

Classify Quantify Resolve

# VISION INSPECTION

# Traceability Applications

Equipped with a touch-panel HMI, the IRIS dashboard is designed with easy set up and quick selection capabilities. By utilizing a one-button selection tool, the operator can set up a new recipe in seconds.

Search by SKU	Ļ.	Search by Description of Product	<b>&gt;</b>
SKU 1			
	SKU 434	4301	
	Product a	nd size	
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Home Recipe S	election Create Recipe	Reader Monitoring Reader Tracability	

**Load Recipe:** Easily load a new recipe by entering SKU # and product size.

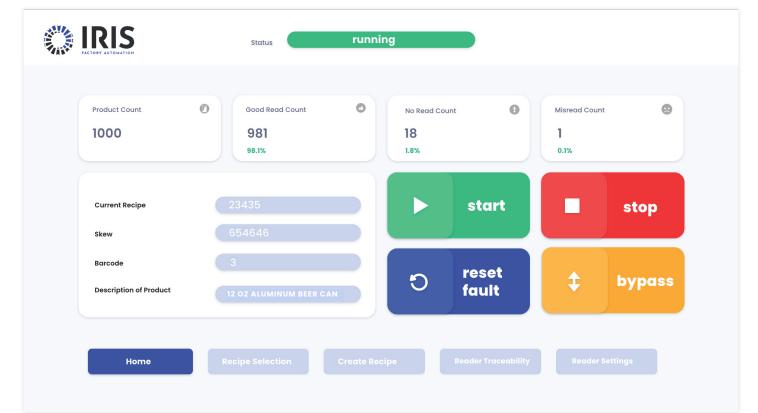
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	Recipe selection	Recipe Selection search by type	Search (4)		्राया इत्या	
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#### **Quick selection tools**

**Search or select:** Search for a recipe by skew # or image.

# Simple to Use Operator Screen

Identify trending defects to better understand quality issues. Smart visibility coupled with traceability addresses quality issues before reaching consumers. With the ability to track product defects, you can effectively manage and protect the reputation of your brand.



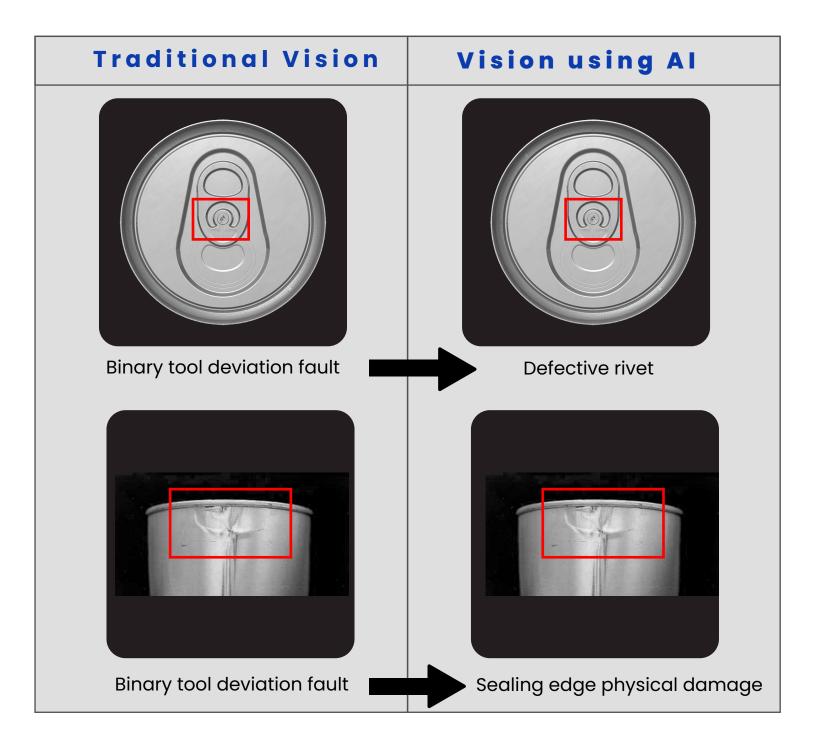
### Identify Systemic Problems

Easily view current defect trends and identify potential systemic problems.

