

# WISIO Studio

## Introduction

The Complete Platform for Artificial Intelligence and  
Machine Learning



# WISIO

Home

🏠 Dashboard

Workspace Management

📁 Workspace

📁 Project

📁 Dataset

📁 Version

📁 Image

Asset

⬆ Import

✎ Annotate

🔧 Augmentation

🔄 Train

📊 Status

Model

📁 Hub

▶ Apply

Application

📁 Hub

## Model Serving



Select Model



Configure &amp; Run



View Results

## Select Model

Select a trained model...

Object Detection Model

Model selected successfully

Object Detection Model

object detection

Platform Model

## Upload Media for Object Detection

## Media Input

Choose input type:

☒ Image ☐ Video ☐ Live

Choose input method:

☒ Upload ☐ Web Camera ☐ External Camera ☐ Hardware System

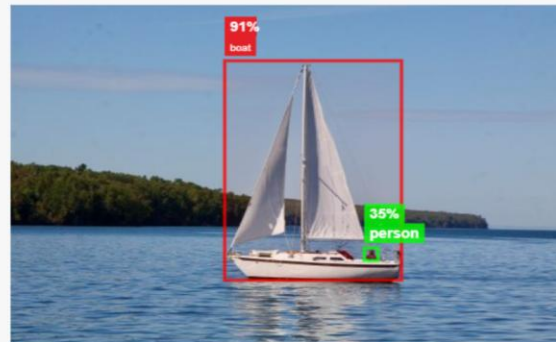
Drop images here or click to select  
Supports JPG, PNG, JPEG, WebP images

Paste (Ctrl+V) supported!

## Detection Result

Side by Side

Sailboat Types, 1.jpg 2 Images



Overview Detection Statistics

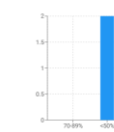
Category Distribution



person: 1 (35%)

boat: 1 (91%)

Confidence Distribution



Detection Summary

2

Total Detections

2

Categories Detected

0

High Confidence (90%+)

Export

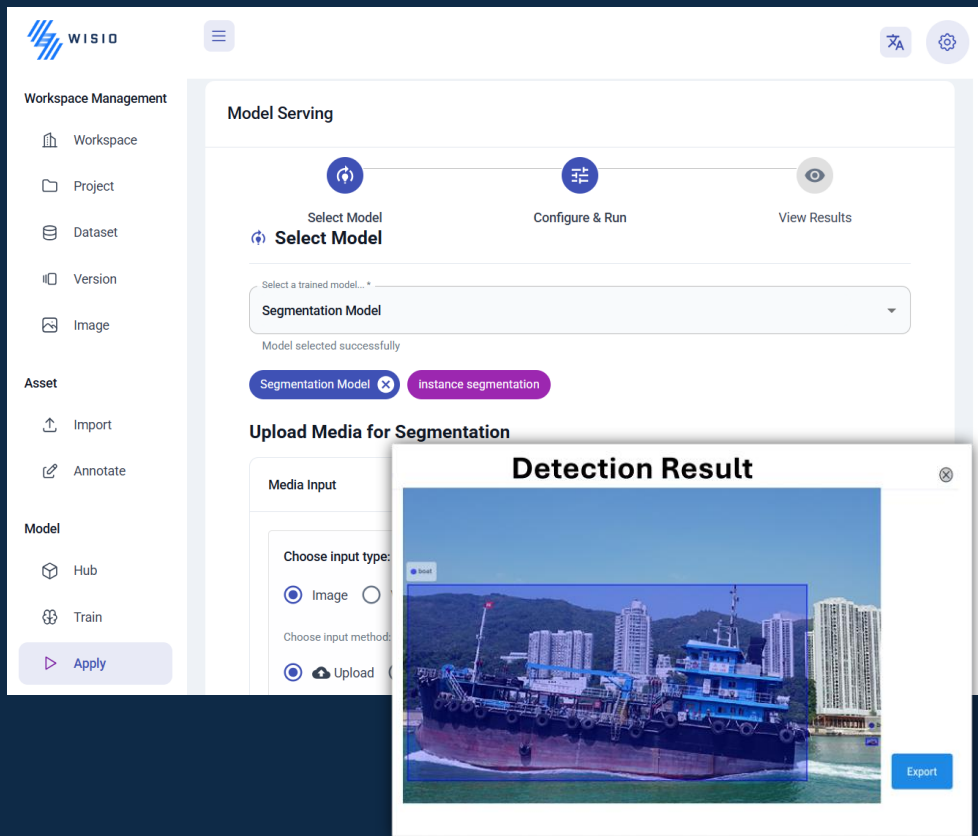
Image 1 of 1

Fullscreen Close

# Introduction

WISIO Studio is a cloud-based platform designed to help users streamline the entire AI/ML workflow from data collection and annotation to model training and deployment. The platform offers tools for user and workspace management, dataset management including annotation and augmentation, and on-demand ML model training and serving.

WISIO Studio is designed for individuals and organizations, offering an online and offline deployment for advanced AI solution capabilities.



# Everything You Need for AI Success

From data management to model deployment, WISIO Studio provides all the tools you need in one integrated platform

- ✓ Complete AI/ML workflow management
- ✓ Multi-format dataset support
- ✓ Advanced annotation tools with category management
- ✓ Intelligent project classification with tags
- ✓ Team collaboration features
- ✓ Version control for datasets

