



Annotation Platform
AIMMO Enterprise



Introducing AIMMO

Data platform for ML and AI

AIMMO is a leading data labeling service provider in Korea.
We help a wide range of companies generate training data.

1

Largest service provider
in Korea

60%

More than 60% engineers
Tech-intensive company

40+

More than 40 partners
Experienced in all domains

A photograph of a busy highway with many cars, overlaid with a purple banner containing the text "Autonomous Driving".

**Autonomous
Driving**

A photograph of a dictionary page, overlaid with a purple banner containing the text "OCR".

OCR

A photograph of two surveillance cameras, overlaid with a purple banner containing the text "Smart Surveillance".

**Smart
Surveillance**

AIMMO Enterprise

The easiest, strongest web-based annotation platform

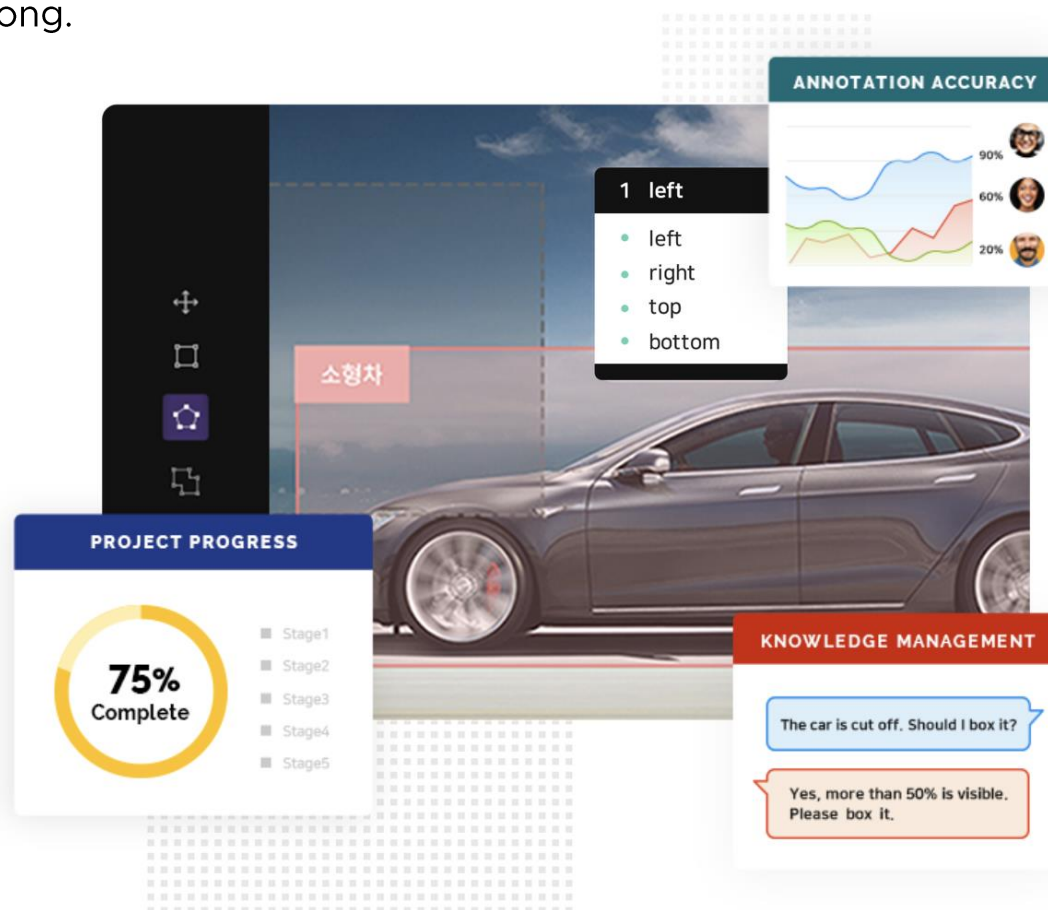
AIMMO Enterprise is a web-based, self-serve solution for data annotation. Its intuitive UI is easy to use but the tools are strong.

