SAMSARA MACHINE VISION FOR

Consumer Goods

The Leading Platform for Connected Operations

SAMSARA FACTS

10,000+ customers worldwide

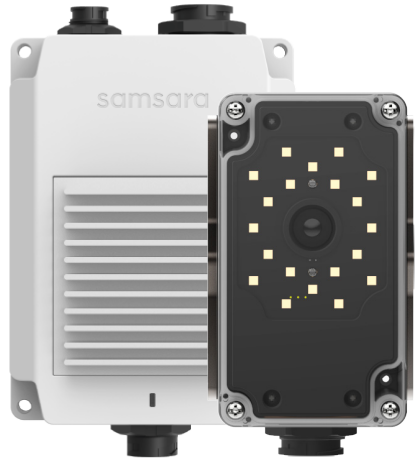
200,000 new devices added annually

Offices in San Francisco, San Jose, Atlanta, and London

A Complete Machine Vision Platform for Consumer Goods

For consumer goods manufacturers, growing demand for customized products, more complex processing, and greater SKU proliferation are causing efficient quality inspections to become more challenging than ever before.

While legacy machine vision systems have offered quality control for consumer goods manufacturers in the past, they cannot be easily updated to meet the rapid production cycles seen in the industry today. Samsara's VS2 series simplifies the machine vision experience by combining powerful hardware with a truly intuitive user interface. With an array of flexible tools that enable easy inspection setup, the VS2 series offers a complete solution for automated and efficient product inspections in the consumer goods space.



QUALITY MANAGEMENT

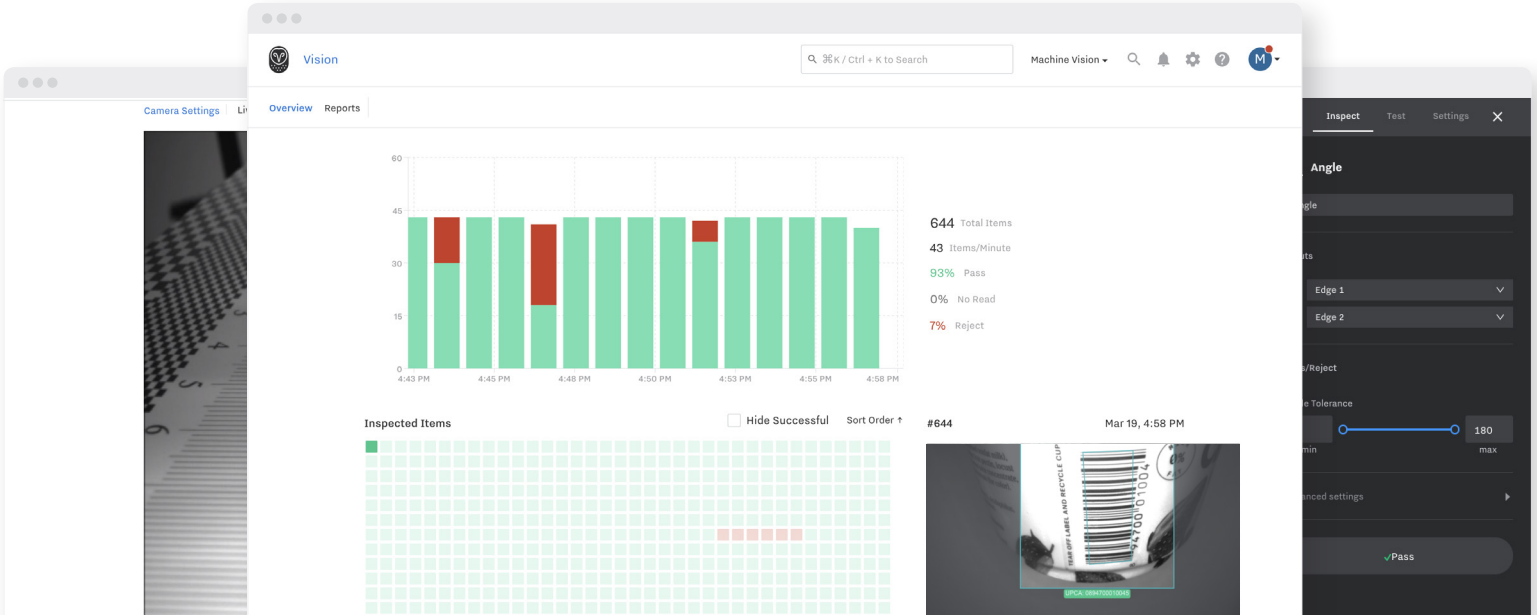
Reliable inspection of every produced component improves product quality, even as production rates and line speeds increase.