# WISIO Studio Key Features



## Smart Organization

Manage organizations, workspaces, projects, datasets, and dataset versions



## Multi-Media Assets

Import, organize, and annotate images, videos, audio, and text assets



## AI Model Management

Train, track, and deploy both pre-trained and custom AI models



## Team Collaboration

Invite team members, assign roles, and manage permissions

# Why Choose WISIO Studio?



## Fast & Intuitive

Get started in minutes with our user-friendly interface



## Cloud-Native

Scalable infrastructure that grows with your needs



## Enterprise Security

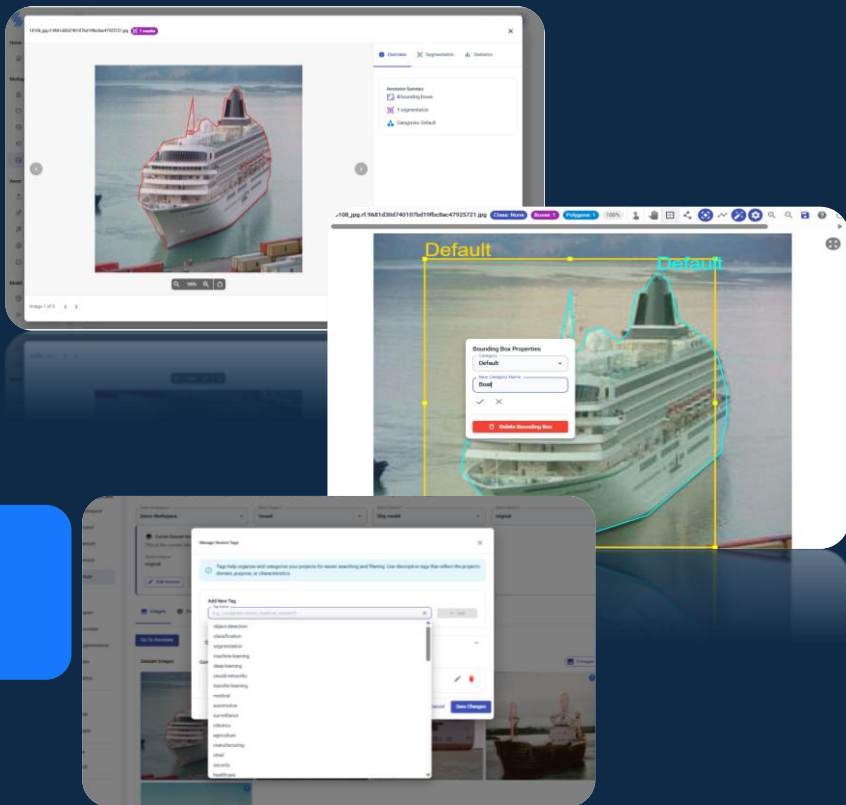
Industry grade security for your AI projects and data



## High Performance

Optimized for large datasets and complex models

# Smart Classification & Management



- **Hierarchical Categories**

Project-level annotation categories with intelligent inheritance

- **Multi-level Tagging**

Categorize projects, datasets, and versions with cascading tags

- **Quick Add Suggestions**

Pre-categorized category and tag suggestions by domain type

- **Dynamic Creation**

Create categories on-the-fly during annotation workflow

# Auto annotation powered by AI

- **Smart Bounding Boxes**

Precise rectangular annotations with edge snapping

- **Advanced Polygons**

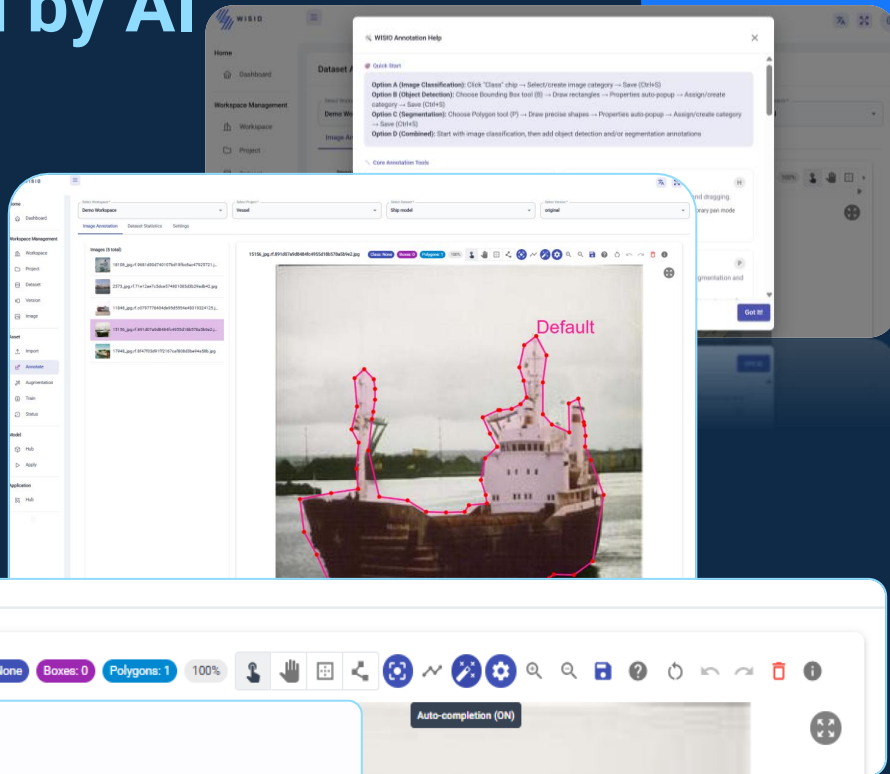
Auto-trace technology follows image edges