No installation

No platform fee

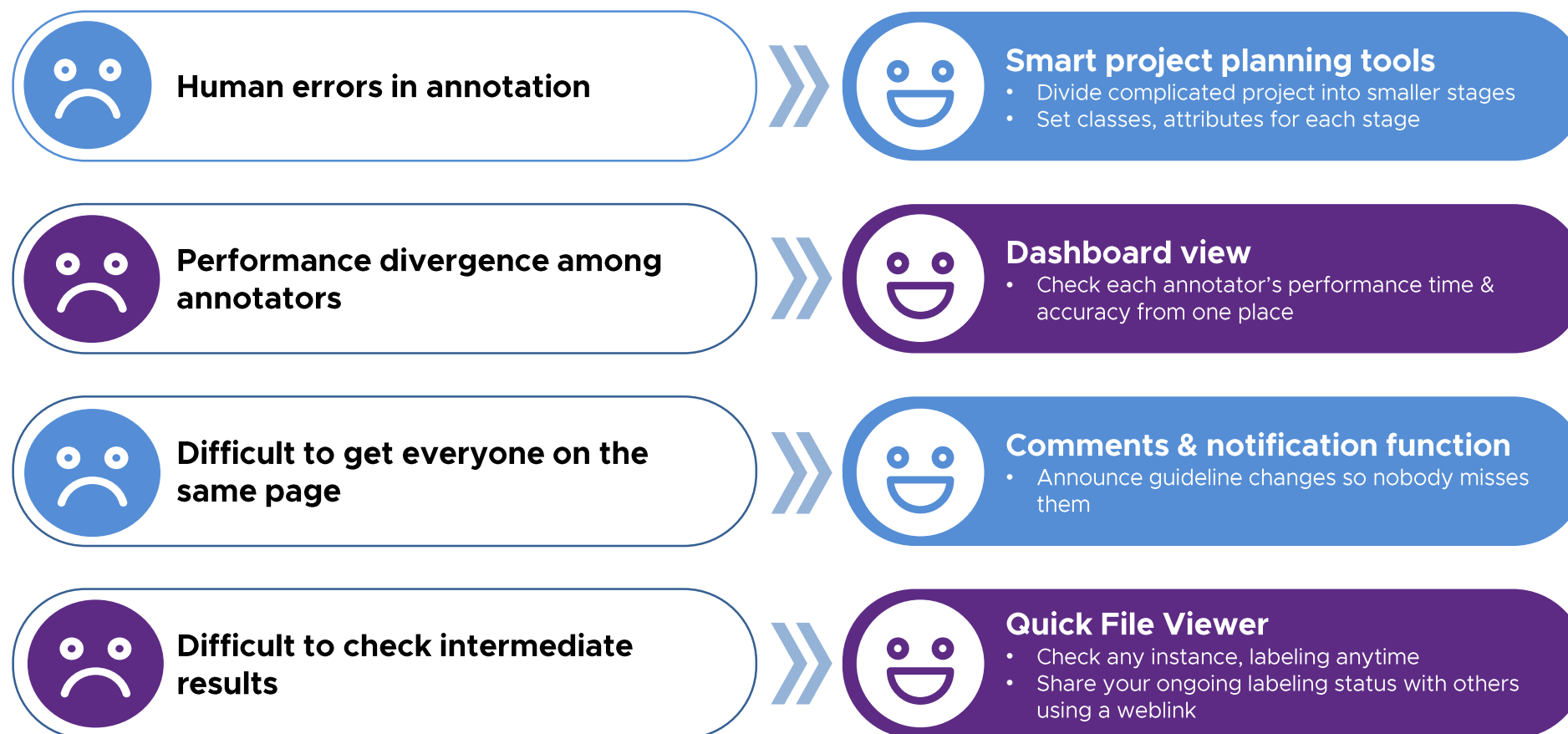
No coding skills required

- ✓ Workflow design for easy project management
- ✓ Analytics tools for maximum productivity
- ✓ Built-in communication tools make it easier to collaborate



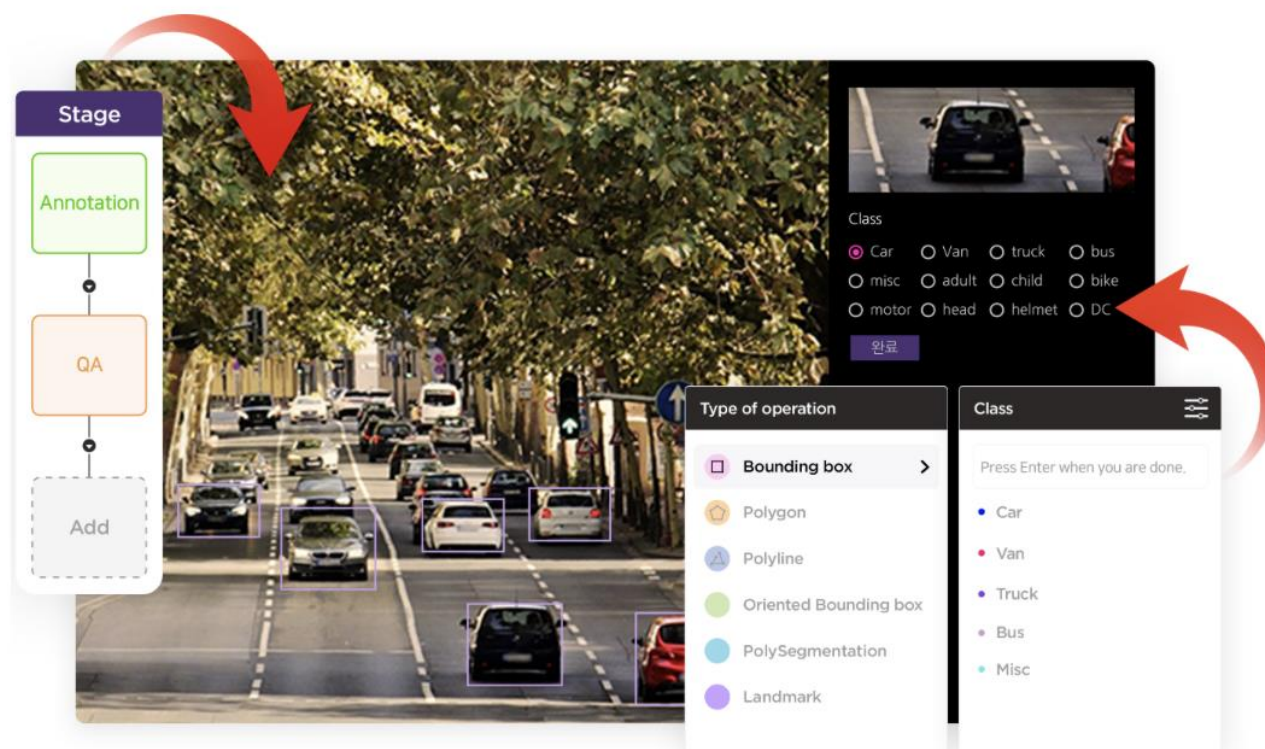
AIMMO's effective problem solving

How to solve your annotation problems using AIMMO Enterprise



Workflow design for project management

Design your project as you see fit



Supports workflow design with multiple stages

Instead of one big complicated task, you can divide your project into 1-4 stages where each stage is fully configurable.

