SAMSARA MACHINE VISION FOR

Pharmaceuticals & Medical Devices

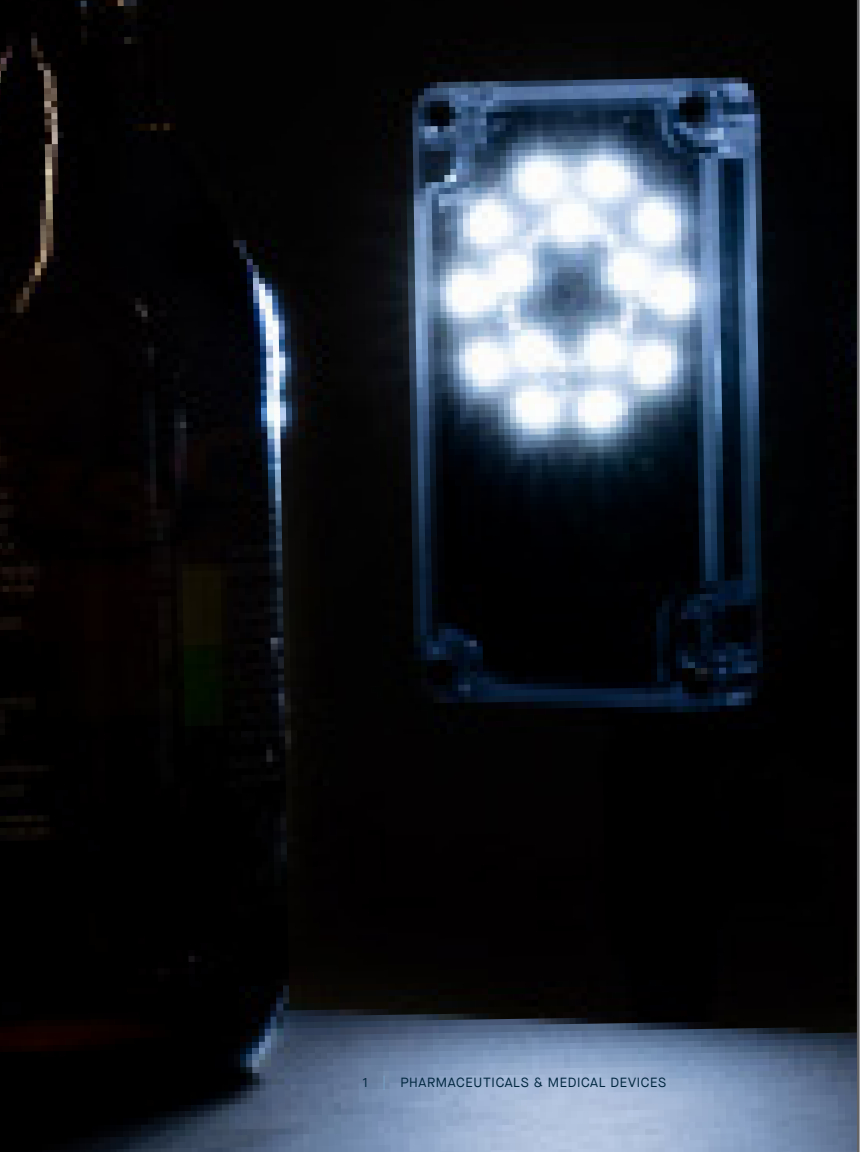
The Leading Platform for Connected Operations

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 Pharmaceuticals and Medical Devices

From package and traceability compliance to liability for patient safety, quality is core to the success of pharmaceutical and medical device manufacturers. At the same time, higher R&D costs and growing competition have put a spotlight on production efficiency.

While many manufacturers have deployed machine vision to help solve key quality, traceability, and compliance challenges, these systems have historically been difficult to use and their rigidity has made them difficult to update. Samsara's VS2-series simplifies the machine vision experience by combining powerful hardware with a truly intuitive user interface. Coupled with an integrated traceability database and an array of flexible inspection tools, the VS2-series offers a complete solution for efficient automated inspection in the pharmaceutical and medical device space.

