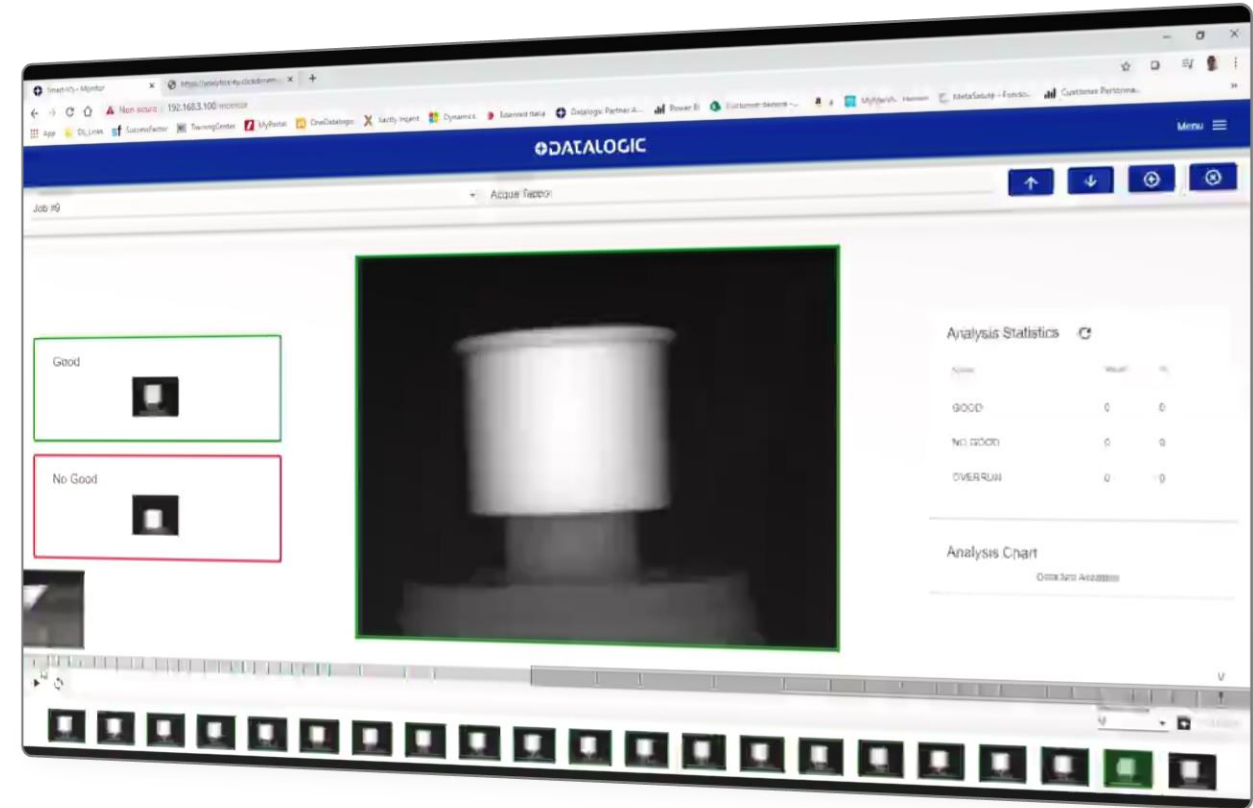
GOOD



NO GOOD



1. Acquisition of 1 image for GOOD part
2. Acquisition of 1 image for NO GOOD part



Customer is using Laser sensor but the reading performance is not stable and reliable. The main problem is the position and dimension tolerances of the bottles during the reading.

Presence control of a cap with logo

GOOD



NO GOOD

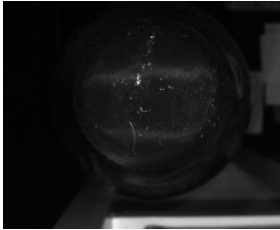


1. Acquisition of 4 images for GOOD part in order to consider different position of the cap
2. Acquisition of 1 image for NO GOOD part

Customer is using Smart Camera but, he is looking for a simpler and cheaper solution.