Easy to use UI with possibility for complex designs

Choose who gets involved in each stage. Create any class, attribute you need.

Powerful communication tools

Built-in communication tools make collaboration easy

Real time communication

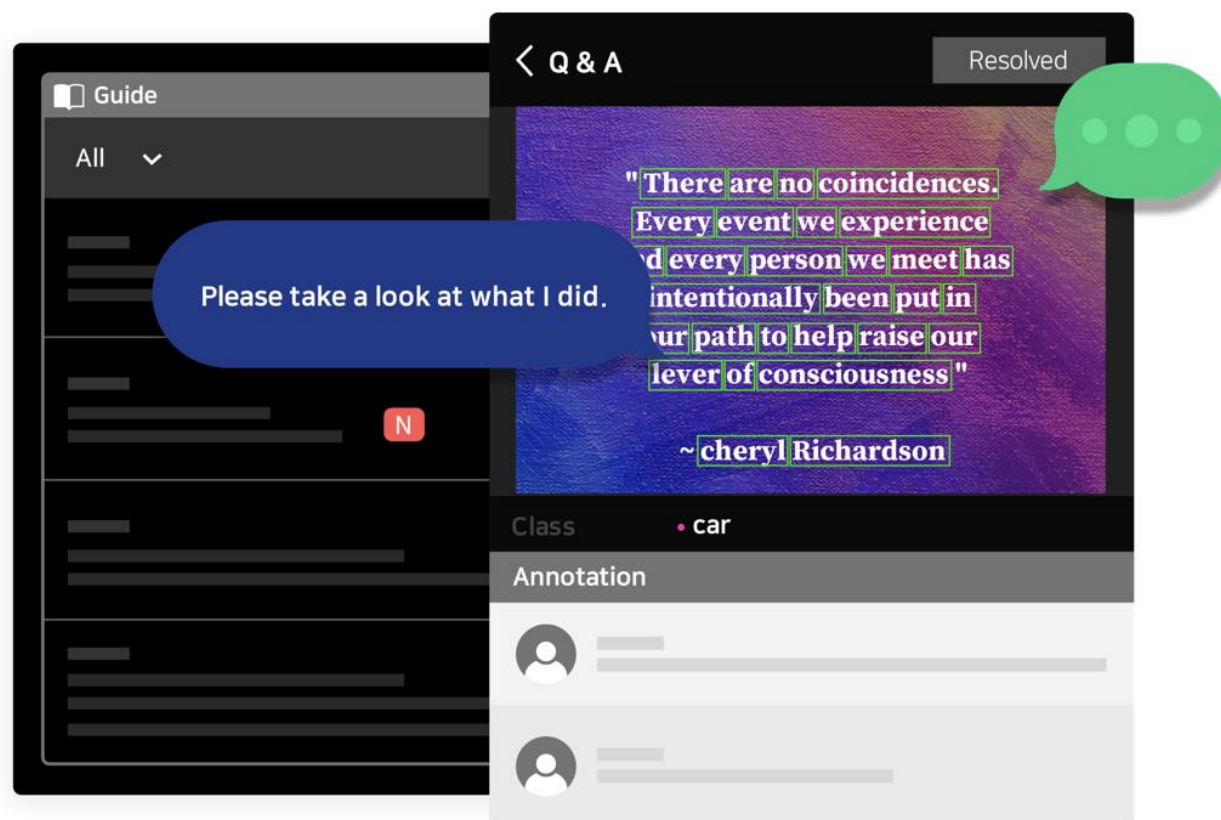
Leave a comment in any data, or label.
Exchange comments with labelers in real-time.

Visual communication tools

Reviewers don't need to explain in words – make the correct annotation and the labeler can compare the annotations side to side.

