


AI Vision Platform

AI Vision Platform



Cargo inspection

SHIP TO: John Doe 123 Main Street, Apt 4B, New York, 10001, USA		FROM: ACME Corporation 456 Industrial Blvd, Los Angeles, 90001, USA	
ORDER ID:	123456789	REMARKS: NO REMARKS	
WEIGHT:	2.5 KG		
DIMENSIONS:	12cmx12cmx12cm		
SHIPPING DATE: 2024-08-31			
 TRACK123456789US			

Package label recognition

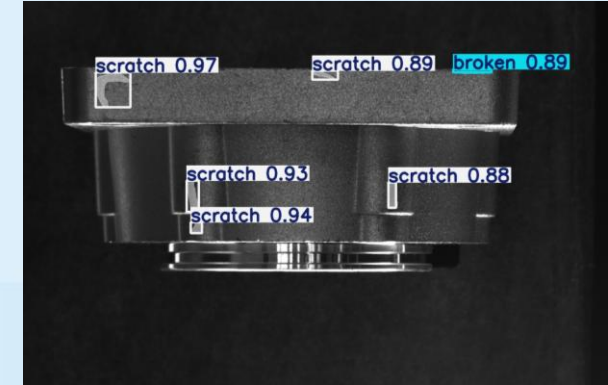
**Fast and reliable
solution**

Data labelling, machine
learning model training and
deployment in minutes.

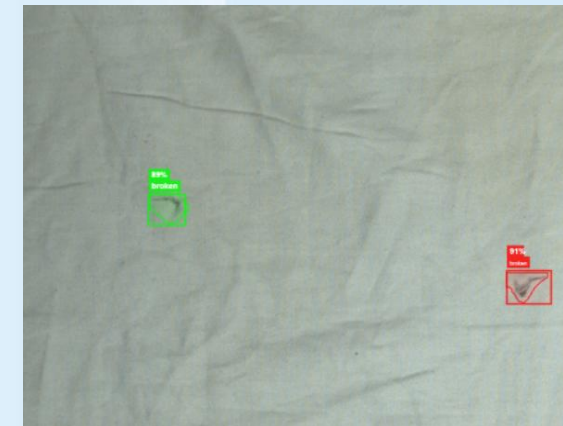
Smart Vision Platform

**Cutting-edge
technology**

Detection, classification,
segmentation in reach.



Metal surface inspection



Textile defects inspection

We provides a **codeless** online cloud platform tailor made for **customized** training, serving and deployment, and simplifies the whole process for AI transform.