Presence control of a gold cap

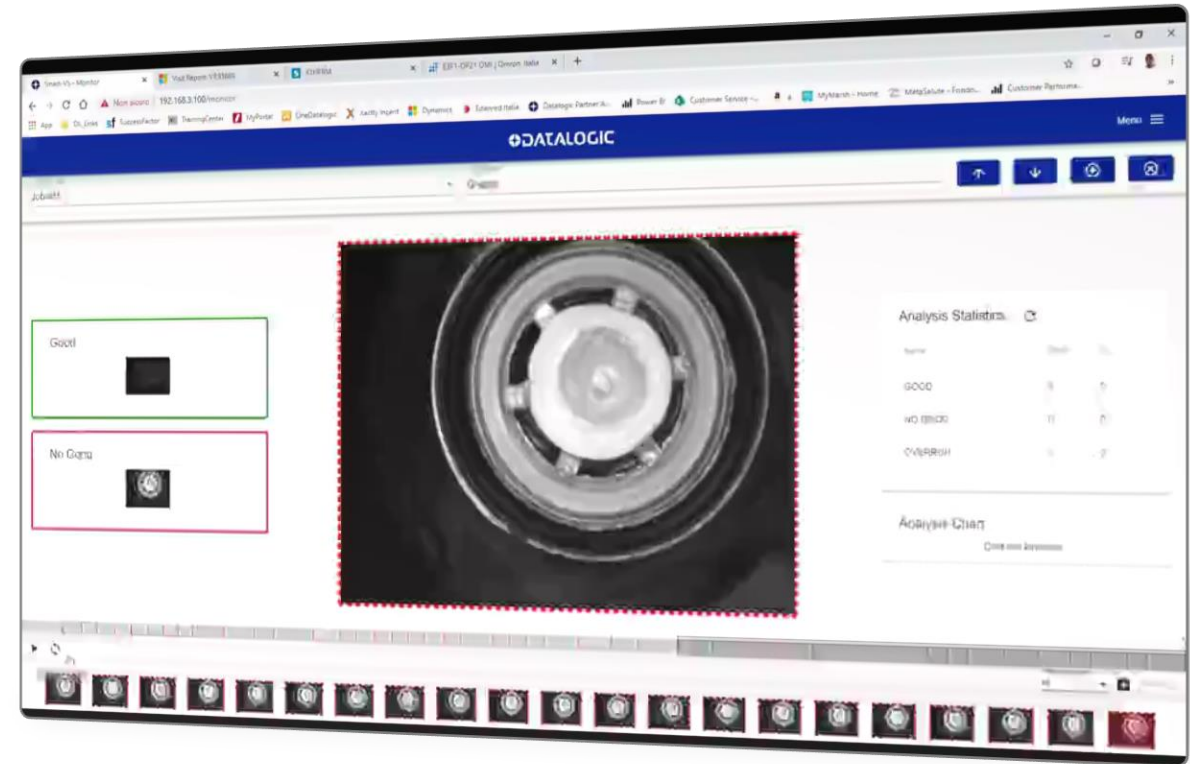
GOOD



NO GOOD



1. Acquisition of 1 image for GOOD part
2. Acquisition of 1 image for NO GOOD part



Customer is using Color sensor from the TOP to detect the gold cap; but due to the very reflective surface and the limited DOF of the sensor, sometimes the reading is not stable.

Security seal presence control in a CAN

GOOD



NO GOOD



1. Acquisition of 4 images for GOOD part in order to consider different position of the security seal
2. Acquisition of 1 image for NO GOOD part

Customer is using Smart Camera but, he is looking for a simpler and cheaper solution.

