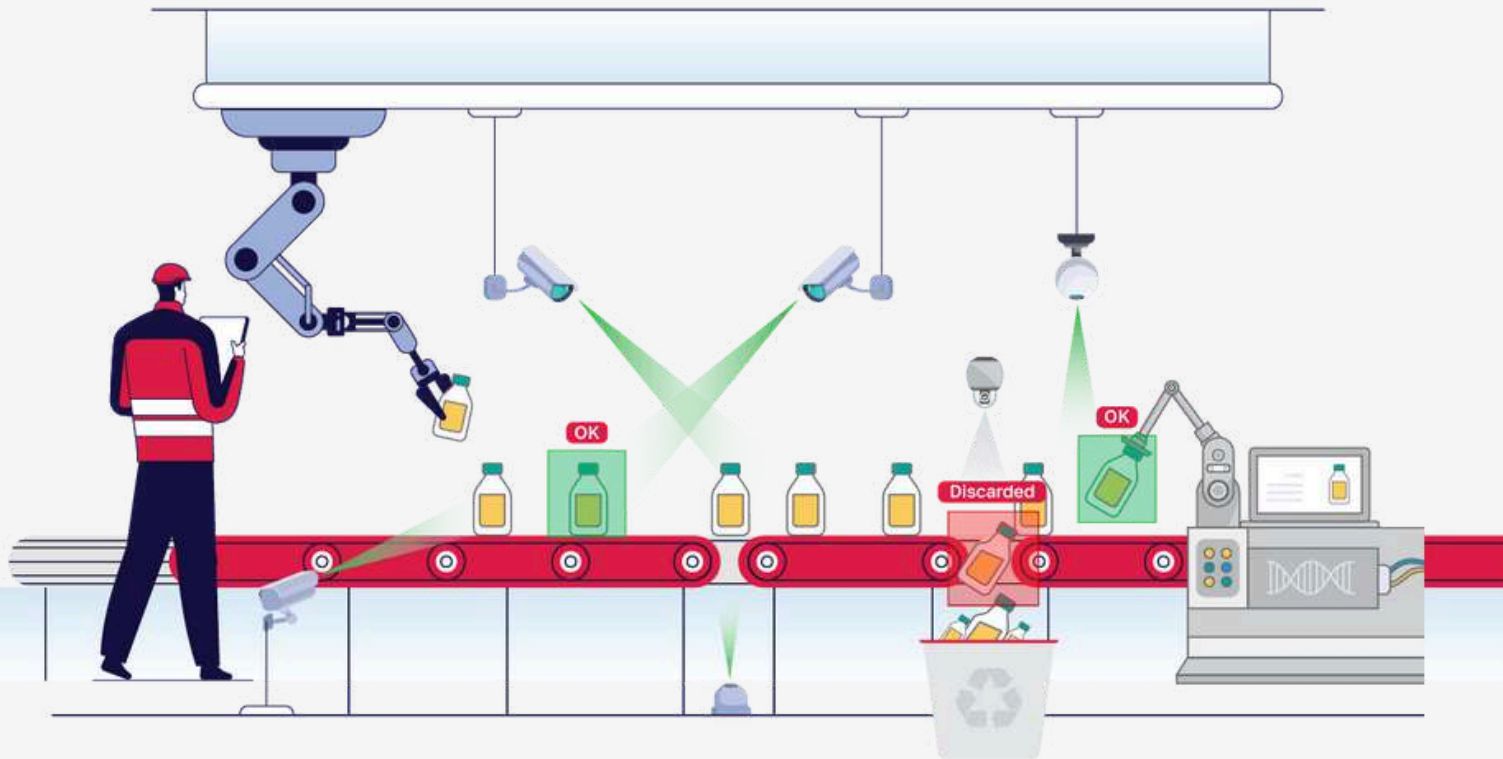




gotilo

Inspect



AI Based Visual Inspection for Modern Industries

Do Your Operations Face These Challenges?