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VERVIEW	் ம	OVERVIEW - THIS SHIFT			TOTAL LIDS	TOTAL LIDS INSPECTED: 3,544			
MS		GENERAL REJECT INFO	)	HIGHEST REJECT CATEGORY		HIGHEST RI	HIGHEST REJECT LANE		
REJECT IMAGES ( VISION SETTINGS (	<ul> <li>●</li> <li>●</li> </ul>	REJECT RATE 2.02% 0.00 % J PAST HOUR	TOTAL REJECTS 230	CATEGORY DEFECTIVE RIVET	TOTAL 86	LANE 1	0.00 % PASTHOU	PERCENTAGE 4.05 % JR	
ERTS	₿ (_)	REJECTS BY CATEGORY ()			REJECTS BY LANE				
ELP CENTER	0		REJECTS	PERCENT		LIDS	REJECTS	PERCENT	
		<ul> <li>defect type 1</li> </ul>	17	7.39%	1	222	9	4.05%	
		• defect type 2	15	6.52%	2	221	5	2.26%	
		defect type 3	18	7.83%	3	221	6	2.71%	
		• defect type 4	63	27.39%	4	221	3	1.36%	
		• defect type 5	9	3.91%	5	221	4	1.81%	
		defect type 6	86	37.39%	6	221	3	1.36%	
		• defect type 7	14	6.09%	7	221	4	1.81%	
		defect type 8	2	0.87%	8	221	7	3.17%	
		defect type 9	6	2.61%	9	2184	34	1.56%	

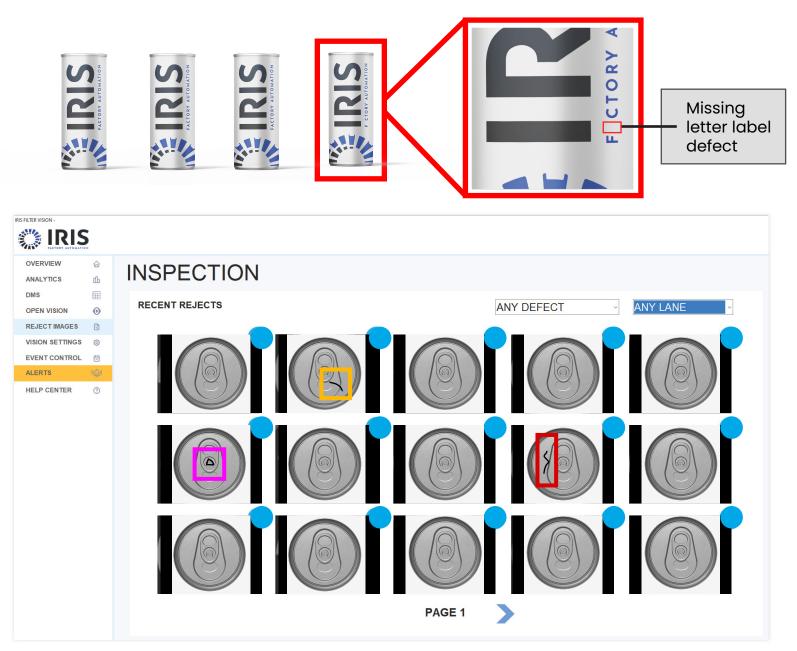
## Leveraging the Power of Al

By leveraging AI and Deep Learning tools, users are not only able to Identify, but also **classify** defects into terms recognizable by the facilities in which they are installed. This empowers facilities to be able to harvest data in a manner that is **relative to their process**, so they can deploy corrective measures to resolve the issues where they begin saving time, minimizing waste, and avoiding unplanned downtime.



# Intelligent classification

IRIS vision systems are able to leverage the use of deep learning algorithms to detect the smallest variation based on predefined classifications customizable to your manufacturing requirements.



Our systems empower users to recall recent images both good and bad to better understand what is happening at the line.

# Data driven approach

By leveraging classification and then quantifying those defects into categories, users can better understand intermittent and systemic issues in order to make data driven decisions to maintain quality with minimal impact to production.





# Preventative focus

By quickly identifying the root cause of defect conditions, our clients can leverage this information to reduce unplanned downtime, optimize production tooling, and maintain a targeted preventative maintenance schedule.



Targeted preventative maintenance



Reduced tooling costs



Prevent unplanned downtime

# Contact Us



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