OPERATIONAL EFFICIENCY

Real-time defect alerts reduce rework and scrap costs. Easy-to-update programs and an integrated HMI ensure rapid changeovers.

BUILT-IN COMPLIANCE

Out-of-the-box traceability reporting means inspection results are automatically collected, making it easy to maintain records for compliance.



APPLICATIONS

Solve key business challenges

PACKAGING INSPECTION

Preserve your brand's reputation by preventing damaged or mislabeled packaging from shipping to customers.

ASSEMBLY VERIFICATION

Check if multi-pack boxes and cartons contain the right number of products, and verify bottles are filled to the right level. Ensure that accessories like printed leaflets are attached to or included in packaging.

PRODUCT QUALITY

Confirm that products are consistent in size, shape, and assembly. Evaluate nuanced discrepancies in hue or tone to ensure products are accurate in color.

ALLERGEN MANAGEMENT

Verify allergen labels are present and confirm the right products are packaged in the right containers. Track items through the supply chain using barcodes to act quickly in the event of a recall.

The Samsara advantage

➤ FASTER SETUP

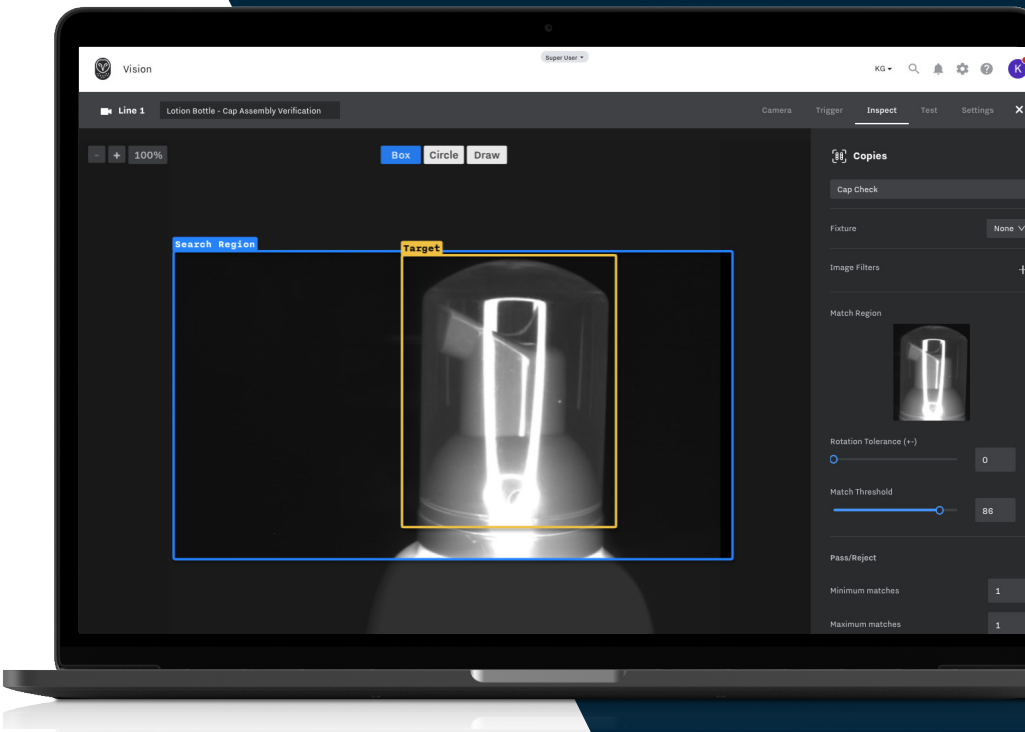
Start inspecting your products with configurable, code-free tools.

➤ ANYWHERE, ANYTIME

Seamlessly manage your entire inspection process with our central dashboard.

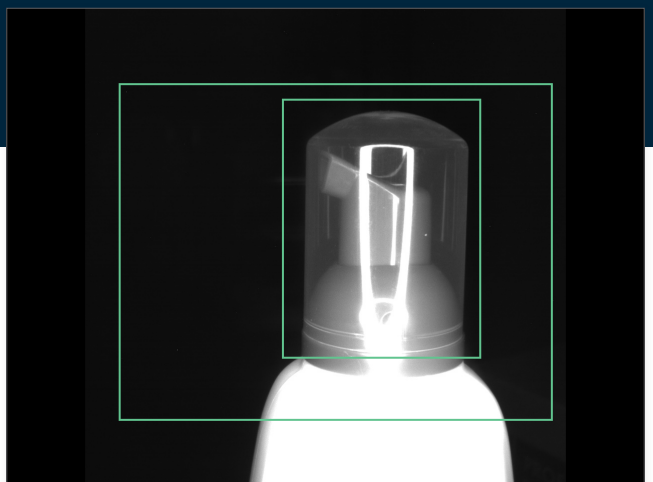
➤ TOTAL VISIBILITY

Analyze real-time and historical production data with integrated traceability.