<10

**Training
Images**

100+

**Preset
Applications**

15mins

**Build Model
Pipeline**

1 Day

Deployment

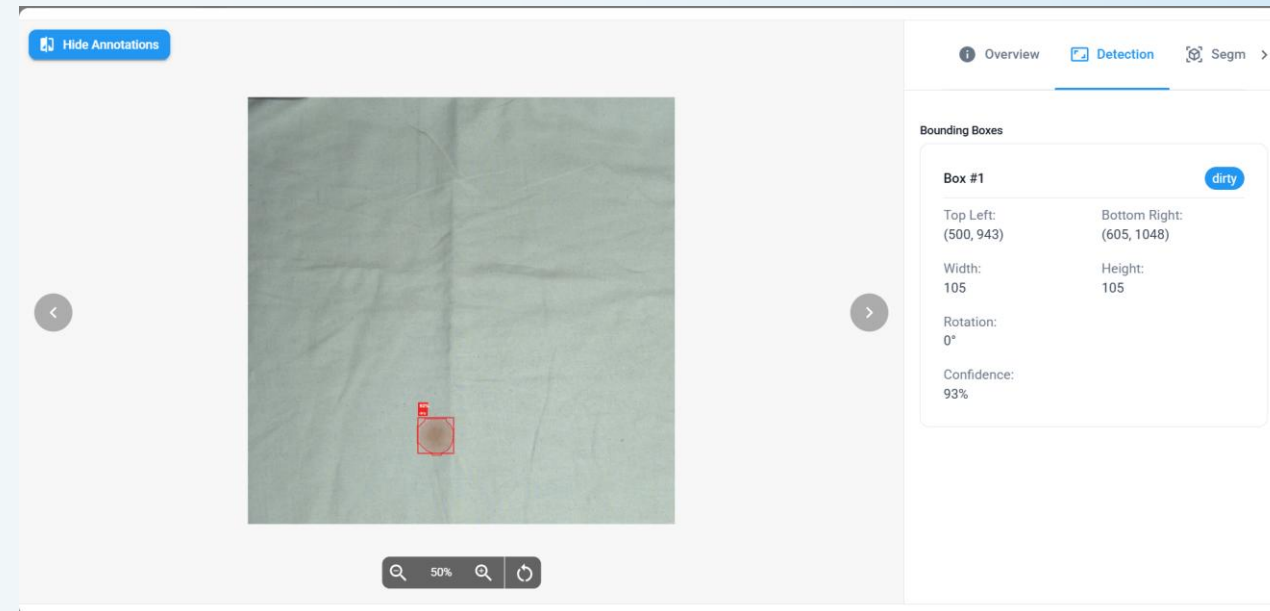
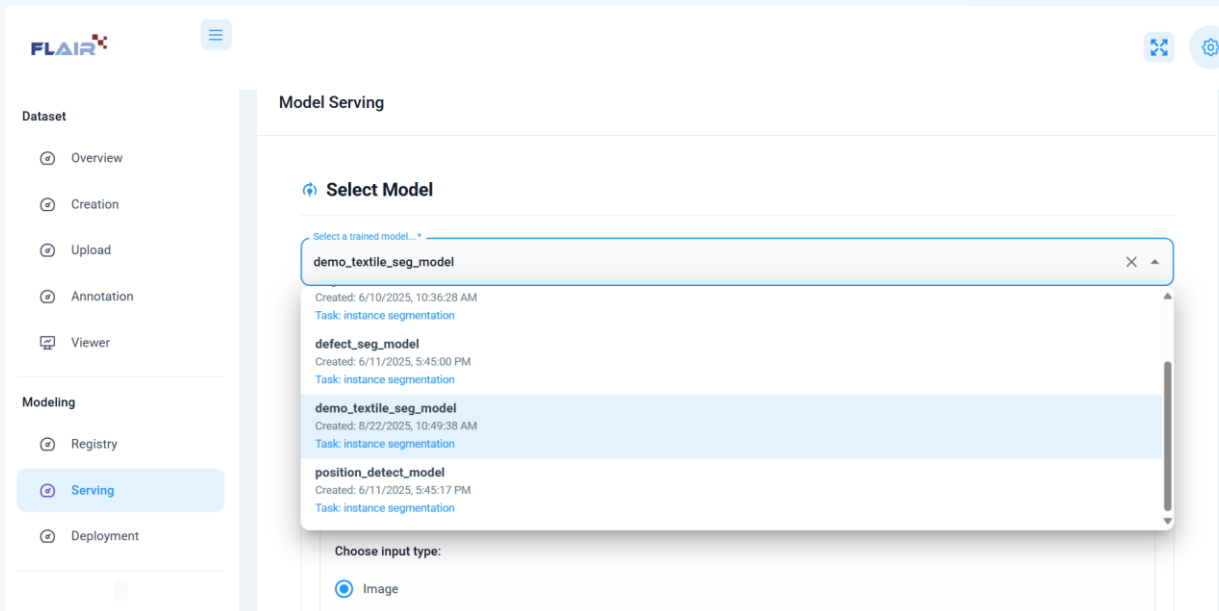
86%