High costs from rework
due to missed defects



Limited accuracy in
manual checks on fast-
moving lines



Delays in reporting and
corrective action



Inconsistent product standards
across shifts or sites

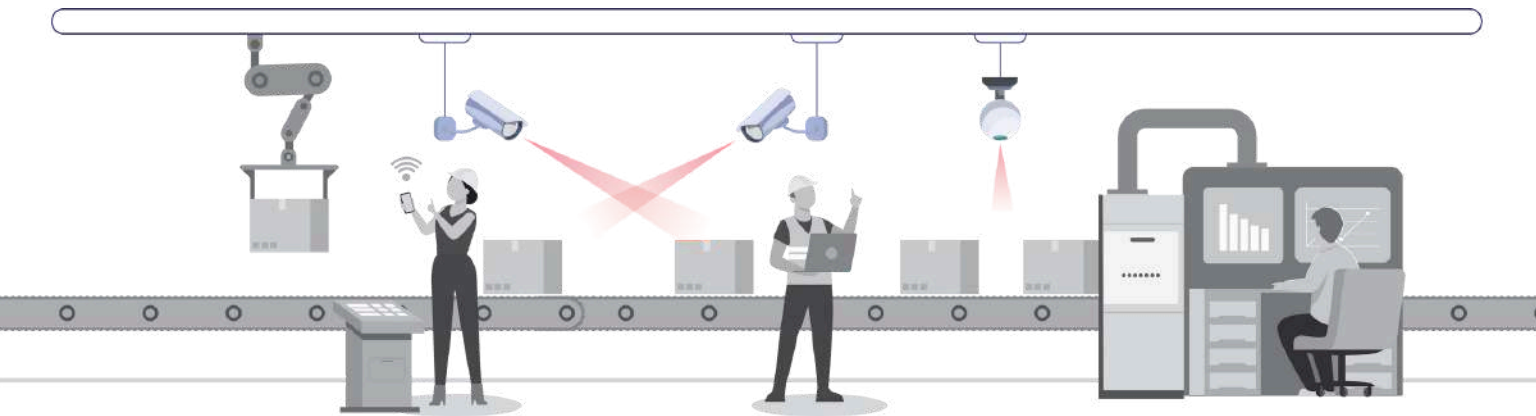




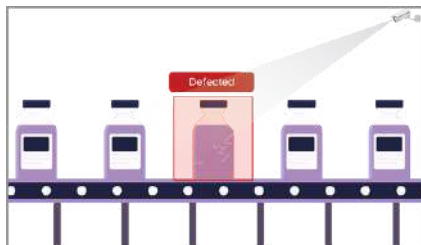
Manufacturing quality depends on accuracy.

Missed defects, delayed reporting, and inconsistent checks cost time, materials, and customer trust.

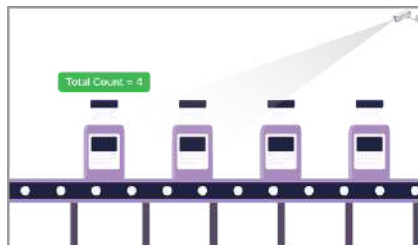
Gotilo Inspect brings clarity and reliability by automating inspection processes. With structured analysis and intelligent monitoring, it ensures products meet required standards while reducing rework and stabilizing production outcomes. With real-time reporting and connected insights, supervisors can monitor inspection results on the factory floor or from a control room, across smartphones, tablets, or laptops.