Assembly Verification

Check that products are correctly assembled with the right components such as caps, nozzles, or instructional leaflets.



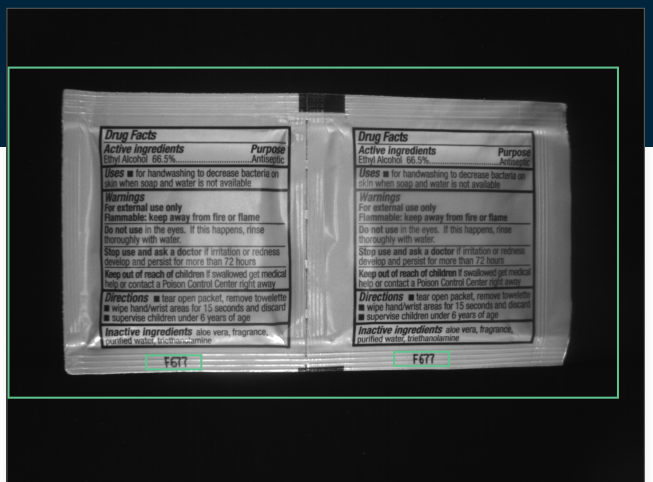
PASS

FAIL

INSPECTION SPOTLIGHTS

Lot Code

Read lot codes and ensure they are printed, correct, and legible on all containers and packaging.



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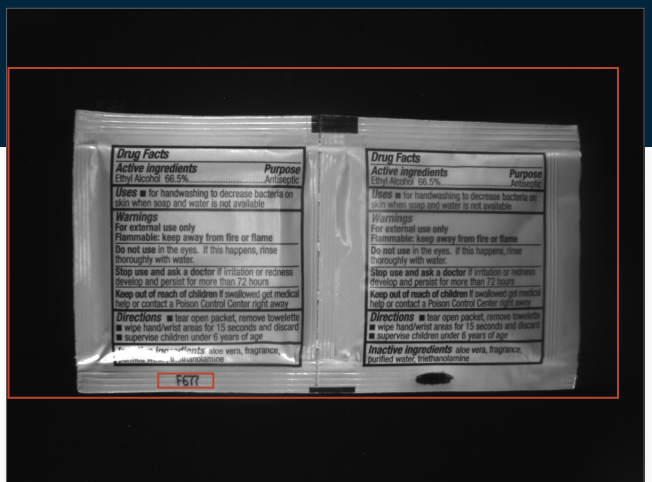

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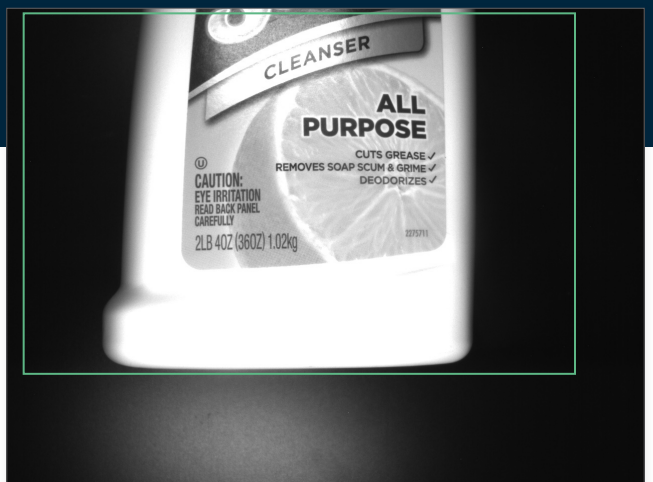
Label Verification

Match labels and verify they are placed on the correct products. Ensure all elements are present, printed correctly, and without tears or other defects.