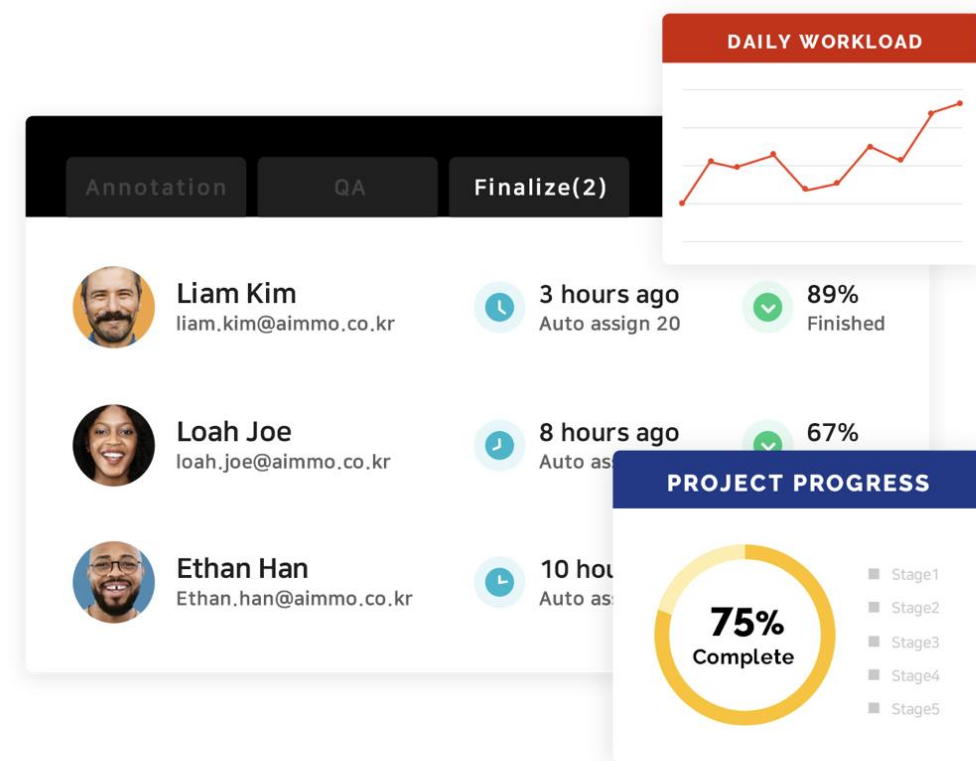
Sharable project link

Easily share your project status with the outside using a web link leading to an instant overview of the project.



Get maximum efficiency

Analytics and workforce management functions for maximum productivity



Real-time analytics

Monitor your project from one place. Dashboard shows annotation progress, each annotator's hours worked and accuracy.

Automatic or manual assignment

Automatic task assignment makes your job easy. Or you can optimize annotator assignments using powerful analytics tools. Assign annotators based on work history for maximum efficiency.

Quick File Viewer

Manage your dataset like you manage your computer folders and files. Plus, use our Quick File Viewer to skim through the annotation and edit right away.

Ensure accuracy

Systemic guide to boost annotation accuracy

Easily update and share your annotation guidelines

Post your annotation guide in words and images. Labelers get notified of any changes you make to the guide.

Integrated error prevention system

Labelers can find the annotation guide on screen anytime, anywhere.

You can control access to classes and attributes, reducing the chance of human error.



Annotation Tools

AIMMO Enterprise supports various annotations and sensors



**Sensor Fusion
Cuboids**



**Sensor Fusion
Segmentation**



Video Annotation



**Semantic
Segmentation**



Face Landmark



**Natural Language
Processing**



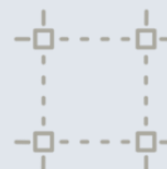
2D Boxes



Polygons



3D Cuboids



Lines & Splines



Skeletons



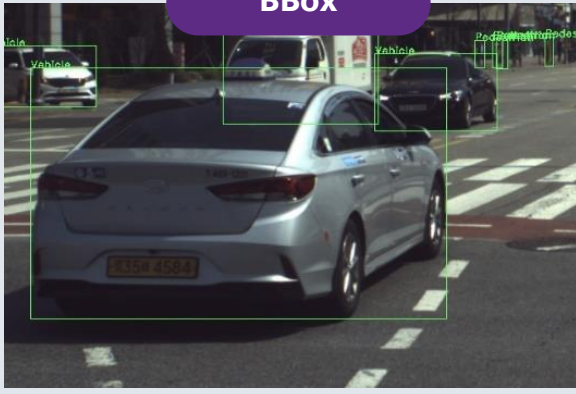
**Voice
Recognition**

AIMMO continues to develop more annotation tools. Please check out the link below for our latest tools.

Get early access at cloud.aimmo.ai

AIMMO AI assist Autonomous Driving

BBox



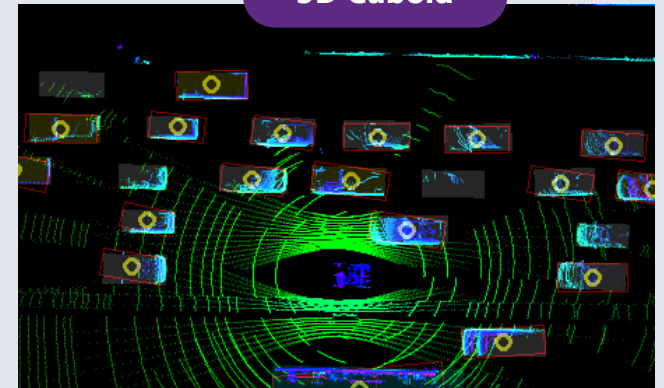
MAP 0.74
work time reduction by 90%
7,200 images / an hour

OCR



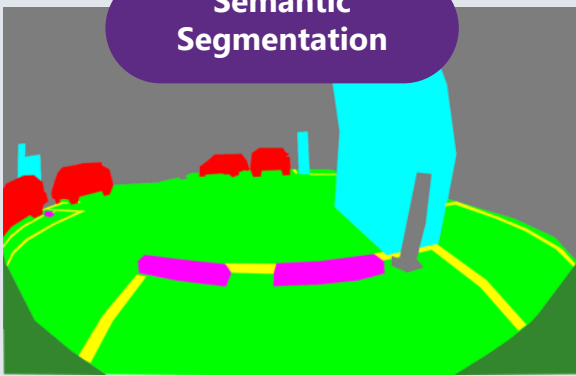
Developing alpha model
for KR/EN/CN/VN/TH
A4 font print image
28,800 image / an hour