- **AI Auto-Completion**

Intelligent polygon completion with pathfinding

- **Auto-labelling**

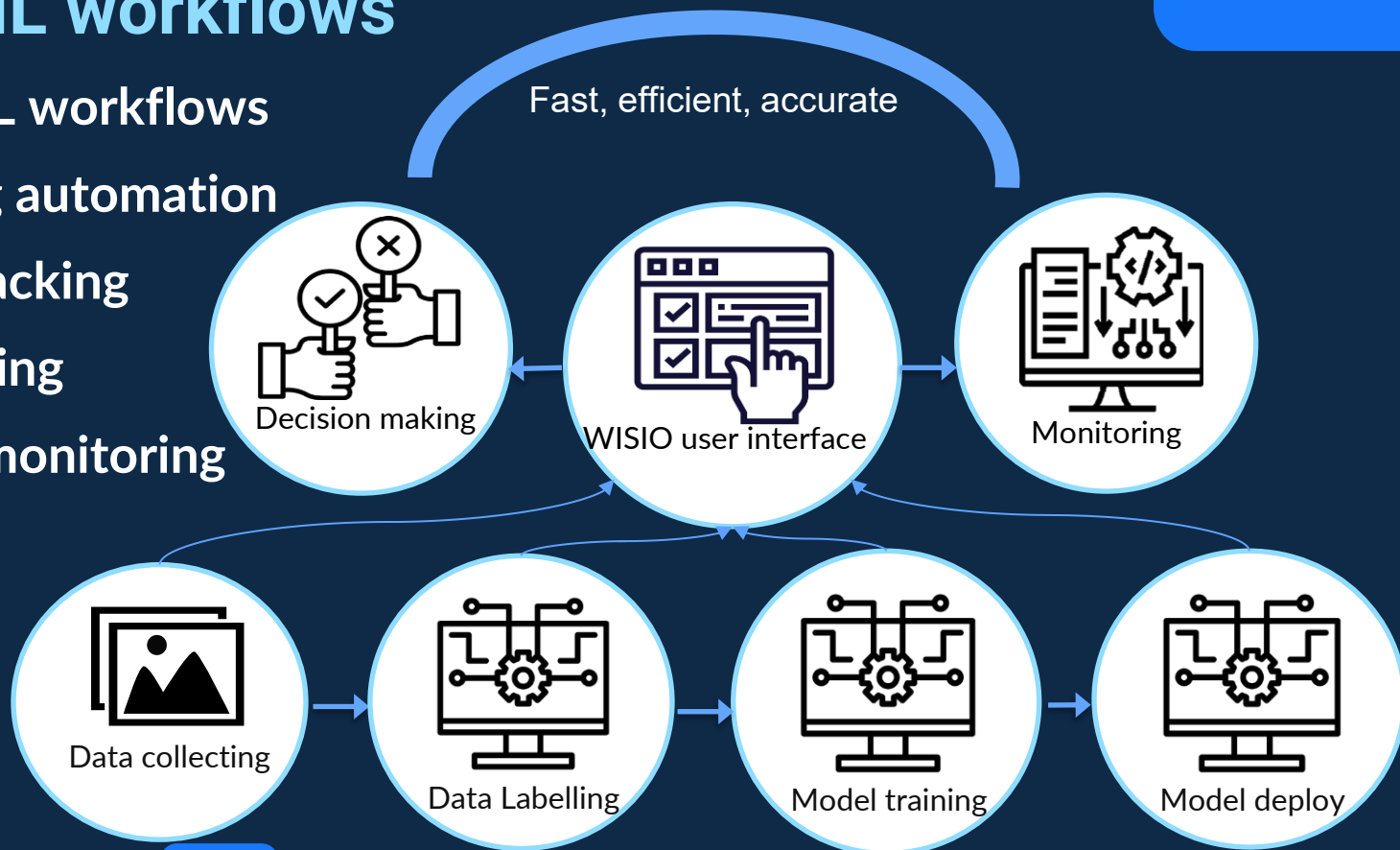
Auto-label objects by 1 click





# Automate ML workflows

- End-to-end ML workflows
- Model training automation
- Experiment tracking
- Model versioning
- Performance monitoring

