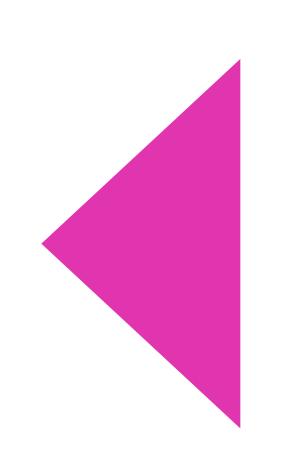
Fruitful AI

Redefining quality control

Requirements for a Digital Quality Manager

FHGR Chur, 09.09.24 Patrick Albrecht





costs linked to quality issues*



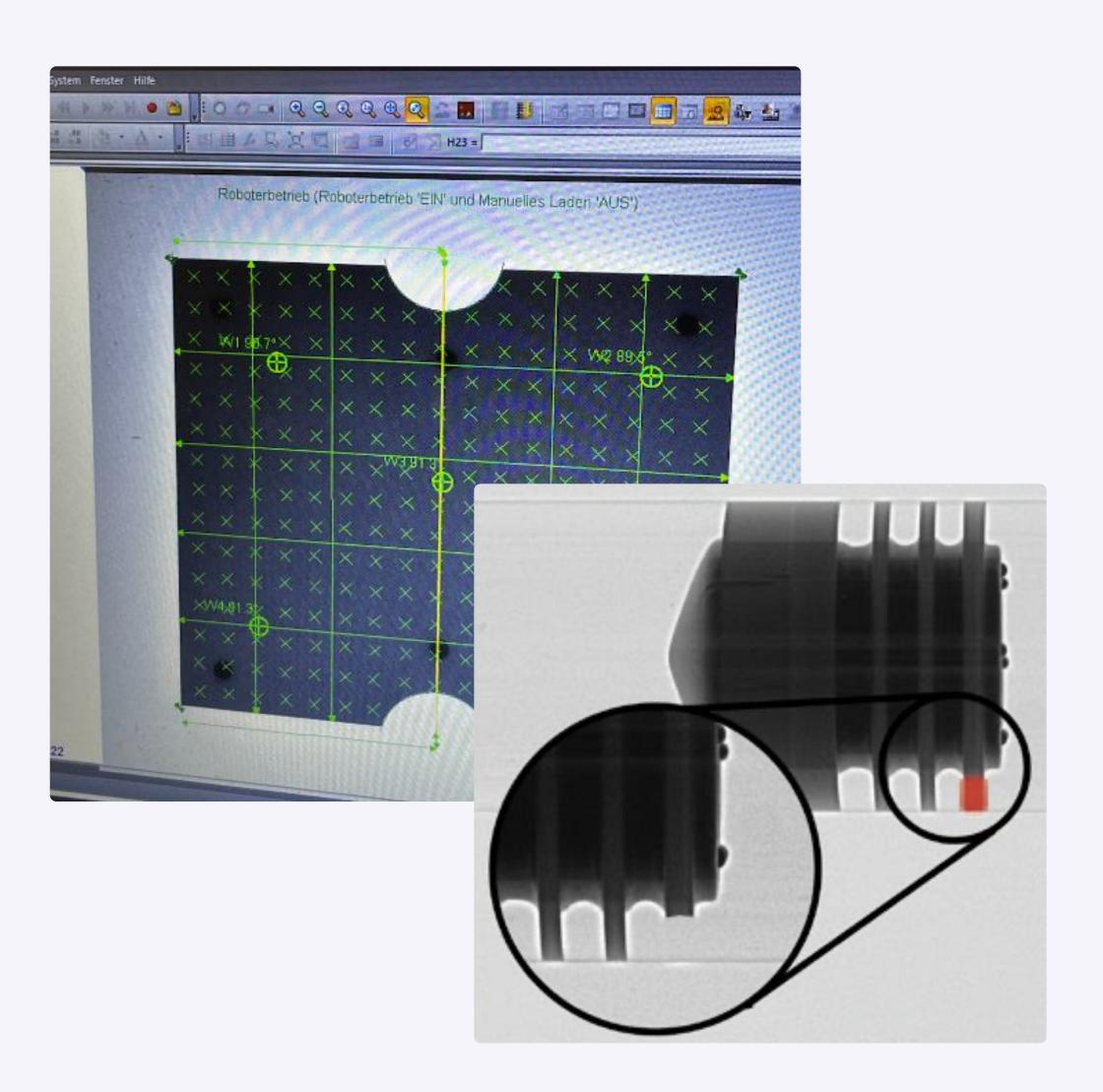
Unmet need: GenAl's take

The real-time detection of complex and subtle defects in variable environments.