QUALITY MANAGEMENT

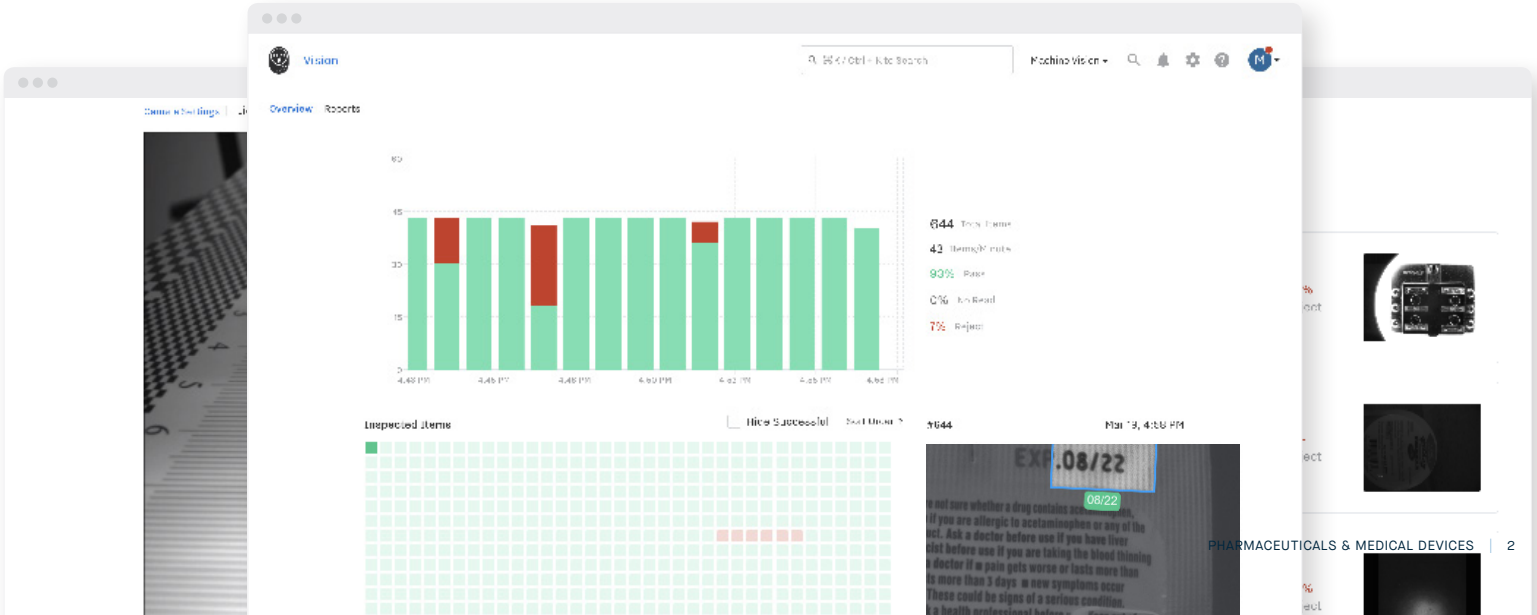
Reliable inspection of every single part produced ensures product quality, patient safety, and complete production records.

OPERATIONAL EFFICIENCY

Real-time defect alerts and integration with automated systems help catch defects sooner, reducing rework and scrap costs.

COMPLIANCE

Out-of-the box track and trace and role-based access control keep you in compliance with traceability standards.



APPLICATIONS

Solve key business challenges

PACKAGING INTEGRITY

Ensure that safety seals and caps are present and properly placed. Check that blister packs are fully intact with no damaged or missing capsules.

LABEL ACCURACY

Verify that labels are accurate and contain all information required for compliance. Ensure print quality of text and barcodes and confirm the attachment of additional instruction leaflets.

PRODUCT QUALITY

Confirm that products are consistent in appearance and size before packaging. Detect the presence of particulates and broken tablets.

TRACEABILITY

Read and verify the accuracy of 1D and 2D barcodes, text, and numbers printed on labels, cartons, films, and other surfaces. Automatically and securely log data to create an audit trail in the Samsara dashboard.