Decrease in
labelling and
deployment time

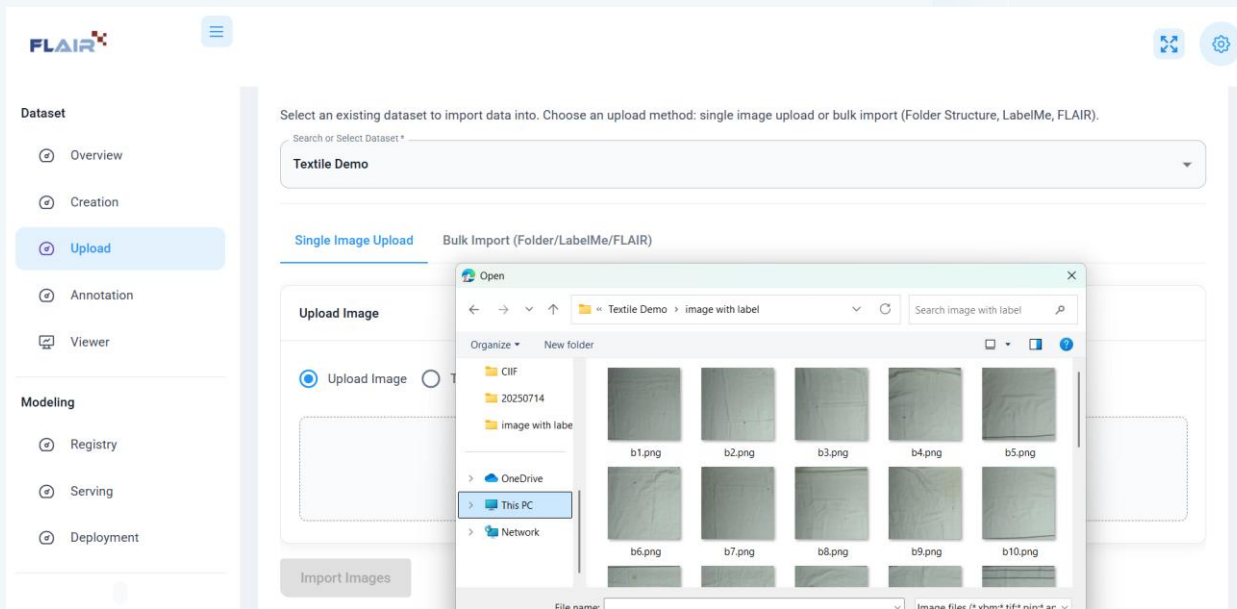
27%

Decrease in
Inspection cost

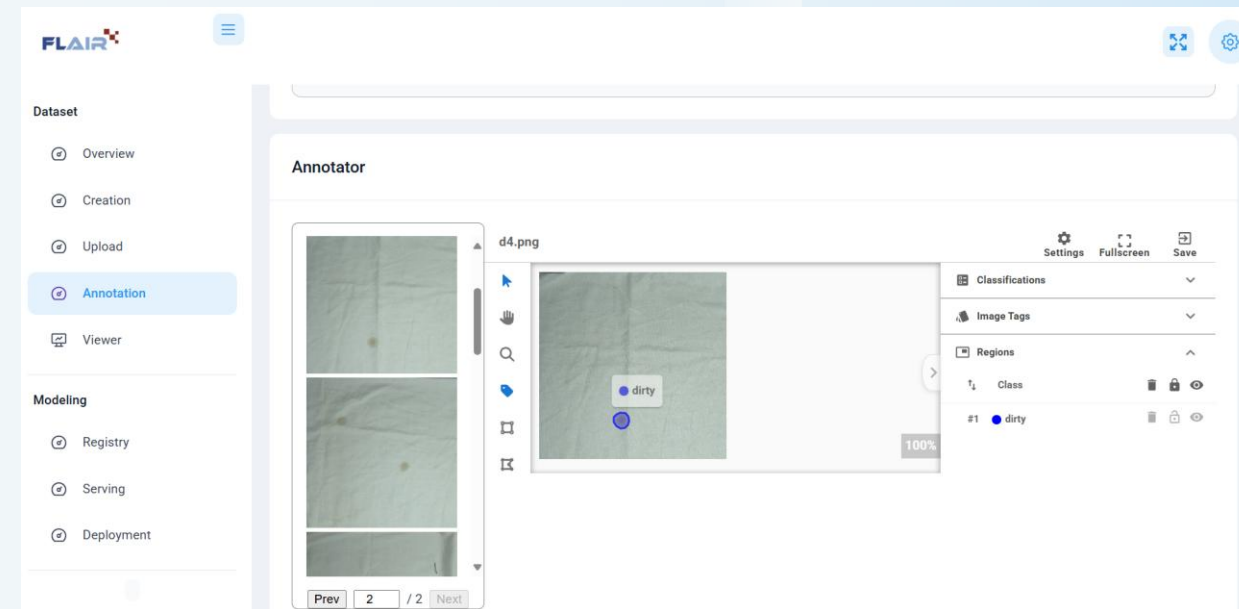
- WISIO provides a codeless online cloud platform tailor made for customized training, serving and deployment, and simplifies the whole process for AI transform.
- Standardize prediction workflow example.