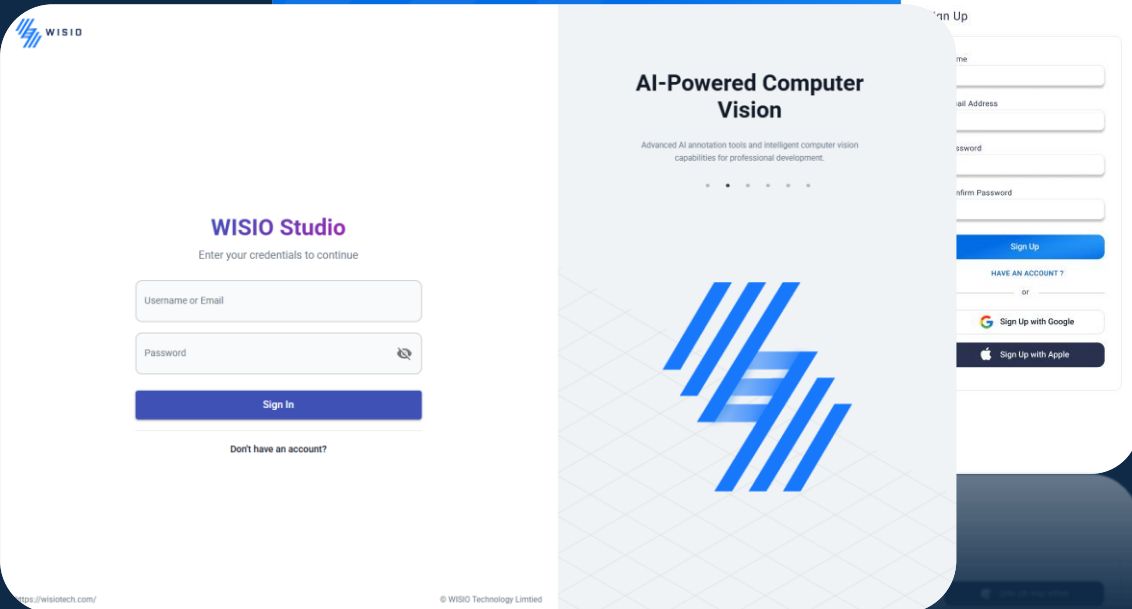


# Functionalities



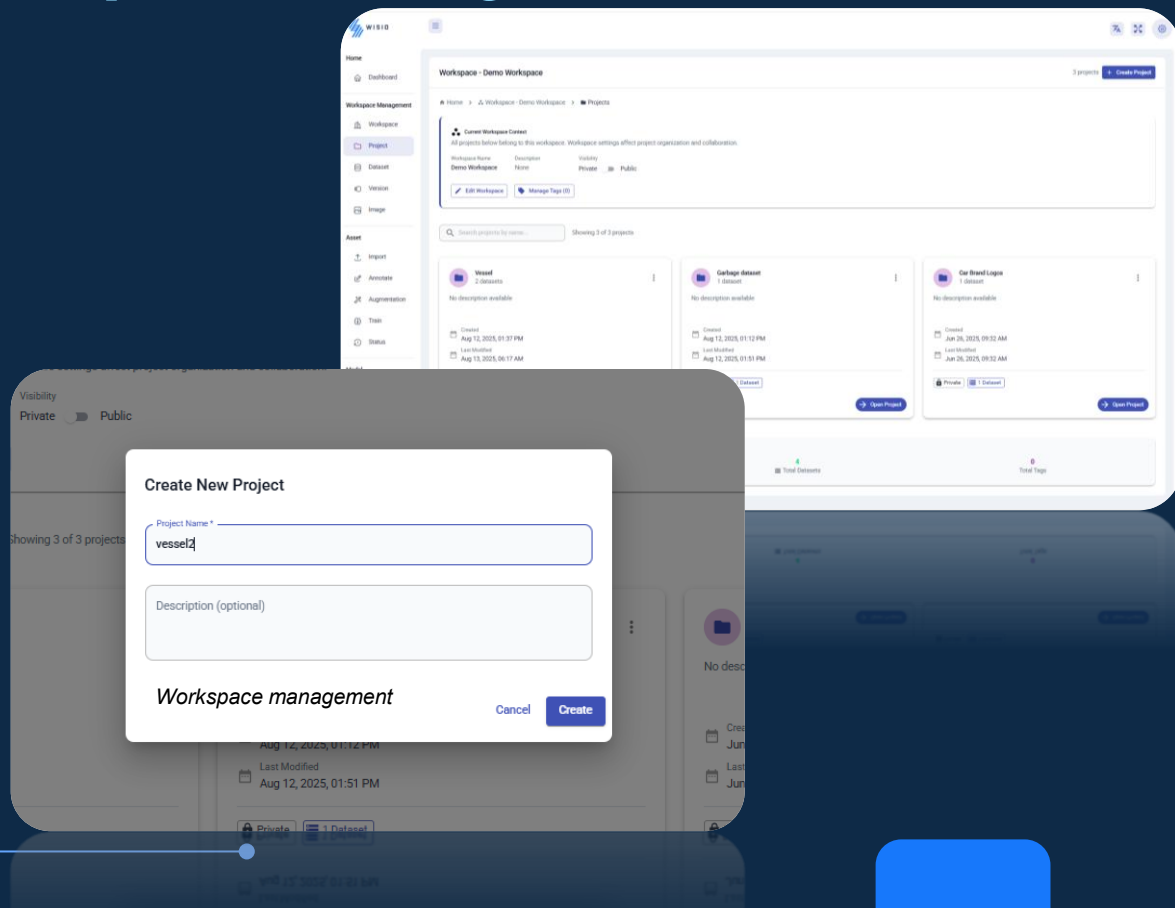
# User Management

- Individual and organizational user registration, login, and profile management.



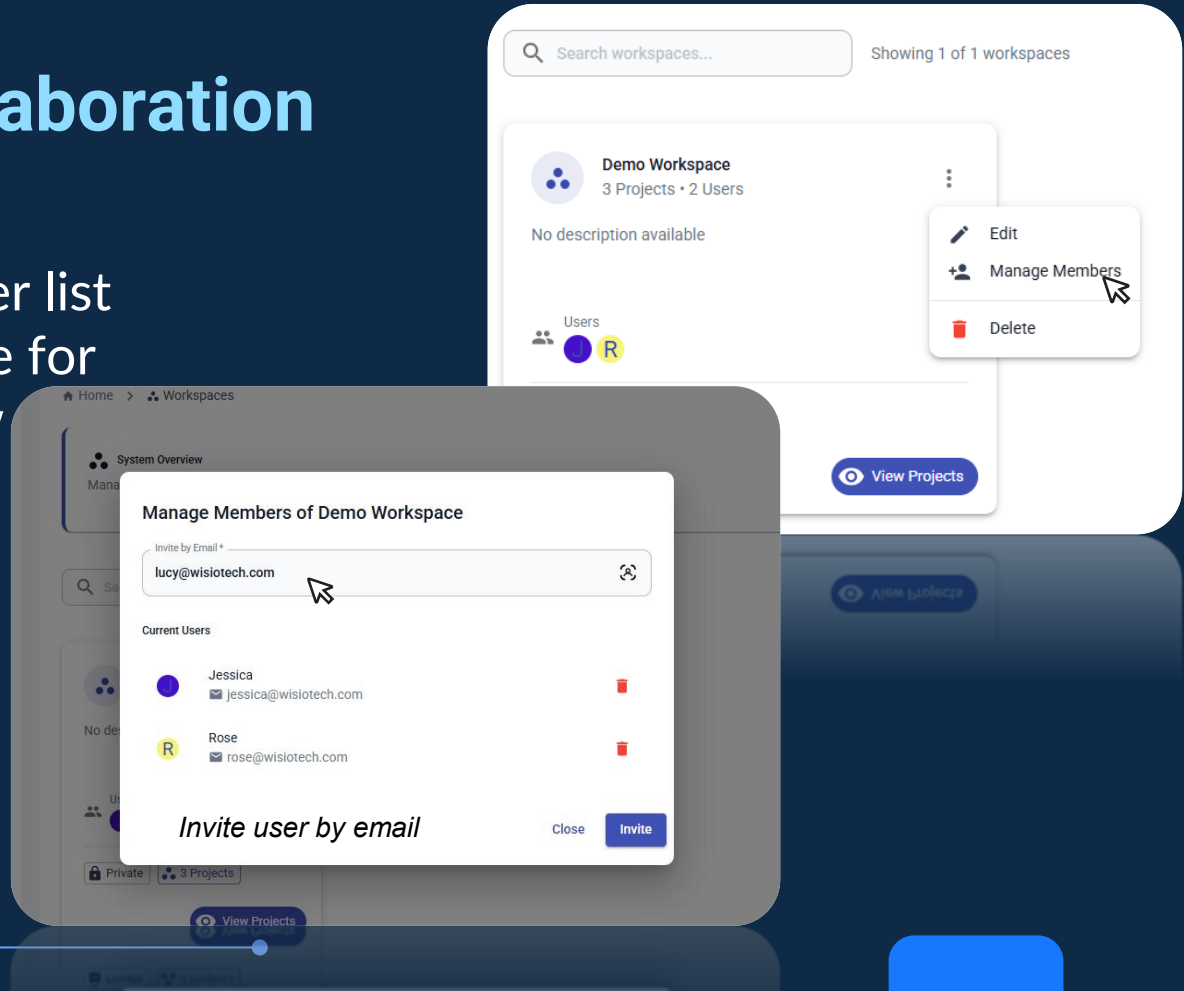
# Workspace Management

- Create, view, edit, workspace profile management for user's own project or for organization project.
- Detailed overview for all available projects.