3D Cuboid



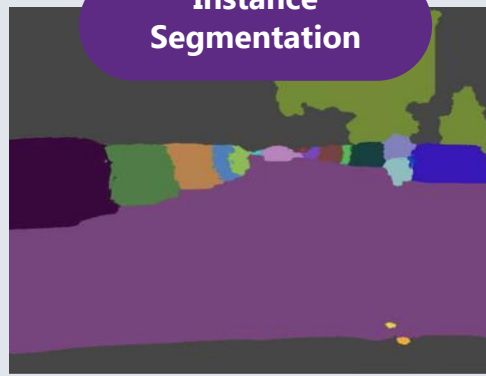
Recall-oriented model completed.
Time reduction by 50%
18,000 frames / an hour

**Semantic
Segmentation**



18,000 images / an hour (200ms)
1024 x 2048 x 3 image

**Instance
Segmentation**

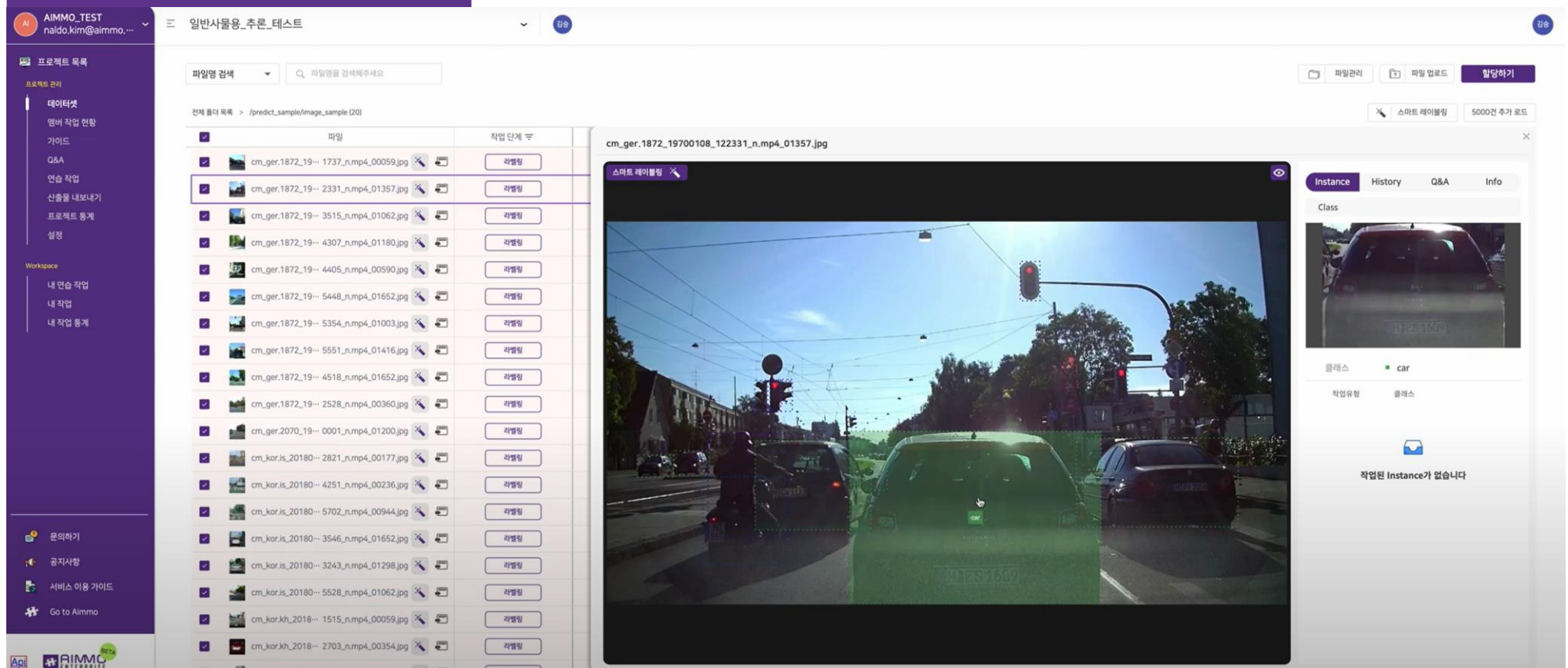


7,200 images / an hour (500ms)
1024 x 2048 x 3 image

AIMMO AI assist on AIMMO Enterprise™

- Deep learning-based smart labeling tools
- Pre-trained models for universal objects – Bbox, Polygon, Semantic Segmentation
- Model customization available for various objects and annotation types – including 3D cuboids

Click on the image to play video.