Bottle orientation

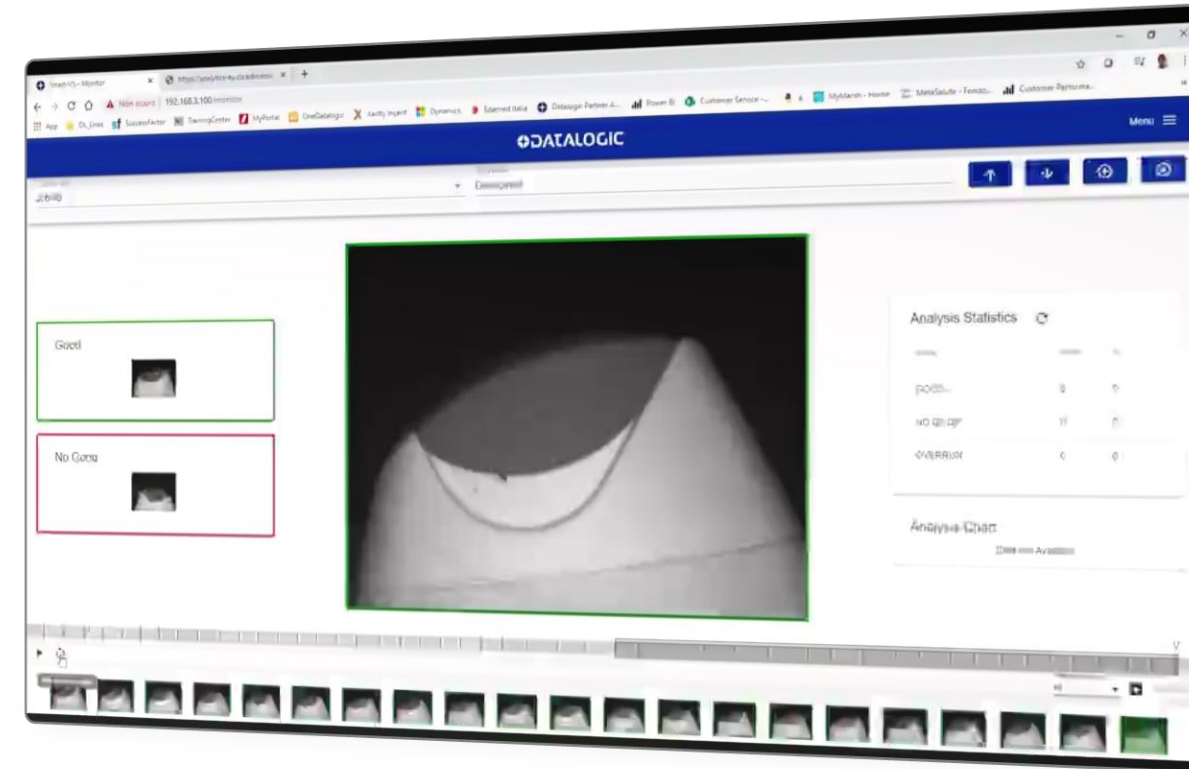
GOOD



NO GOOD



1. Acquisition of 1 image for GOOD part
2. Acquisition of 1 image for NO GOOD part



Customer is looking for a simple and cheaper solution, he tested several kind of sensors without good results.