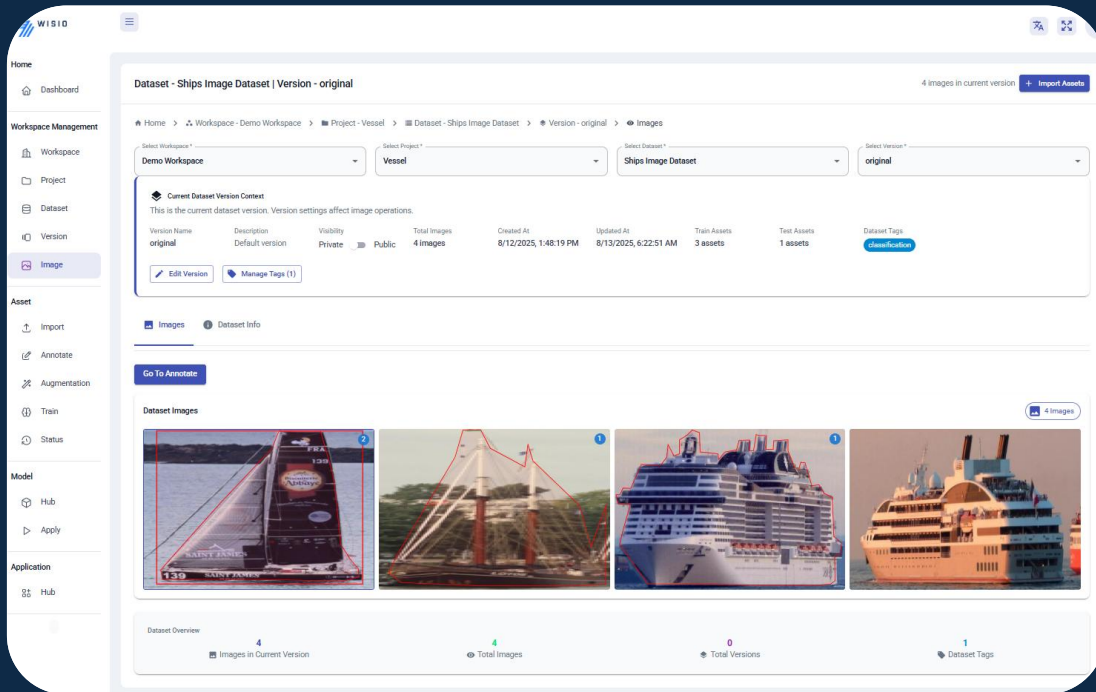
# Workspace Collaboration

- Organizational users invitation and member list management. Flexible for project and workflow management.



# Dataset Management

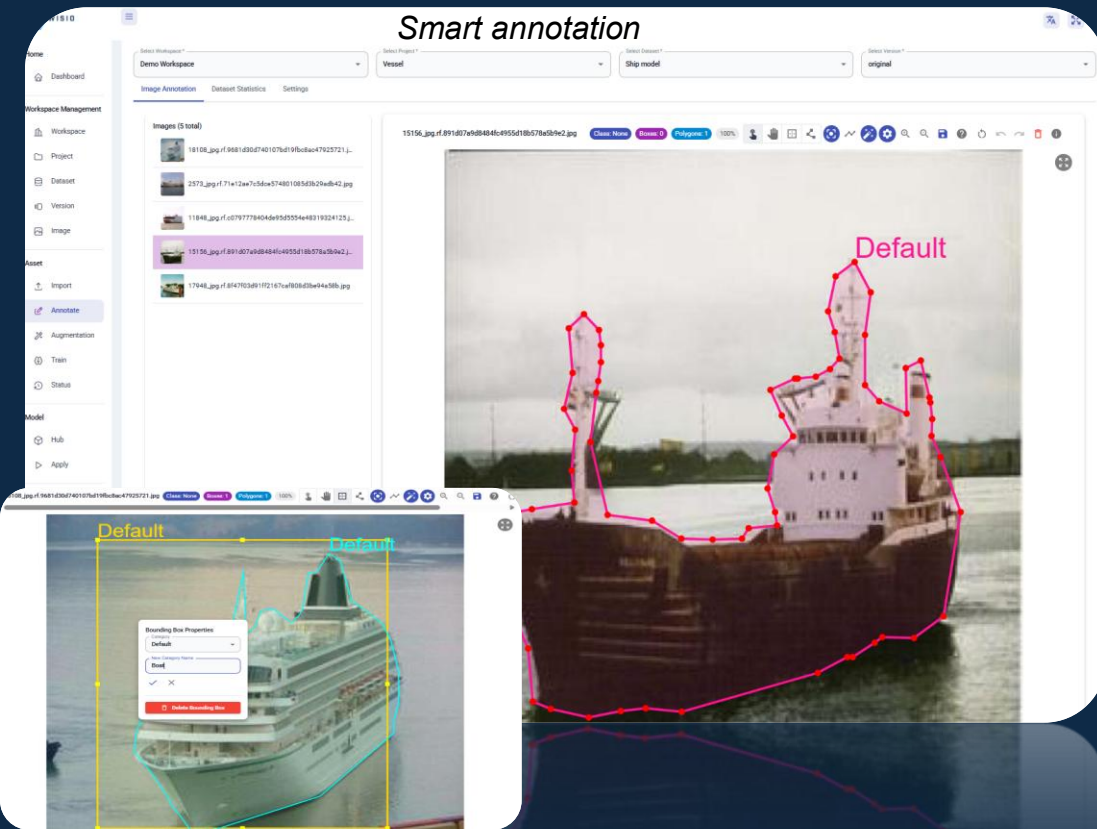
- Straightforward image dataset management, easily upload from personal device or organizational device.
- WISIO Nexus(Offline version) offers safer protection of data.



# Dataset Annotation-powered by AI

## Data Annotation:

- Supports multiple annotation formats (Bounding Box, Polygon, Segmentation, etc.).
- Provides **AI-assisted** annotation tools to reduce manual workload (Auto-labelling).
- Team collaboration features with real-time tracking of annotation progress.



# Dataset Version Control

- Clear and easy track changes in a datasets over time.
- Prepare data versions for model training and serving.
- Multiple users can work on the same dataset, with version control ensuring consistency.

