

Learn about our annotation services in 3 minutes!

The latest approach to annotation!

Should Annotation Tasks Be Divided for Greater Efficiency?

Common Concerns in Annotation: Are These Your Challenges?



A large number of images were annotated, but numerous **mistakes were made, resulting in rework.**

Despite completing the annotation, the model's accuracy did not improve as expected. It was decided to **revisit and reassess the annotation requirements from the ground up.**



Despite performing annotations separately, **maintaining consistency has been difficult, and preparing work orders is a time-consuming task.**

Let us help you solve inefficient annotation in your company!

Divide and Execute Annotations for Efficient AI Development

While it's common to aim for high accuracy with a single round of annotation, this often leads to rework. A more effective approach is to improve the model through iterative learning by dividing the annotation process into different stages.

Traditional Approach

Inefficient

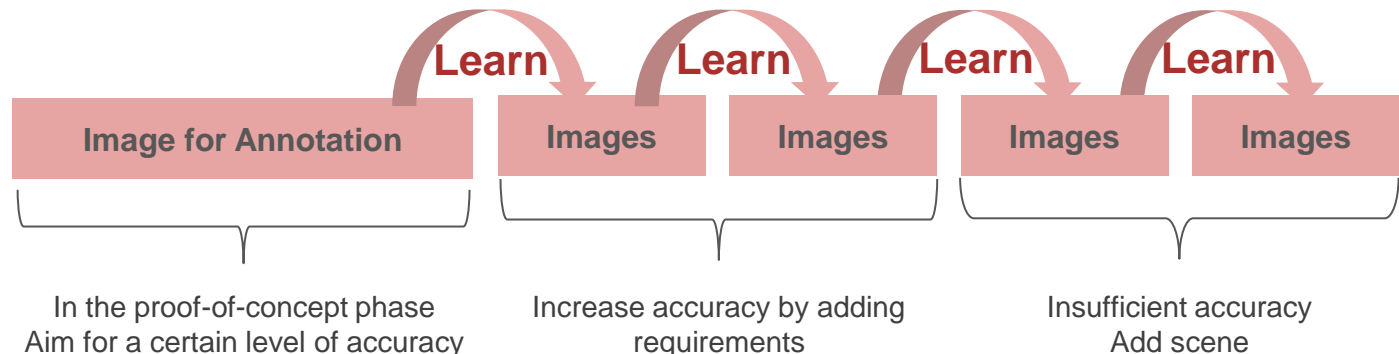
Images for Annotation

Aim to improve AI model accuracy in a single annotation project

Completing the process in one go **increases the risk of rework**. Additionally, it's **challenging to define requirements** that account for all possible events at once.

Divided Approach

High efficiency



How to divide annotation projects and continuously improve the model ?

Proposals for Dividing Annotations

YAZAKI offers a range of solutions to address the challenges that come with dividing annotations.

Issues with Dividing Annotation

Consistency of annotations cannot be maintained

- Assigning the same project manager and the same annotator ensures consistency

=> Applying the learning from past annotations to subsequent annotations

Definition of requirements is difficult

- Our company supports the creation of work orders
- By repeatedly performing QA, work orders are flexibly modified

=> Rather than specifying all ambiguous and exceptional requirements at once, work orders are flexibly modified to some extent.

Contract procedures are troublesome

- If you sign a basic contract for the first time, you can place orders with one purchase order after that.
- You can also contract for delivery in installments with one purchase order

Splitting annotations is not easy, as mentioned above. However, at YAZAKI, we have developed a system that enables efficient split ordering of annotations!

Introducing Our Services



Expanding to a Wide Variety of Industries

We have a track record of annotation in a wide variety of industries and applications.

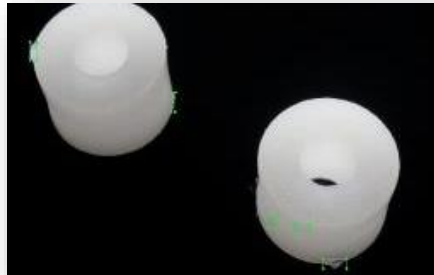
Autonomous Driving and Mobility

Autonomous driving/In-car cameras
Traffic and security cameras



Manufacturing and Factories

Visual inspection/Work analysis
Picking robots



Construction and Infrastructure

Drone Image/Infrastructure Inspection
Construction Site



Agriculture

Crops/Germination and Growth
Forest/Ocean



Satellite Imagery

Visual inspection/Work analysis
Picking robot



Drawings

Architectural/Product Drawing



*Image is an image

Secrets to Achieving Ultra High-Quality

To ensure ultra-high-quality annotations, YAZAKI employs trained specialists and has implemented a rigorous quality control system.