Orientation of candies bottle

GOOD



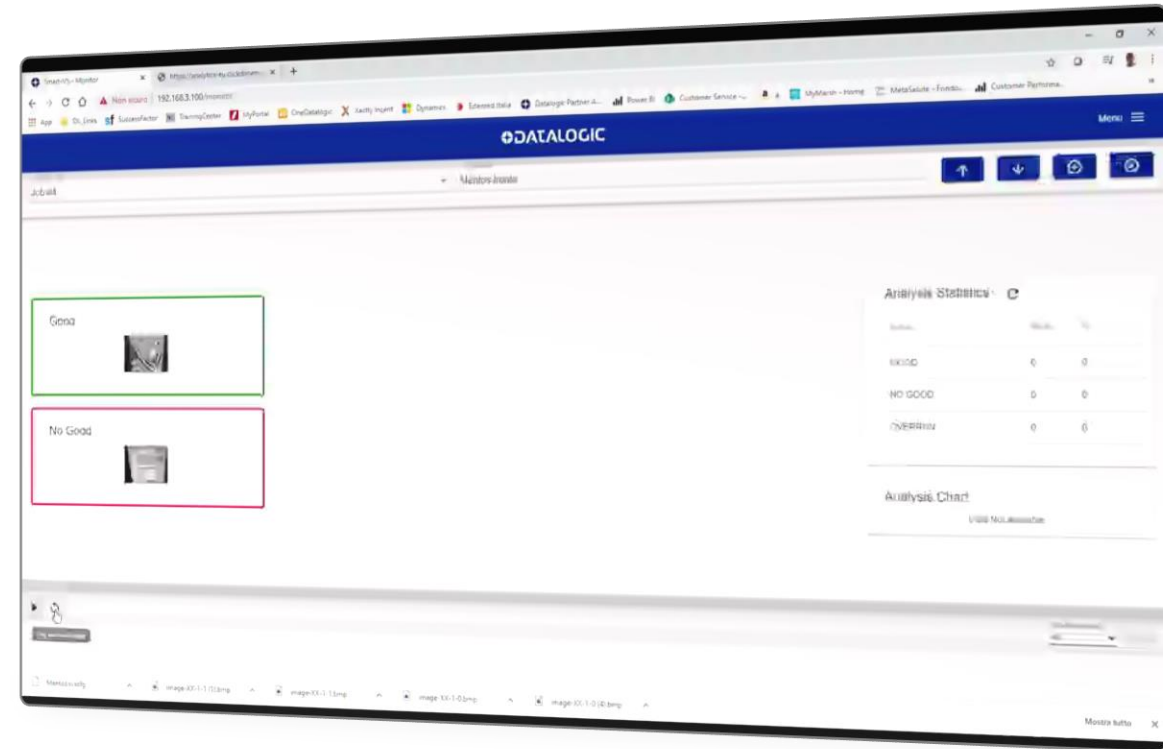
NO GOOD



1. Acquisition of 1 image for GOOD part
2. Acquisition of 1 image for NO GOOD part

Customer is using Color sensor but the reading performance is not stable and reliable. The main problem is the label variability:

1. Different positions of the label during the reading
2. Same color in different parts of the label
3. DOF limited



Presence control of the drinking straw on a Brick

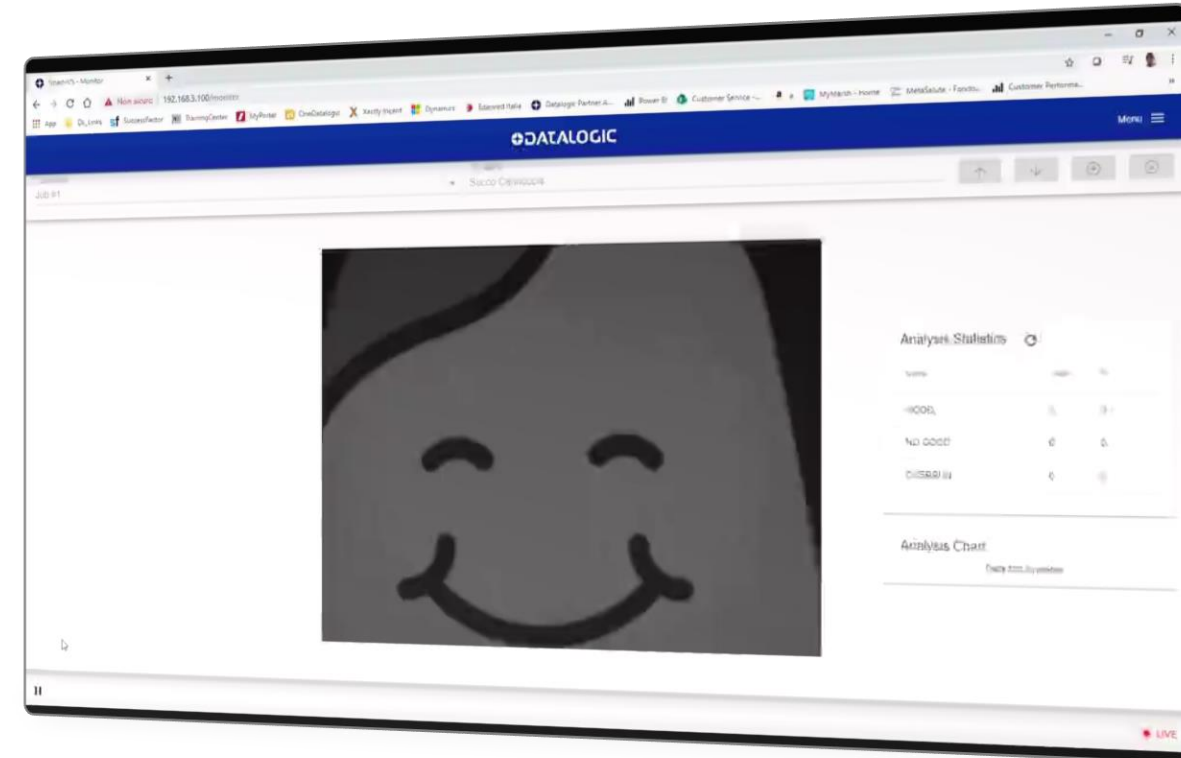
GOOD



NO GOOD



1. Acquisition of 1 image for GOOD part
2. Acquisition of 1 image for NO GOOD part



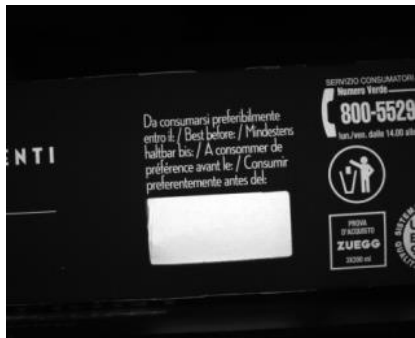
Customer is using Smart Camera but, he is looking for a simpler and cheaper solution.