The Samsara advantage

➤ POWERFUL SIMPLICITY

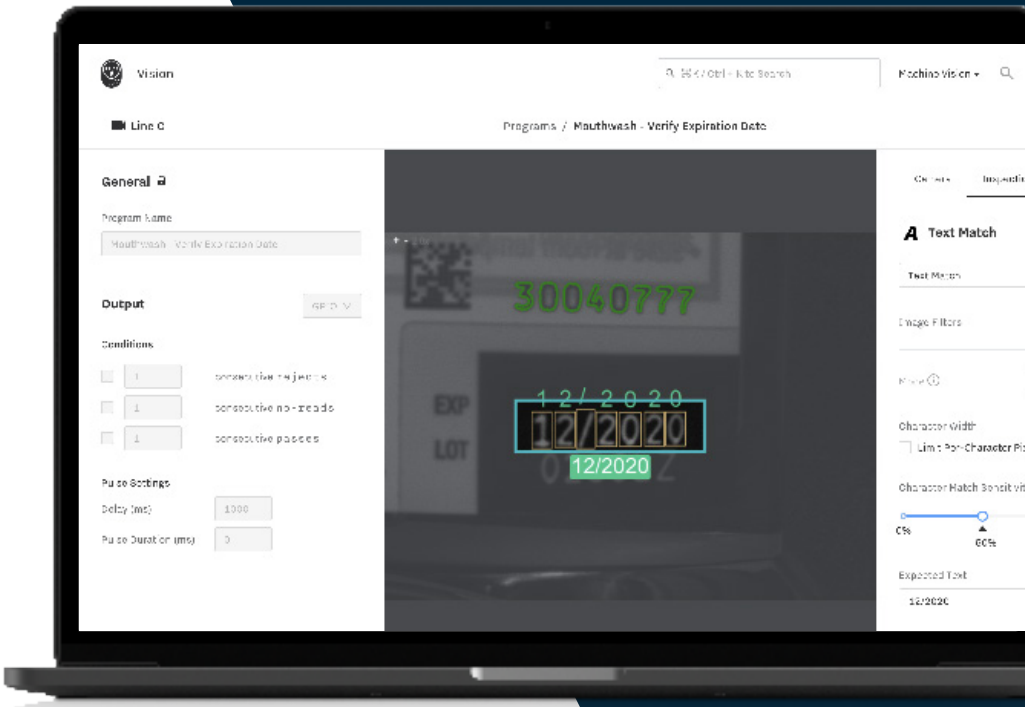
Easily set up inspection programs with configurable, code-free tools.

➤ ANYWHERE, ANYTIME

Seamlessly manage your entire inspection process with our central dashboard.

➤ INTEGRATED TRACEABILITY

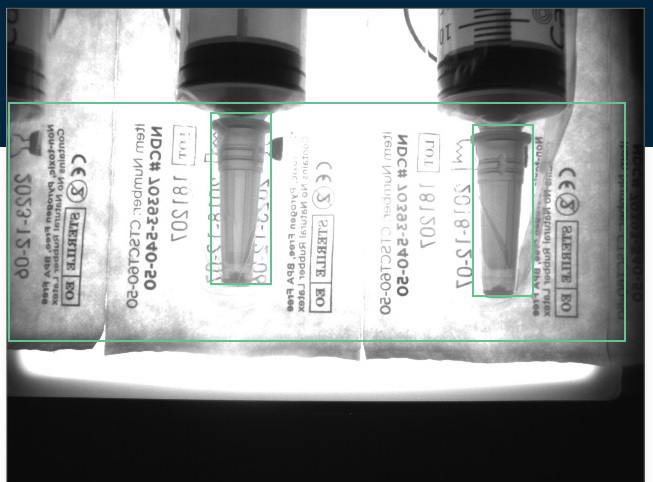
Track and trace out of the box with real-time data and automatic logging.



Assembly Verification

Check that caps and other accessory components are present, intact, and aligned to the primary product.