Core Capabilities



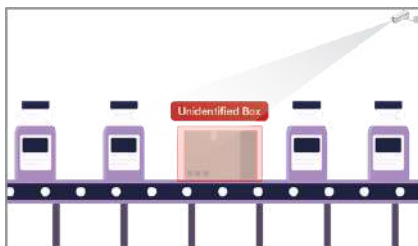
Visual Defect Detection



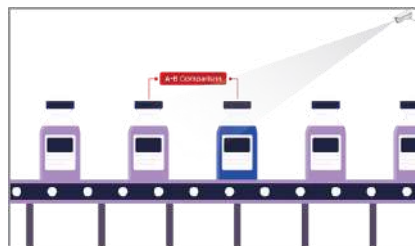
Instance Counting &
Yield Analytics



Industrial OCR



Part/Model Identification



Golden-Image /
A-B Comparison

Comparative View

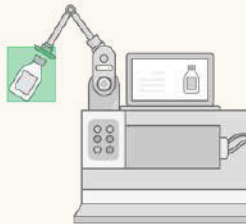
With Manual Inspection



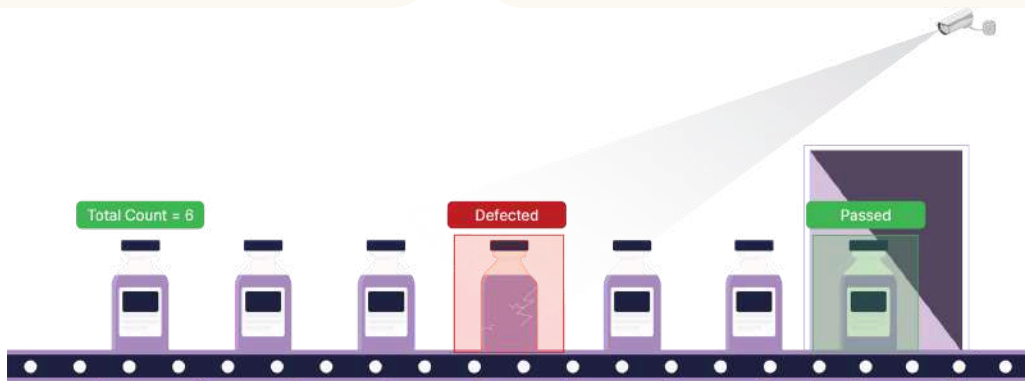
- ✓ Relies on human judgment
- ✓ Misses micro-defects and recurring errors
- ✓ Slows reporting and decision-making
- ✓ Inconsistent standards

VS

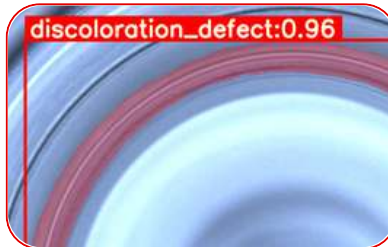
With Gotilo Inspect



- ✓ Automated visual detection of surface and structural issues
- ✓ Real-time yield tracking and instance counting
- ✓ OCR for codes and identifiers
- ✓ Golden-image baselines for consistent checks



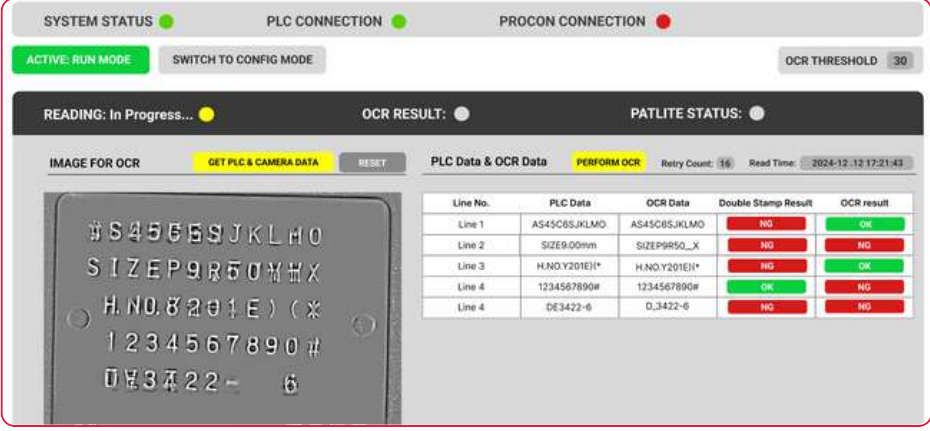
Anomalies Inspection on Transparent Bottle



Solution

Deployed a Computer Vision based system with Industrial cameras fitted in a way that captures the bottom view.