- Standardize training workflow example.
- Dataset preparation: creation and labelling.

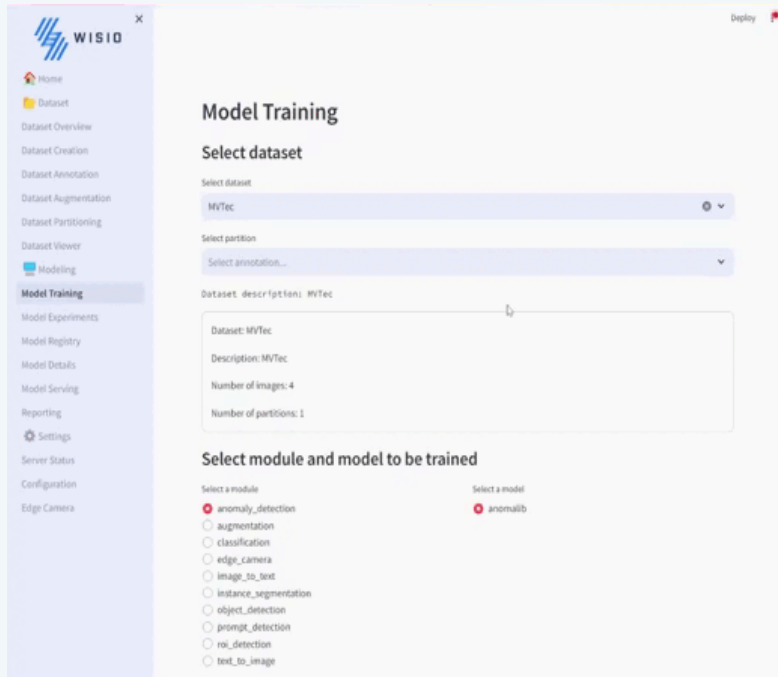


Dataset creation

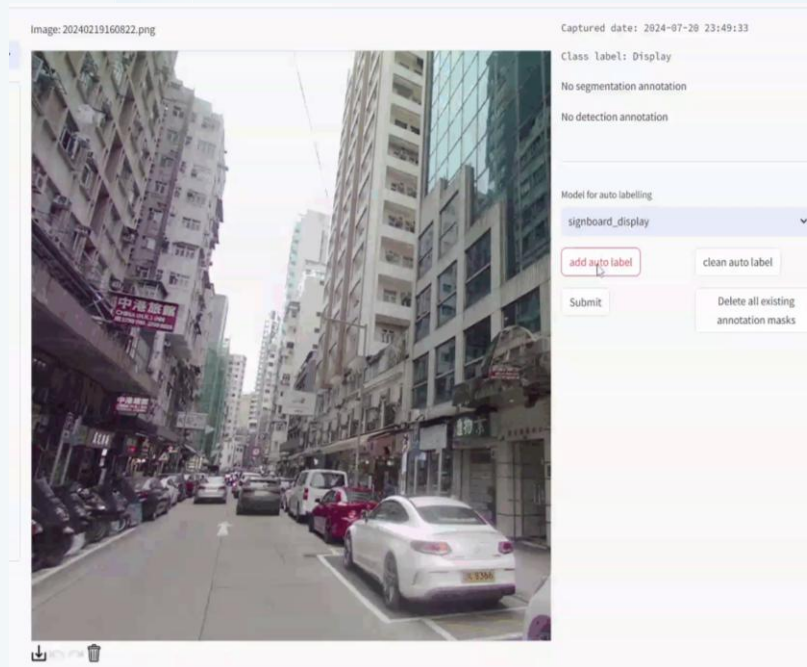


Dataset labelling

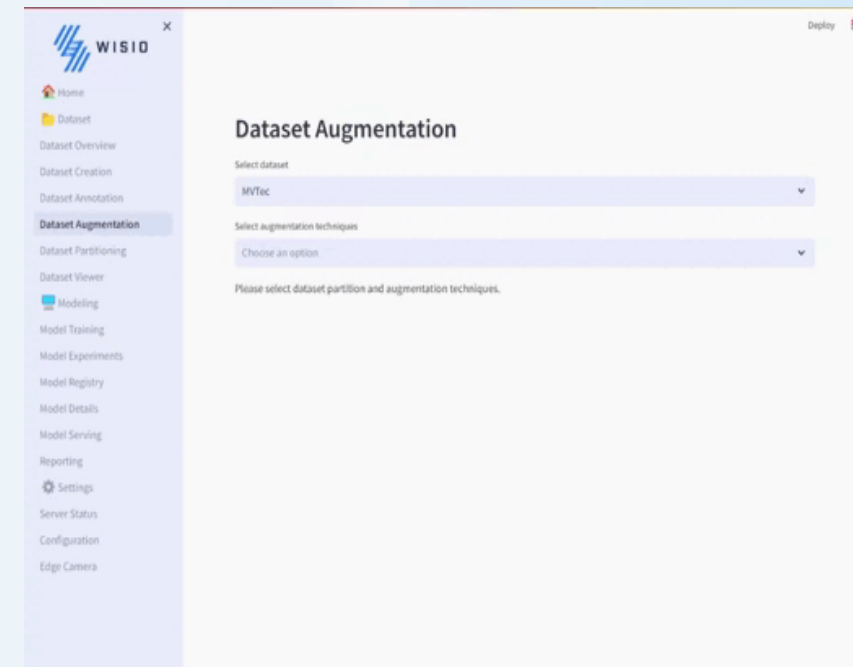
- Standardize training workflow example.
- Model training and advanced functions.



Model training

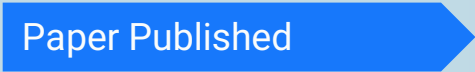


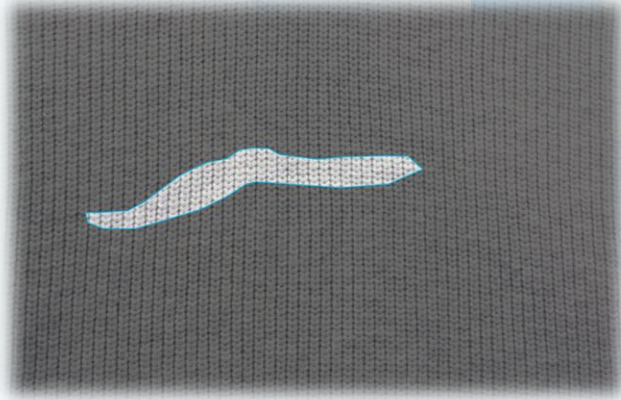
Auto labelling



Data augmentation

Industry Validated Cases

Client Profile	TV, Capacitor, CNC Metal Product Solution Providers	International Plastic / Silicone / OEM Solution Providers