INSPECTION SPOTLIGHTS



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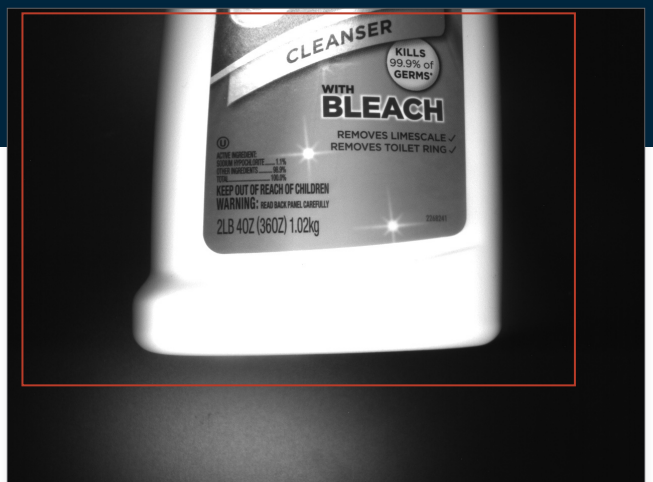

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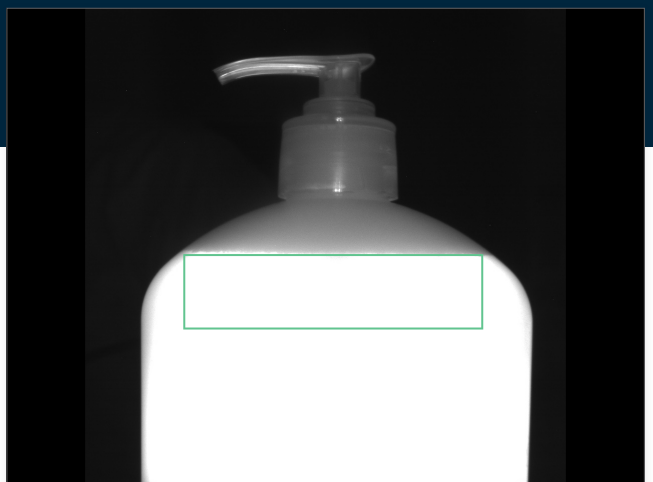
Fill Level

Ensure that bottles and other containers are filled to the right level.



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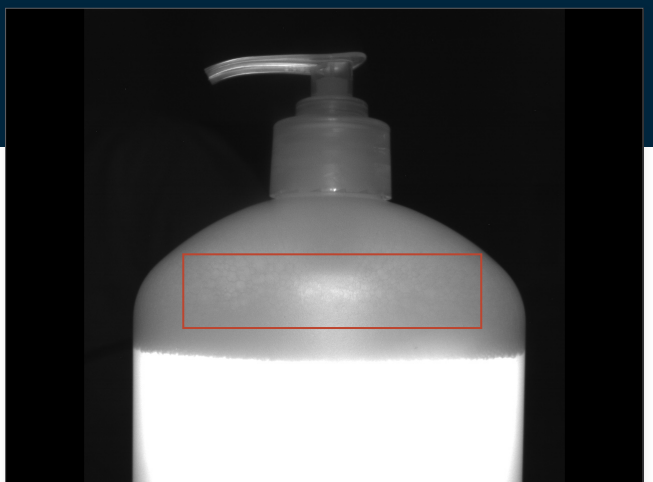

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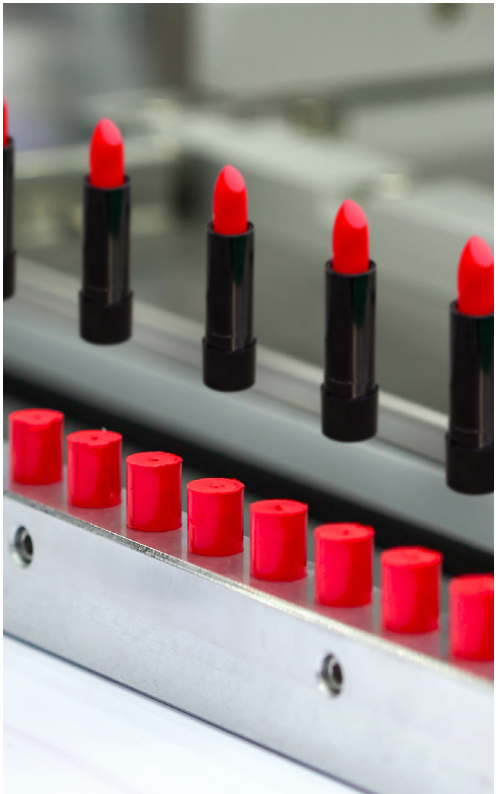

APPLICATIONS

Tools for every inspection

- Label Verification
- Label Inspection
- Cap Placement
- Safety Seal Inspection
- Fill Level
- Best By Date
- Batch & Lot Codes
- Color Check
- Case Labels
- Product Count
- Accessory Presence
- Traceability

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