

Industries

# Manufacturing

A Toolkit to make your Industrial processes more intelligent and reliable

## Impact

Our numbers speak for themselves.

100,000

**Images**  
annotated monthly

95%

**Accuracy**  
achieved across projects

<8

**Weeks**  
taken to deploy

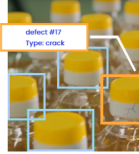
## Usecases

AI-powered solutions for all types of manufacturing processes.



### 01 Predictive Maintenance

ML powered predictive analysis to improve machine uptime by ensuring on time maintenance



### 02 Quality Control

AI powered defect detection to assure required quality standard for the products.



### 03 NLP Solutions

Scrape data from documents to make more informed decisions about supply chain issues and benchmark rates.



### 04 Inventory Management

Optimize inventory and logistics operation by using AI enabled tracking system through computer vision.



### 05 Safety Monitoring

Ensuring safety protocols are being followed by the front line workers using computer vision

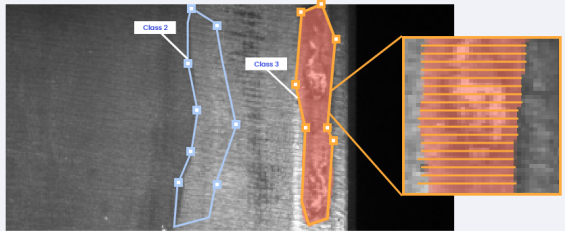


### 06 Offline Heatmaps

Identify and investigate defective regions, monitor workers and process movement.

## Case studies

How we helped create a more accurate and cost-effective Steel Defect Detection system.



The error detection process in a Steel manufacturing firm was entirely manual. This made it tedious, very repetitive and prone to bias.

20  
Images/ second. maximum  
QC tests processes

We created an AI powered defect detection SaaS to speed up the process drastically, and increase accuracy by storing and reusing past judgements.

500 ms  
per image, down  
from 2-5 seconds

21%  
accuracy achieved in the  
process

## Couldn't find what you were looking for?

Reach out to us for a personalized solution based on your use case.

Like what you see?

Let's talk about what we can do for your manufacturing business. Send an email to:

priyansha@loopr.ai