Overprinting control

GOOD

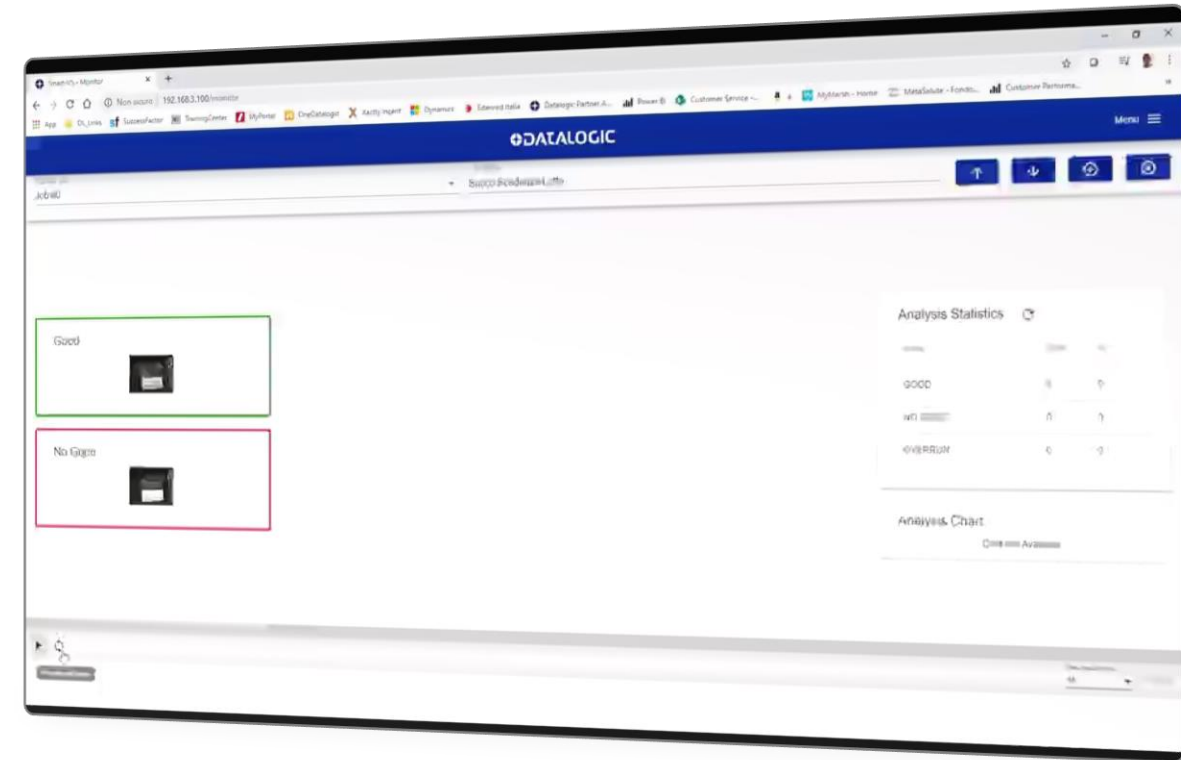


NO GOOD



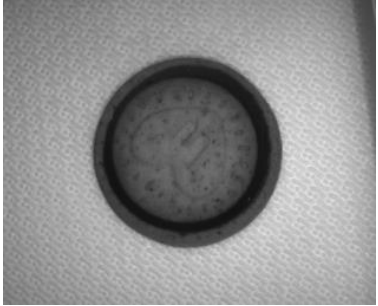
1. Acquisition of 1 image for GOOD part
2. Acquisition of 1 image for NO GOOD part

Customer is using Smart Camera but, he is looking for a simpler and cheaper solution.