The screenshot displays the WISIO dataset management interface. The main panel shows the 'Dataset - Ships Image Dataset' with a '1 version' indicator and a 'Create Version' button. Below this, the 'Current Dataset Context' is shown, including the dataset name 'Ships Image Dataset', description, and visibility settings (Private/Public). A 'Search versions...' input field is present. The 'Version Details' panel on the right shows a 'New Version Name' field with 'new' entered and a 'Description (optional)' field. Below this, the 'Dataset Images' section shows '2 of 4 images selected' with a table of image details.

Select	Preview	Image Name	Class
<input checked="" type="checkbox"/>		ADDICTIF-SOLO-SAILOR.jpg.rf.4c316046662905f681274931ef73e130.jpg	N/A
<input checked="" type="checkbox"/>		Abel-Tasman.jpg.rf.9bcd8f1e1c7b03d8c11d267a79a72326.jpg	N/A
<input type="checkbox"/>		ADAMANTIOS-KORAI&S_&mp_MSO-VIRTUOSA.jpg.rf.d47e0206401395ef18561cad075f0bf4.jpg	N/A
<input type="checkbox"/>		ADAMANTIOS-KORAI&S-LE-LYRIAL.jpg.rf.d479d5ef676730699cd058b7fb130c17.jpg	N/A

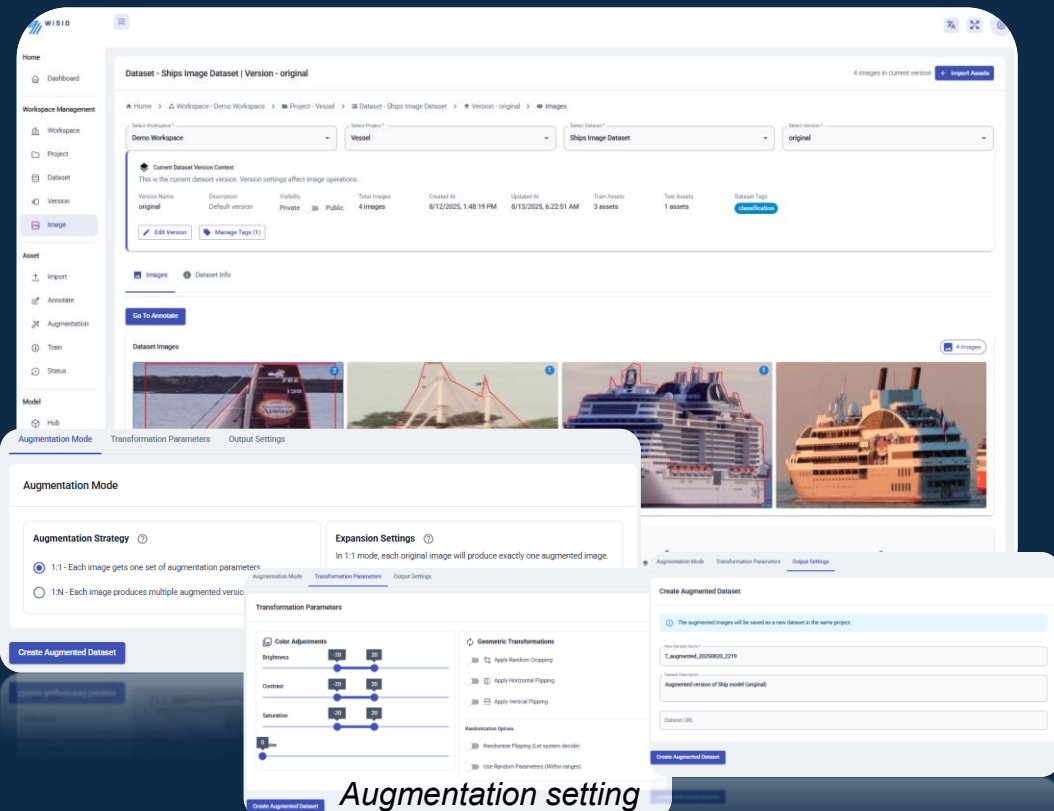
At the bottom of the 'Version Details' panel, there is a 'Create New Version' button. The text 'Version setting' is overlaid on the bottom right of the interface.



# Dataset Augmentation

## Data Augmentation:

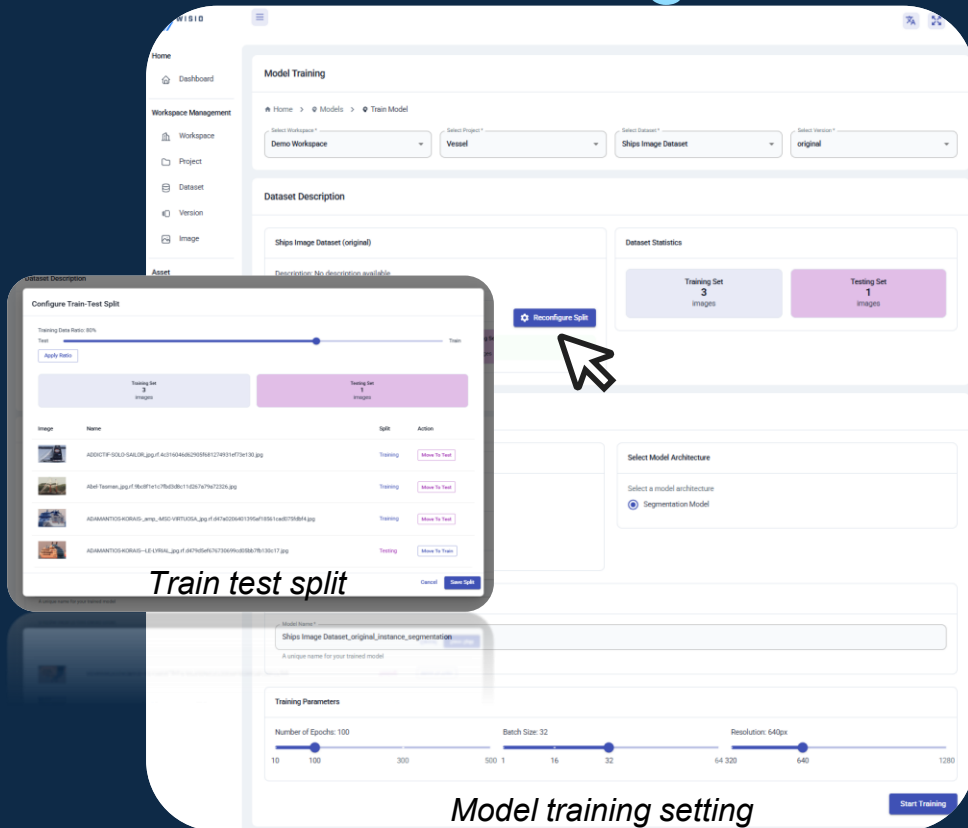
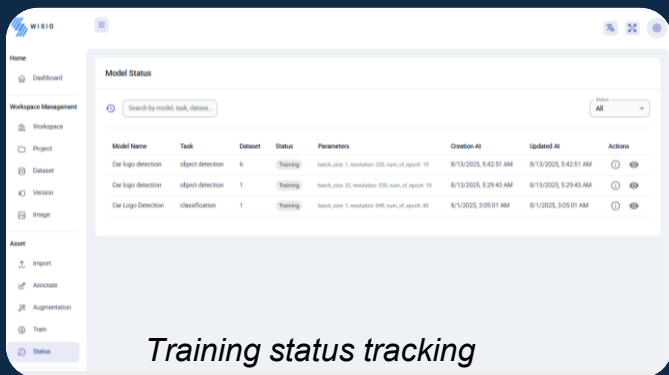
- Offers cutting-edge augmentation techniques.
- Supports custom augmentation pipelines to meet the needs of different application scenarios.
- Enables large-scale batch processing to improve efficiency.