Pain point	<ul style="list-style-type: none"> ➤ Precision manufacturing ➤ Manual inspection for over 25 types of defect 	<ul style="list-style-type: none"> ➤ High-Mix Low-Volume production ➤ Limited data for new product
Technical edge	<ul style="list-style-type: none"> ➤ Auto-Labelling ➤ Unknown defect type identification 	<ul style="list-style-type: none"> ➤ Few-Shot learning ➤ Web-based model training platform
Deliverable	<p>Reduced 86% labelling effort</p> <p>Paper Published </p>	<p>Reduced 90% of new product's model training time</p>



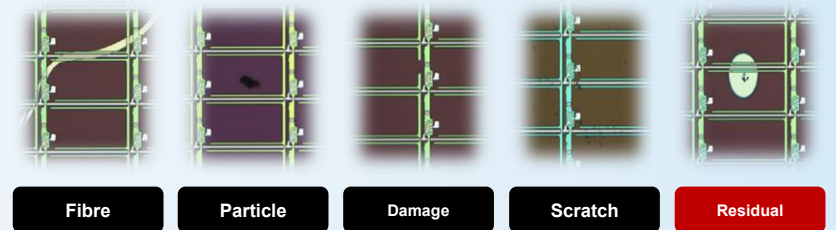
Defect detection



Object counting



OCR



Classification



Hong Kong Industrial Artificial Intelligence and Robotics Centre
香港工業人工智能及機械人研發中心

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