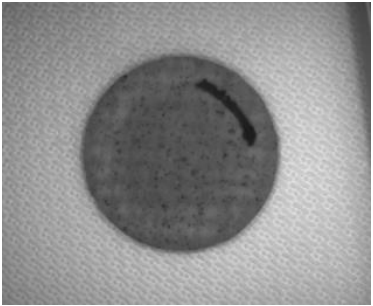


Cookies orientation

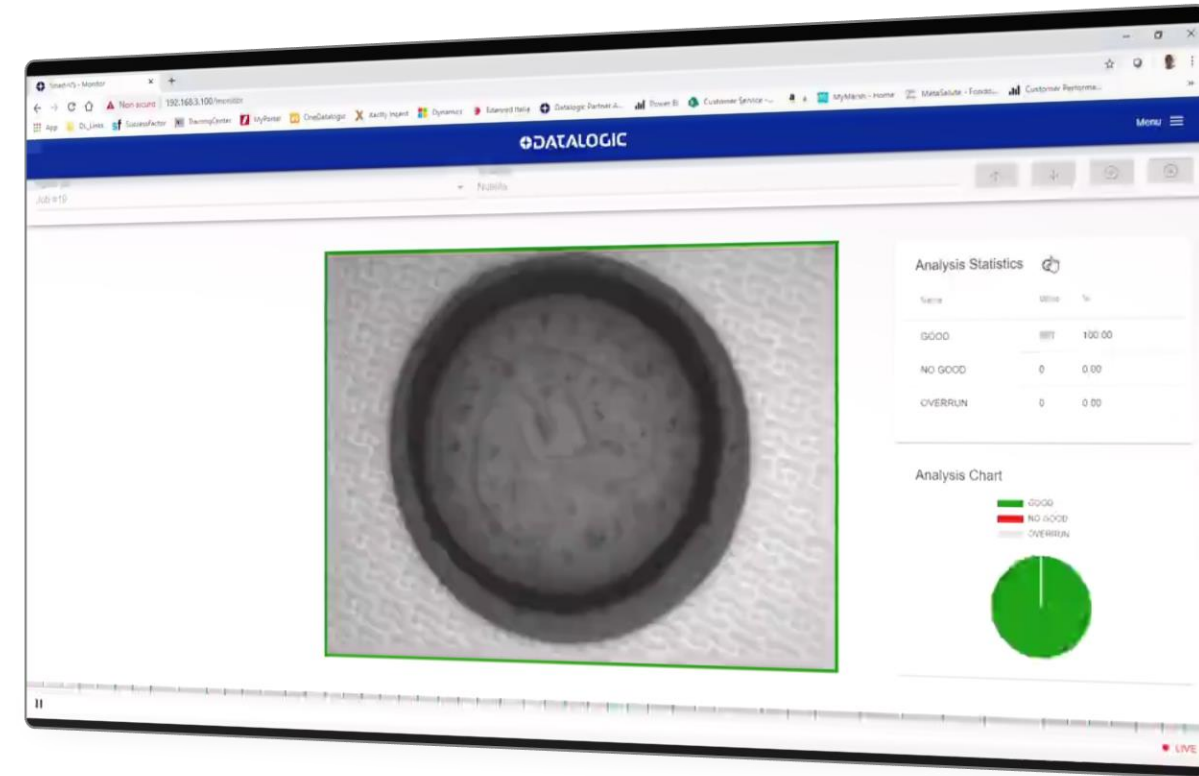
GOOD



NO GOOD



1. Acquisition of 1 image for GOOD part
2. Acquisition of 1 image for NO GOOD part



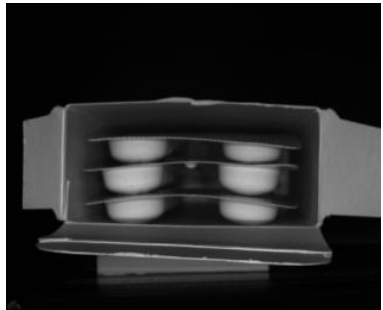
Customer is using Smart Camera but, he is looking for a simpler and cheaper solution.

Paciente instruction leaflet presence control

GOOD

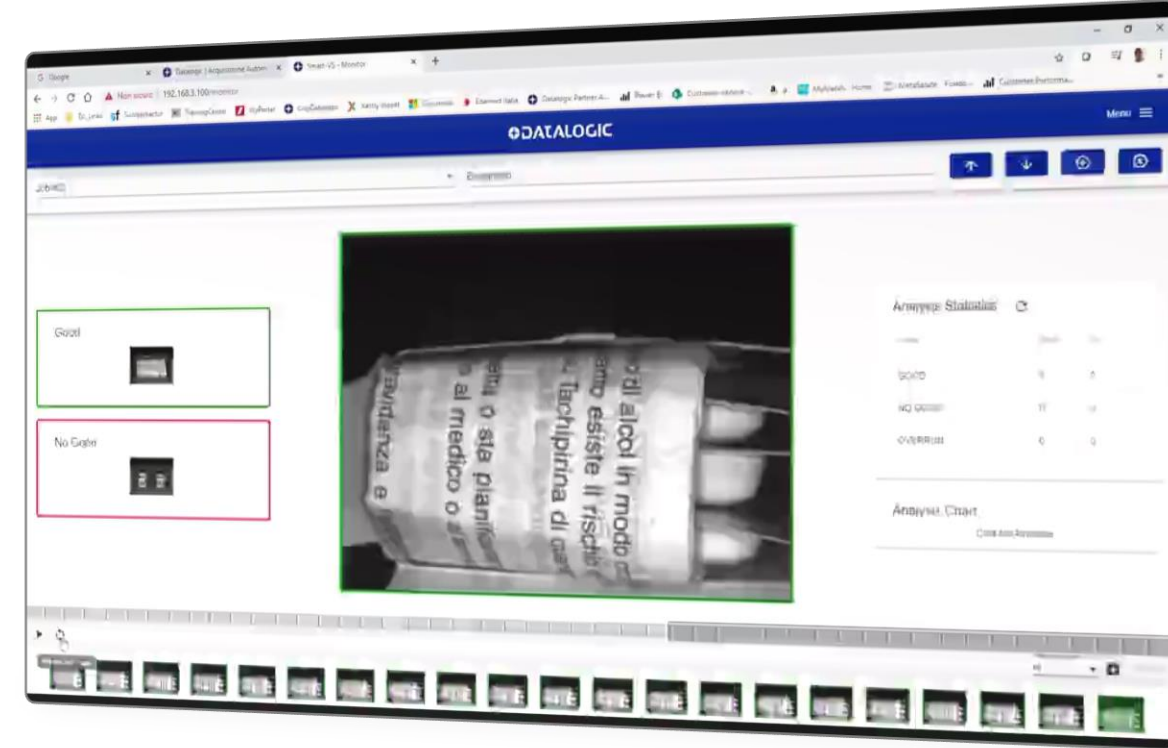


NO GOOD



1. Acquisition of 1 image for GOOD part
2. Acquisition of 1 image for NO GOOD part

Customer is using Luminescence Sensor to detect the presence of the Paciente instruction leaflet, but this solution requires a short operating distance and sometimes the leaflet could not be luminescence.