Augmentation setting

# On-Demand ML Model Training

- WISIO Studio offers On-Demand ML Model Training, users can freely visualize model parameters, train their own models, track training status and fulfil their ultimate need.



# Model Apply

- Users can apply pretrained models easily in working environment.
- Maintain historical records of the saved serving result .

**Choose image to apply model**

**Detection result**

**Detection result analytics**

**Result visualization**

**Confidence Distribution**

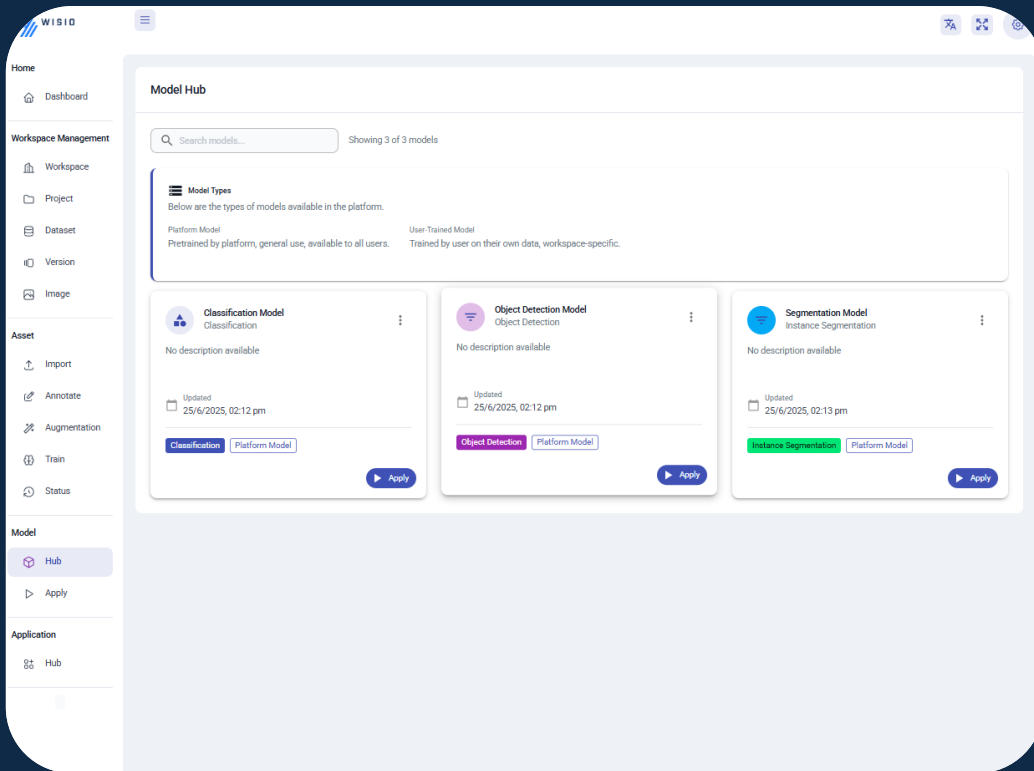
Category	Confidence
boat	81%
person	35%
person	35%

**Bounding Boxes**

Box #1	Box #2
Top Left: (267, 57)	Top Left: (332, 246)
Bottom Right: (267, 281)	Bottom Right: (345, 261)
Width: 166	Width: 13
Height: 224	Height: 13
Rotation: 0°	Rotation: 0°
Confidence: 91%	Confidence: 35%