Double Stamp Fault Detection on Steel Plate



SYSTEM STATUS: ● PLC CONNECTION: ● PROCON CONNECTION: ●

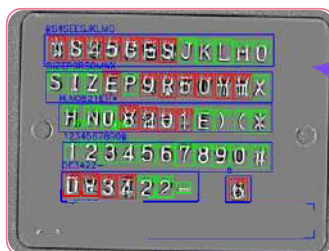
ACTIVE: RUN MODE SWITCH TO CONFIG MODE OCR THRESHOLD: 30

READING: In Progress... ● OCR RESULT: ● PATLITE STATUS: ●

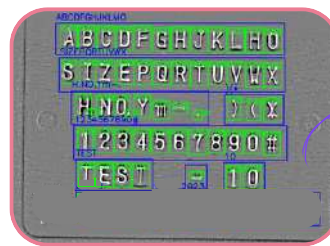
IMAGE FOR OCR: GET PLC & CAMERA DATA RESET

PLC Data & OCR Data: PERFORM OCR Retry Count: 16 Read Time: 2024-12-12 17:21:43

Line No.	PLC Data	OCR Data	Double Stamp Result	OCR result
Line 1	AS45C6SJKLMO	AS45C6SJKLMO	NO	OK
Line 2	SIZE9.00mm	SIZEP9R50_X	NO	NO
Line 3	H.NO.Y201E1*	H.NO.Y201E1*	NO	OK
Line 4	1234567890#	1234567890#	OK	NO
Line 4	DE3422-6	D,3422-6	NO	NO



Characters with Double Stamp Detection



Characters with NO Double Stamp Detection

Solution

We have designed a Desktop Application that performs the OCR (Optimal Character Recognition) on the images.

Printing Inspection on Cosmetic Bottle

Defective Bottles



SCRATCH

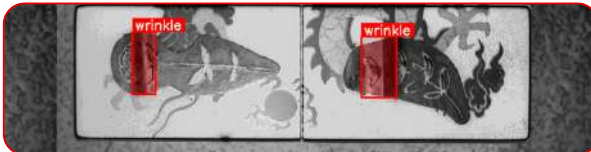


HOLES



WRINKLES

AI Model Outputs



Solution

Deployed a Computer Vision based system with Industrial cameras fitted on a Conveyor Belt.

Bread Packets Classification & Co

Sample Images

Model Output Images

Model Classification result

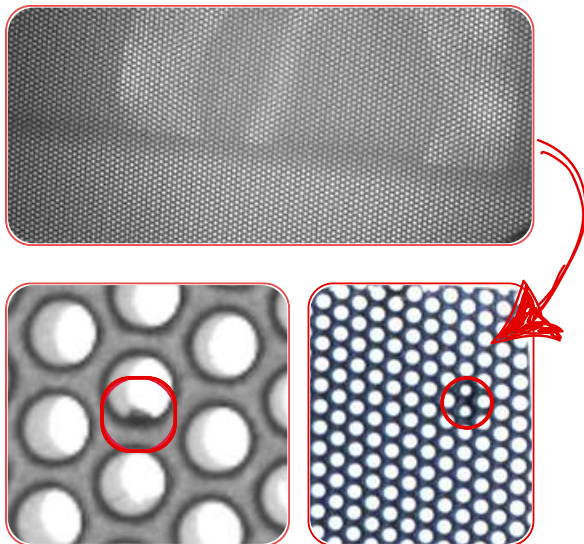
Total QTY	2
Wholemeal-Extra-Soft&Fine-400g 1 X Qty.	1 QTY.
Pandan - Coconut-340g 1 X Qty.	1 QTY.
Total Count	6
Wholemeal-Extra-Soft&Fine-400g	1
Enriched White 600g	2
Nutri-Ace-Hearty-Oat-Loaf	3