The screenshot displays the AIMMO Enterprise web interface. On the left is a purple sidebar with navigation links for '프로젝트 목록' (Project List), '데이터셋' (Dataset), '멤버 작업 현황' (Member Work Status), '가이드' (Guide), 'Q&A', '연습 작업' (Practice Work), '신호를 보내내기' (Send Signal), '프로젝트 통계' (Project Statistics), '설정' (Settings), 'Workspace', '내 연습 작업' (My Practice Work), '내 작업' (My Work), and '내 작업 통계' (My Work Statistics). At the bottom of the sidebar are links for '문의하기' (Inquiry), '공지사항' (Notice), '서비스 이용 가이드' (Service Usage Guide), and 'Go to Aimmo'.

The main area shows a file list under the heading '일반사용용_추론_테스트' (General User Inference Test). The list has columns for '파일명' (Filename) and '작업 단계' (Work Step). The selected file is 'cm_ger.1872_19-- 2331_n.mp4_01357.jpg'. Below the list is a video player showing a street scene with a green car in the foreground and a motorcycle on the left. The video is titled 'cm_ger.1872_19700108_122331_n.mp4_01357.jpg'. On the right side of the video player, there is a '스마트 레이블링' (Smart Labeling) panel with tabs for 'Instance', 'History', 'Q&A', and 'Info'. The 'Instance' tab is active, showing a 'Class' dropdown set to 'car' and a '작업유형' (Work Type) dropdown set to '클래스' (Class). Below these, it states '작업된 Instance가 없습니다' (No worked Instance).

AIMMO AI assist process

AIMMO AI assist model

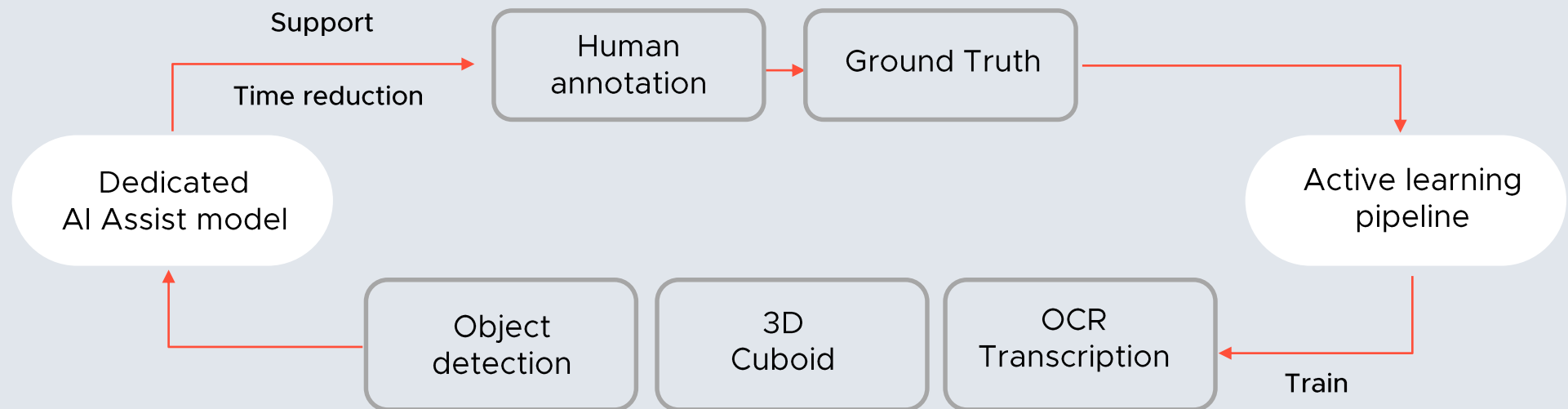
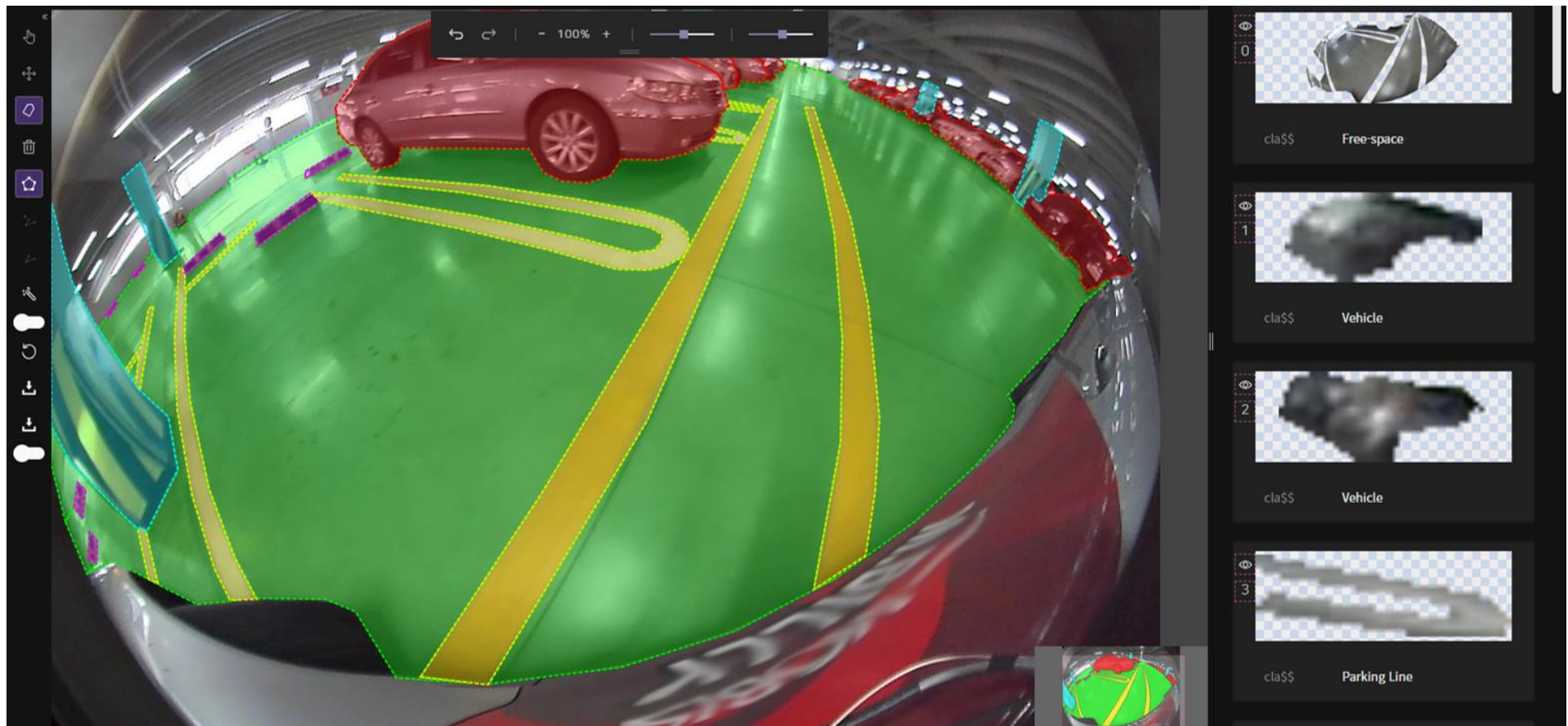


