

COMPUTER VISION

AI powered part search for Maintenance organizations



Top search results in the spare part database



ID: 3344736647

ID: 4747446647



Business Problem

- Customer has many factories and production lines. There are many different spare parts which need to be correctly identified and ordered when production line breaks.
- When a person is searching for spare parts manually, it is time-consuming and causes a long downtime for the production line.



Business Solution

- Use mobile device to take a photo of wanted spare part.
- Developed an AI solution which uses this photo and finds the closest match in the spare part database.
- Developing a front-end UI able to query search in any language and dozens of different ways (product ID, piece description, location, use, etc)



Outcome

- Reduce production line downtime.
- Scalable solution across all factories worldwide.
- Reduced manual effort for employees searching for the spare parts.