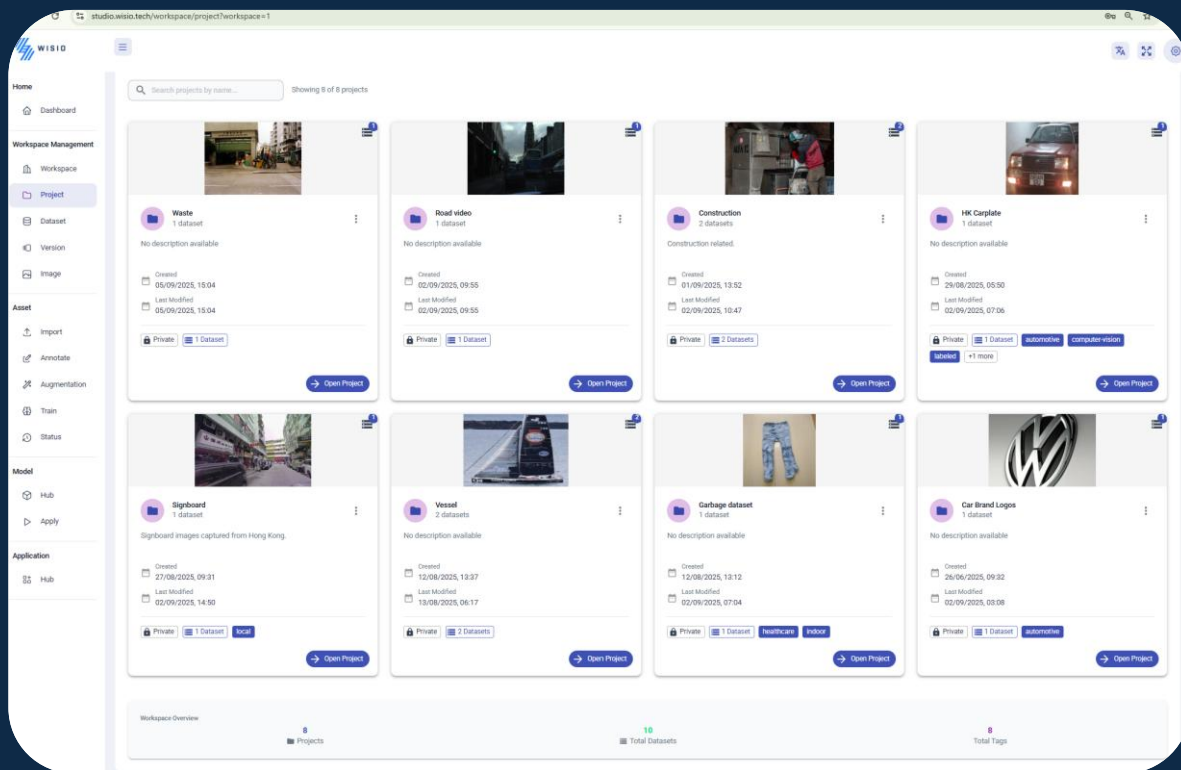
# Model Hub

- WISIO Studio offers tremendous cutting-edge AI models for users to explore. Makes AI within reach.



# Database Hub

- WISIO Studio offers tremendous database for users to explore. Especially, our database hub includes Hong Kong local datasets to explore.



# Deployment Options



## WISIO Studio

**Full-featured cloud platform**  
Collaborative tools, scalable infrastructure, and managed services for teams and organizations.



## API Integration

**Connect via RESTful APIs**  
Prepare datasets and train models in the cloud, then deploy via API to your existing systems.



## WISIO Go

**Standalone desktop application**  
Complete workflow from data collection to model deployment on your PC, perfect for individual use.

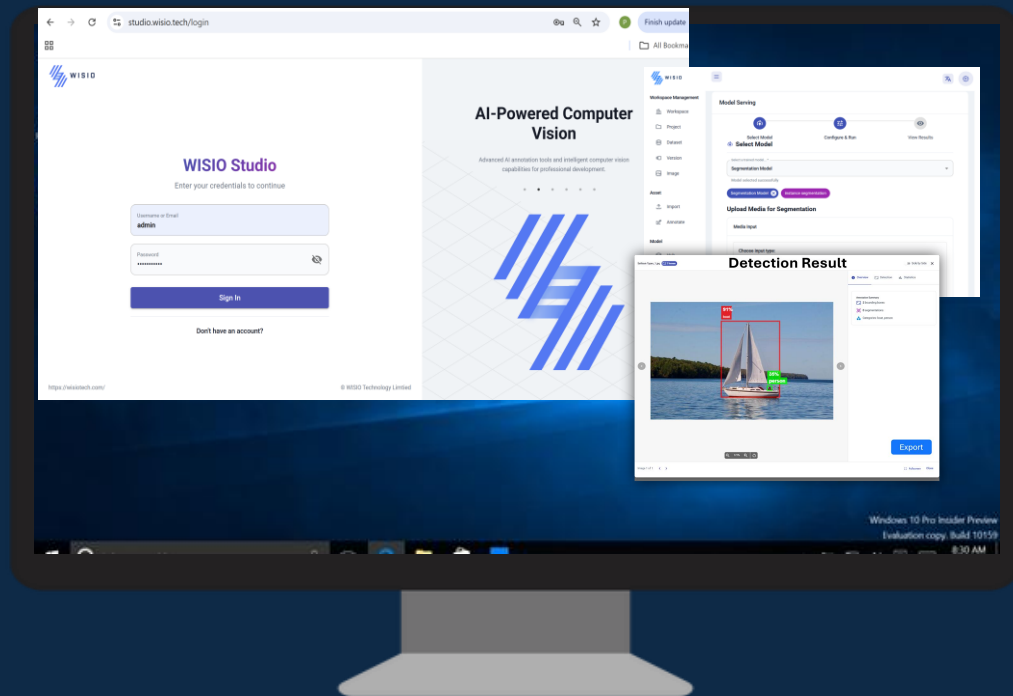


## WISIO Nexus

**Enterprise on-premises deployment**  
Full system hosted on your infrastructure with complete control and security for large enterprises.

# WISIO Product Line

- Cloud-based WISIO Studio



Offline:

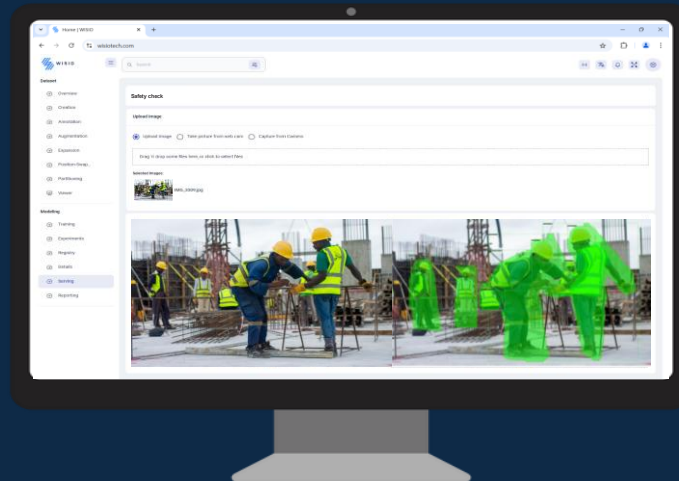
- WISIO Nexus
- WISIO Desktop



WISIO Nexus

By industry:

- WISIO Go / WISIO Safe





WISIO TECHNOLOGY LIMITED

銳思智視科技有限公司

[www.wisiotech.com](http://www.wisiotech.com)



WhatsApp



LinkedIn



Website



Wechat



Wechat Public