Solution

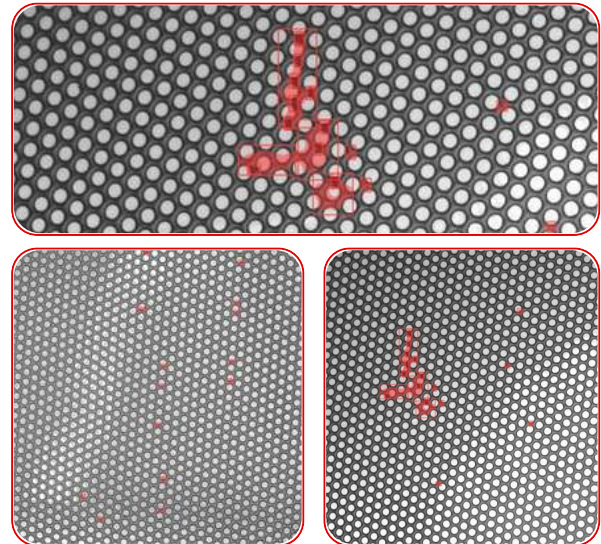
We have developed a custom classification model based on transformer architecture.

Scratch Detection on Speaker Surface

Sample Defective Images



Model Output Samples



Solution

We have developed a custom AI Segmentation model that not only identifies/detects the scratches but also classifies them according to their nature.

Industries We Serve



Manufacturing



Transportation



Heavy Equipment



Retail



Government



Education



Banking And Finance

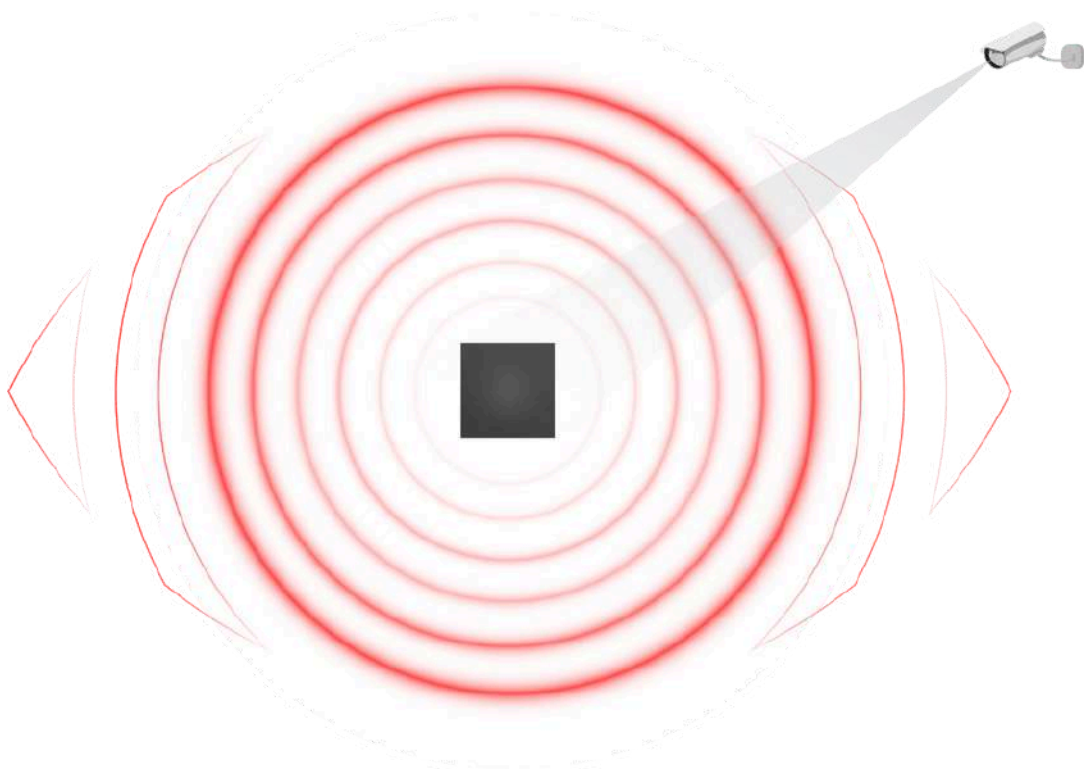


Steel



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Inspect



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WebOccult

As the product arm of WebOccult, GOTILO turns our vision-AI breakthroughs into dependable, ready-to-use products that plug into real operations and deliver measurable outcomes, fast.