Annotations by YAZAKI employees



A quality control system unique to our core manufacturing industry



Ultra high-quality annotations

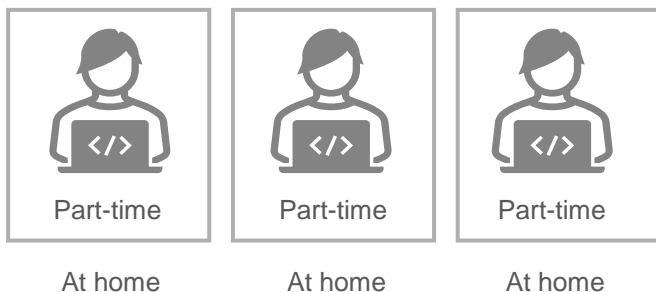
Key #1 to Achieving Ultra-High Quality--Annotations by YAZAKI Employees

Because annotations are performed by YAZAKI employees, we've achieved extremely high quality and responsiveness.

Other Annotation Companies

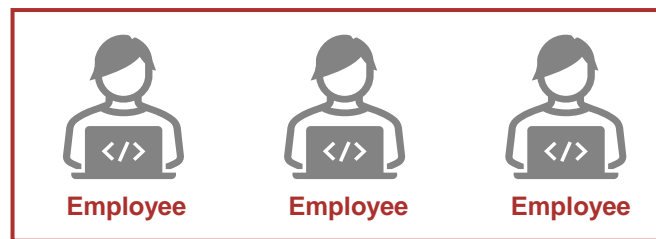
Various Workers

- Cloud workers, part-time workers, etc. carry out annotation work



Trained Employees

- Employees attend YAZAKI's unique annotation training program.
- Work is assigned **only** to employees passing the training program.



Employees work together in
a collaborative workspace

Commonality with Our Core Business

We apply the human resource management expertise developed in our core manufacturing business to our annotation processes.

Human resource management cultivated from over 80 years in manufacturing

Core Business

Wiring harness
manufacturing



Commonality

Large quantity &
high quality



People are key

Annotation



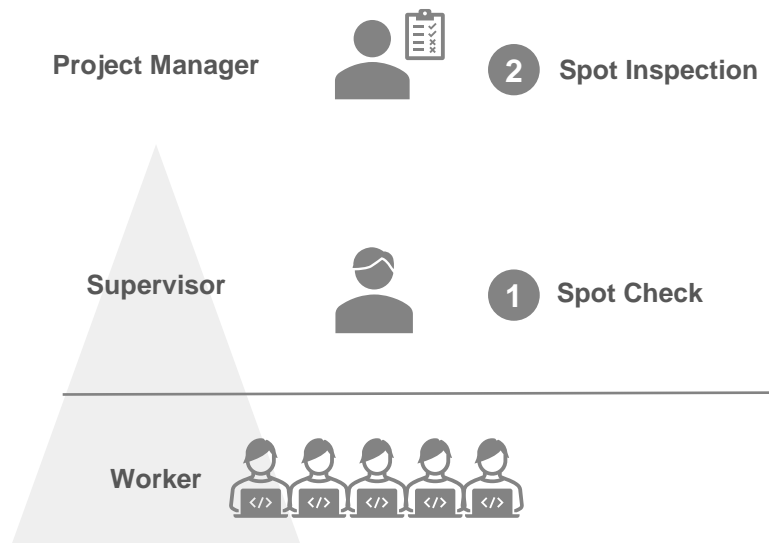
Key #2 to Achieving Ultra-High Quality — Quality Management System Unique to Our Core Manufacturing Industry

We implement triple quality checks, including a comprehensive full-volume inspection, as part of our standard process to ensure highly accurate deliverables.