Image Annotation

Panoptic Segmentation



Video Annotation

Object tracking



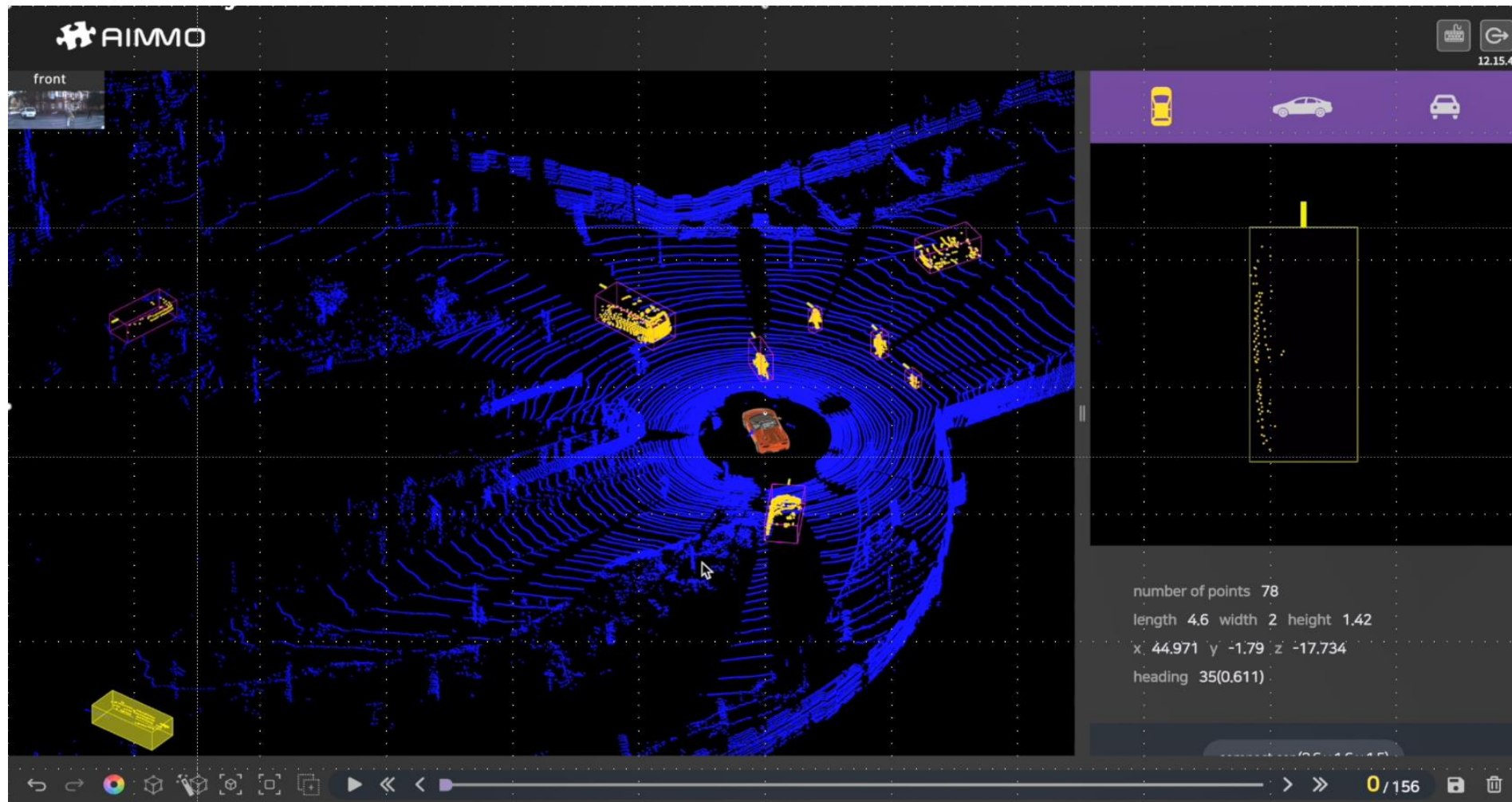
The screenshot displays the AIMMO video annotation software interface. The main window shows a night-time street scene from a vehicle's perspective. A white car in the center is enclosed in a dashed purple bounding box, indicating it is the current object being tracked. The interface includes a top bar with the AIMMO logo, a project ID (TID: 749168), and a green checkmark icon. A zoom control bar is positioned above the video player, showing a 70% zoom level. On the right side, a sidebar lists tracked objects with their details:

- Object 1:**
 - 트랙넘버: 1
 - 클래스: 승용자동차
 - 승용자동차 세부분류: 중형
 - 보이는정도: 모두보임
- Object 4:**
 - 트랙넘버: 4
 - 클래스: 화물자동차
 - 화물자동차 세부분류: 중형
 - 보이는정도: 50%이상

The bottom of the interface features a playback bar with standard video controls (play, pause, stop, etc.) and a progress indicator showing 1 / 808 frames.

Point Cloud Annotation

Automatic Object Detection in 3D LiDAR Data



Alternative solution: Annotation Workforce Service

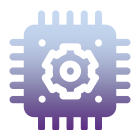
People-powered solution for data labeling

AIMMO's Annotation Workforce Service is a turnkey solution for the machine learning data needs. Our experts provide a fully managed service from annotation planning to quality assurance.



Partner with AIMMO's seasoned experts

Our experts share their know-how with you, providing end-to-end consulting



Technology enabled

We deliver more accurate results at 5 times faster with AI-assisted annotation tools



Quality assurance

We guarantee a 99.9% annotation accuracy with our built-in quality control system

Key Features of Annotation Workforce Service



Project planning and workflow design

Based on our annotation experience, we guide you from the beginning so you can complete the project in the most cost-effective and time-saving manner regarding the followings;

- Choosing the most productive annotation tool
- Designing the most efficient Workflow
- How to divide the tasks among experts and crowd annotators
- How to prevent human error
- Creating a clear annotation guideline

Platform customization

We develop a customized tool to solve your specific needs

Data acquisition

We can help you source large data quickly and reliably

AI-assisted annotation

With active learning, AIMMO's AI-assisted annotation tools continue to get faster and more accurate, reducing work time by 30-60%

Feedback and retraining

We work closely with your team and send you interim results. Based on your feedback, we adjust our guidelines and retrain the annotators.

AI and manual reviews

In addition to multiple manual reviews done by humans and AQM (AIMMO Quality Manager), we also use a statistical-model based AI (SQUIP) to screen the annotations.

The Difference with AIMMO's Annotation Workforce Service

We are a part of your team, not a contractor



End-to-End consulting

AIMMO's Data Scientist Team can provide expert consulting ranging from data collection, data handling, workflow design to architecture research, and modeling. Based on our experience in your domain, our experts will help you design the workflow and annotation guidelines. Our experienced managers work hand in hand with you so that you complete the project in the most cost-efficient and time-saving manner.

Commitment to collaborative relationship












We believe in the continuous feedback loop – you will first receive a small set of sample data, and then weekly or monthly results. We work closely with you, continuously adjusting the annotation guidelines and results for the better. We often customize our platform to best meet your needs. Should your project direction change in the future, we will be happy to assist you reprocess the data.











Quality assurance

We understand how important data is. In addition to the multiple reviews performed by designated quality managers, we also use SQUIP – a statistical AI engine to ensure accuracy. On top of that, we use these data to retrain our human annotators and AI models, continuously reducing the work time while improving accuracy.

Project reference

we delivered a wide variety of annotations for our global customers

Project	Client
Annotation of objects in road images for AV/AD	 HYUNDAI
Annotation of objects in road images and 3D LIDAR data for AV/AD	 ThorDrive
TOD object annotation project for smart CCTV	 IntelliVIX
Annotation of objects in images taken by drones	 IntelliVIX
3D Lidar data annotation for AV/AD	 aSpring Cloud
Annotation of image recognition for AI set-top box	 SK telecom
Q&A acquisition and annotation for AI speaker	 MEDIABZEN
Fashion landmark annotation for AI fashion recommendation system	 V-ACE
Coordinate dataset for car license plate detection	 BN INDUSTRY
Person recognition annotation in image and 3D RADAR data	 SMART RADAR SYSTEM
Text annotation for AI chat bot	 SCATTER LAB

Project	Client
Annotation of texts in three different languages in images for OCR	 NAVER
Face image annotation for face recognition	 kakao
Annotation for AI-based identification & tracking system	 nipa
Annotation of cracks on vehicle surface	 SOCAR
Ground truth data generation of moving objects	 LX
Engage mode data annotation	 SCATTER LAB
Annotation of texts in images for OCR	 SSG.COM
Pre-processing of image dataset for intelligent car recognition	 LX
Video & text data annotation	 bigpearl
Annotation of fire in image for AI fire control system	 SPINA WEB Artificial Intelligence



Ready to try AIMMO?

Get early access at cloud.aimmo.ai

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