INSPECTION SPOTLIGHTS



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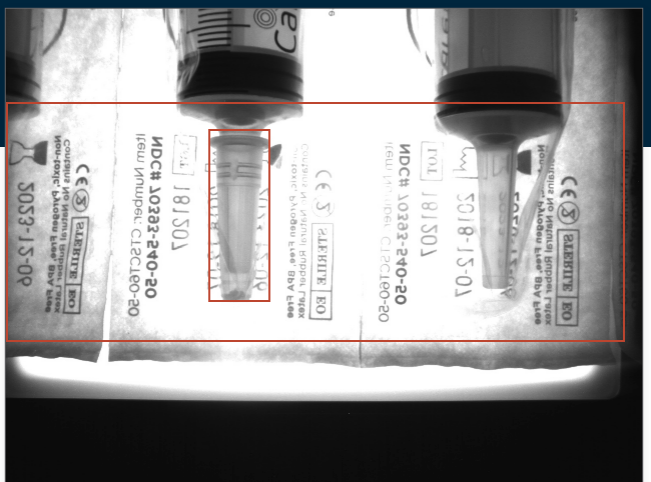

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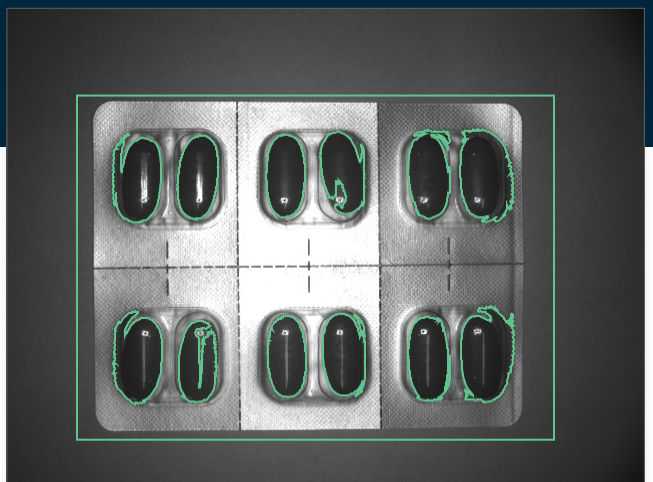
Pill Count

Ensure that blister packs and other containers are complete with the right number of pills and that each pill is fully intact with no breaks or cracks.



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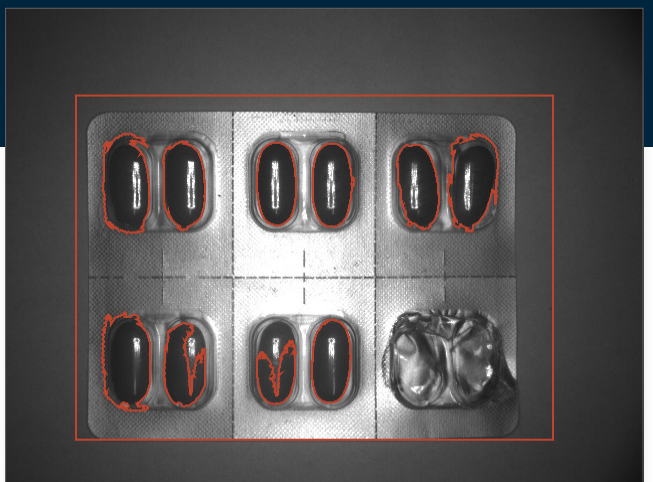

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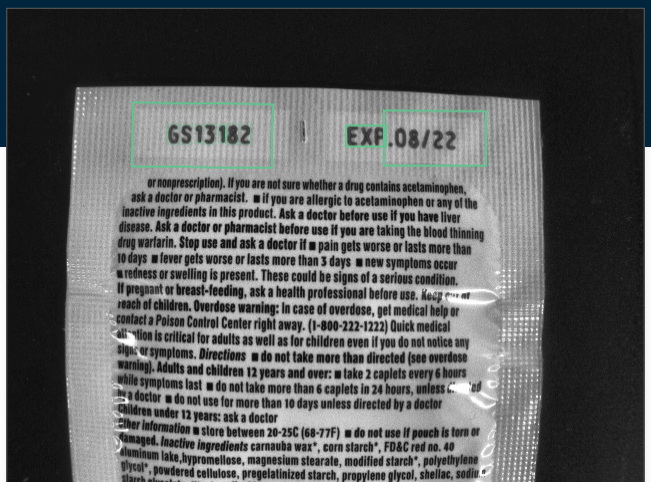
Expiration Date & Lot Code

Read and verify that the correct best by and expiration dates are printed on all containers, packing, and leaflets. Read lot codes for traceability through the supply chain.