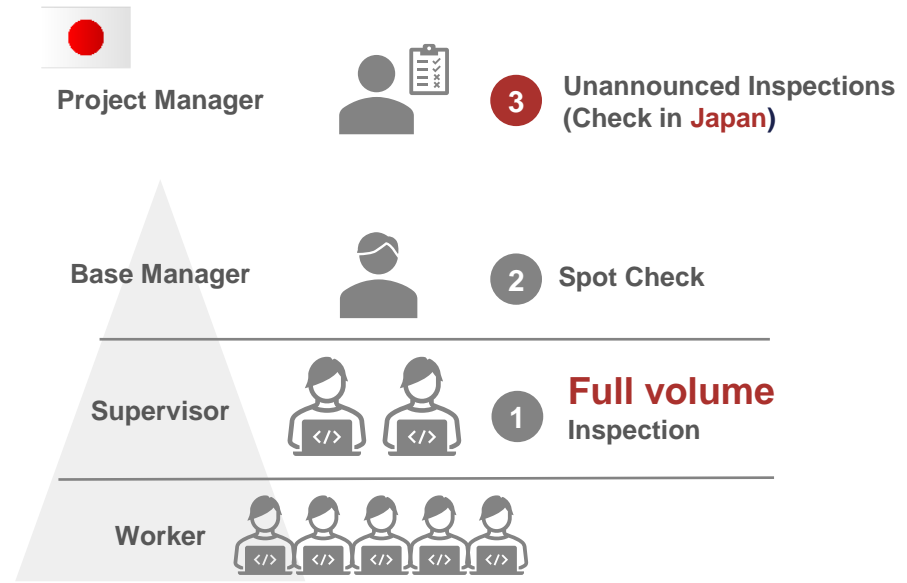
The number of inspections and the inspection system can be customized to suit your budget and specific requirements.

Other Companies' Annotation Services

Double Quality Checks with Spot Inspections Only



Triple Quality Checks, Including Full Inspection



System Can be Changed Flexibly

Why Choose YAZAKI?

We deliver high-quality annotations from skilled annotators at competitive prices, offering quick and flexible service.

Quality

For Unmatched Quality,
Choose Reliable YAZAKI

- ✓ Trained **"Employees"** who are competent in annotation work
- ✓ **Human resource management** cultivated over more than 80 years in the manufacturing industry
- ✓ **Inspection and triple check of all output**
- ✓ Annotation conducted in a collaborative workspace

Price

Leveraging YAZAKI Assets
Yields Reasonable Prices

- ✓ Utilizing YAZAKI's **existing sites and recruitment network**
- ✓ Proposing optimal plans within budget

Responsiveness






















Complicated and Difficult
Projects that
Utilize YAZAKI Employees

- ✓ Ability to build a system with hundreds of employees
- ✓ **Responding to highly challenging projects** that are difficult for other companies
- ✓ With all processes handled within the YAZAKI Group, we **ensure fast and efficient project management.**

Why Choose Us: A Side-by-Side Comparison

YAZAKI is your best choice when quality, security, and handling complex projects are critical.

For challenging tasks like edge cases, trust YAZAKI to deliver exceptional results.

				Company A		Company B	
Quality	Worker		<ul style="list-style-type: none"> Trained Employee 		<ul style="list-style-type: none"> Croudworkers 	?	<ul style="list-style-type: none"> Outsourcing contractors (BPO, etc.)
	System		<ul style="list-style-type: none"> Full volume inspection Triple check 		<ul style="list-style-type: none"> Spot checks Double check 		<ul style="list-style-type: none"> Spot checks Double check
Price			<ul style="list-style-type: none"> Leveraging existing YAZAKI assets to enable reasonable pricing 		<ul style="list-style-type: none"> Control costs by using cloud workers 		<ul style="list-style-type: none"> Provided at low cost using tools
Delivery Time			<ul style="list-style-type: none"> Workers in multiple timezones 		<ul style="list-style-type: none"> Building a system with many cloud workers 		<ul style="list-style-type: none"> Takes time to build a system
High Difficulty Level			<ul style="list-style-type: none"> Extensive track record in complex and difficult projects 		<ul style="list-style-type: none"> Skill of workers varies in difficult projects 		<ul style="list-style-type: none"> Good at low difficulty projects where automatic annotations can be applied
Security			<ul style="list-style-type: none"> Full security system developed in the manufacturing industry 		<ul style="list-style-type: none"> Work by telecommuters 		<ul style="list-style-type: none"> Outsourced contractors implement security measures
Specify Tools			<ul style="list-style-type: none"> Use the most appropriate tools for each project 		<ul style="list-style-type: none"> Use in-house developed tools 		<ul style="list-style-type: none"> Use in-house developed tools

Responding to Highly Difficult Projects

Skilled annotators are essential for handling highly complex projects. YAZAKI employees deliver high-quality annotations, even for the most challenging tasks.

Blurry Images

- ✓ Images of dark or rainy conditions
- ✓ Poor resolution Images



Multiple Object Images

- ✓ Many objects
- ✓ Small objects



Vague Images

- ✓ Difficult to make quantitative judgments
- ✓ Many exceptional cases



YAZAKI employees excel in managing complex and highly challenging projects.

Get Started with a Free Trial!

YAZAKI Image Annotation

With over 80 years of commitment to quality control,
we deliver reliable annotations you can trust.

Inquiries via the Web

<https://service.yazaki.ai/en/annotation>



Inquiries via Email

Annotation_sales@yazaki.ai

Please provide your company name, name, email address and
phone number.