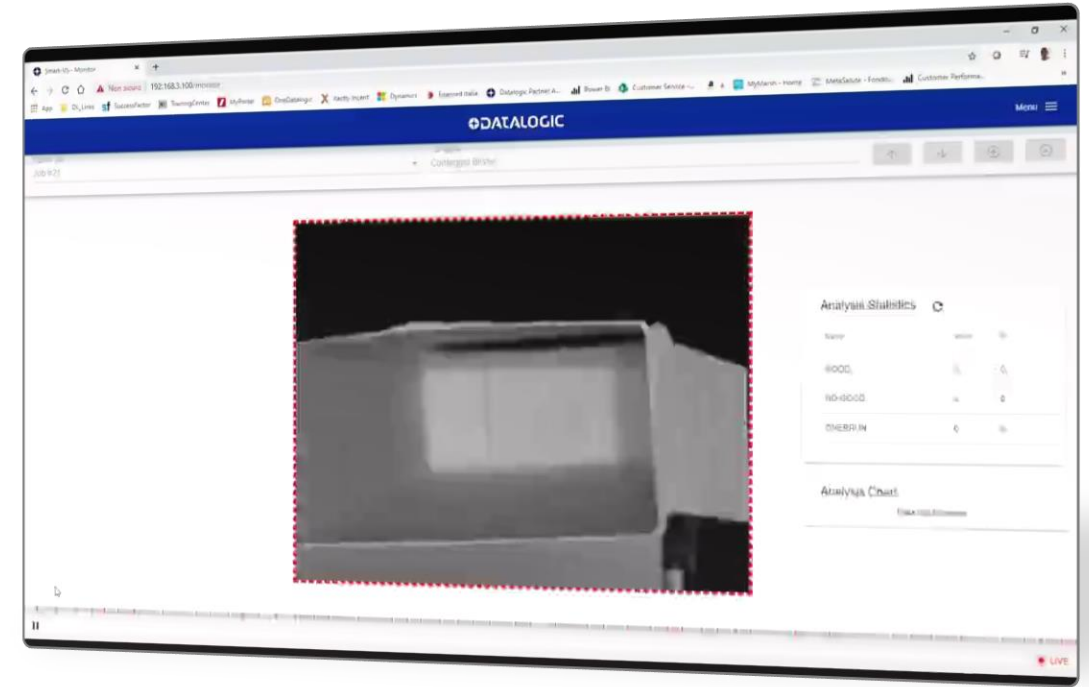
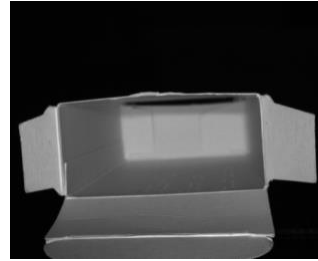
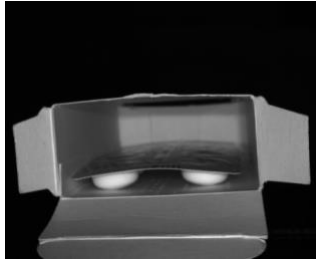


Verification of the completeness of the blister pack

GOOD



NO GOOD



1. Acquisition of 1 image for GOOD part
2. Acquisition of 3 images for NO GOOD part in order to consider the 3 different situations: 2 blisters, 1 blister and empty package

Customer is using Sensor to detect the «height» of the blister pack before to push it in to the package.

The solution with sensor requires a mechanical system to perform a reliable and accurate detection, very expensive for Customer.

This presentation contains statements that are neither reported financial results nor other historical information. These statements are forward-looking statements. These forward-looking statements rely on a number of assumptions and are subject to a number of risks and uncertainties, many of which are outside the control of Datalogic S.p.A., that could cause actual results to differ materially from those expressed in or implied by such statements, such as future market conditions, currency fluctuations, the behavior of other market participants and the actions of governmental and state regulators

© 2019 Datalogic S.p.A. and/or its affiliates - All rights reserved. • Without limiting the rights under copyright, no part of this documentation may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means, or for any purpose, without the express written permission of Datalogic S.p.A. and/or its affiliates • Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. and the E.U. • All other trademarks and brands are property of their respective owners.

Datalogic S.p.A.

Via Candini, 2 - 40012 Lippo di Calderara di Reno - Bologna (Italy)
Tel. +39 051 3147011 | Fax +39 051 3147205
corporate@datalogic.com
www.datalogic.com