INSPECTION SPOTLIGHTS



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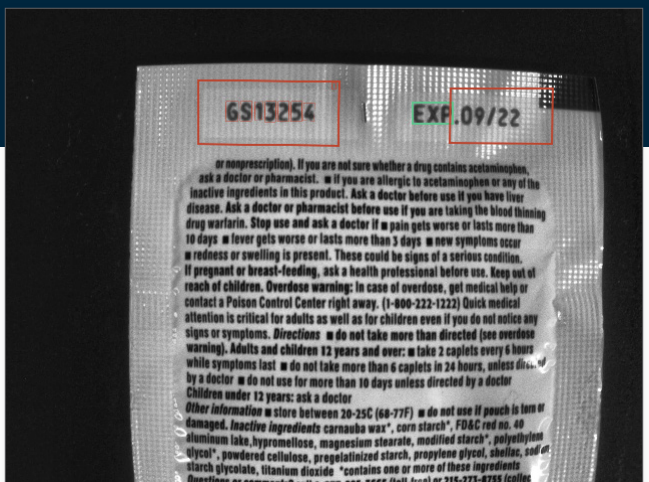

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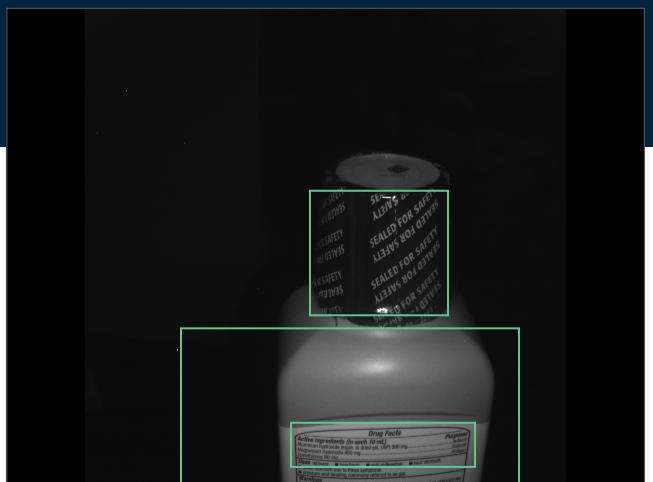
Seal Check

Verify that safety seals are present and intact on bottles or any other containers.



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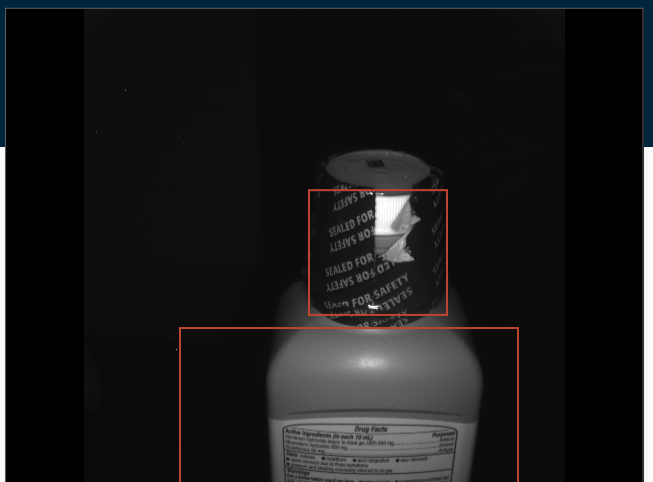

FAIL

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APPLICATIONS

Tools for every inspection

- Label Verification
- Track & Trace
- Fill Level
- Vial Inspection
- Best By Date
- Batch & Lot Codes
- Case Labels
- Packet Counts
- Safety Seal Inspection
- Package Insert Detection
- Capsule Size
- Pill Color Verification
- Broken Pill Checks
- Vial Counting
- Injection Molding Defects

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