Unmet need: GenAl's enhanced

The real-time detection of complex and subtle defects in variable environments and products.

Status quo falls short

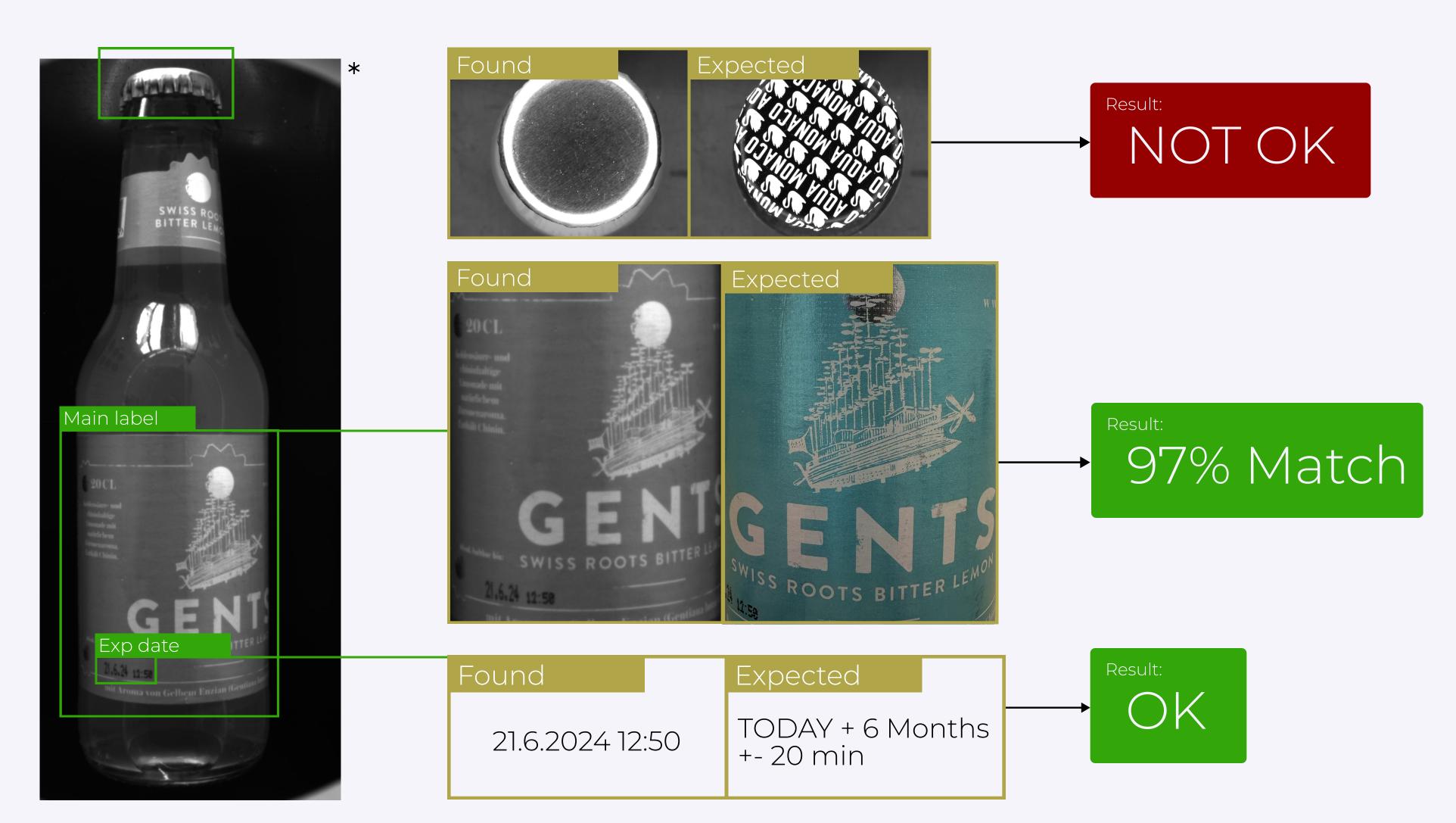


Static models

Fixed setup

Binary assessments

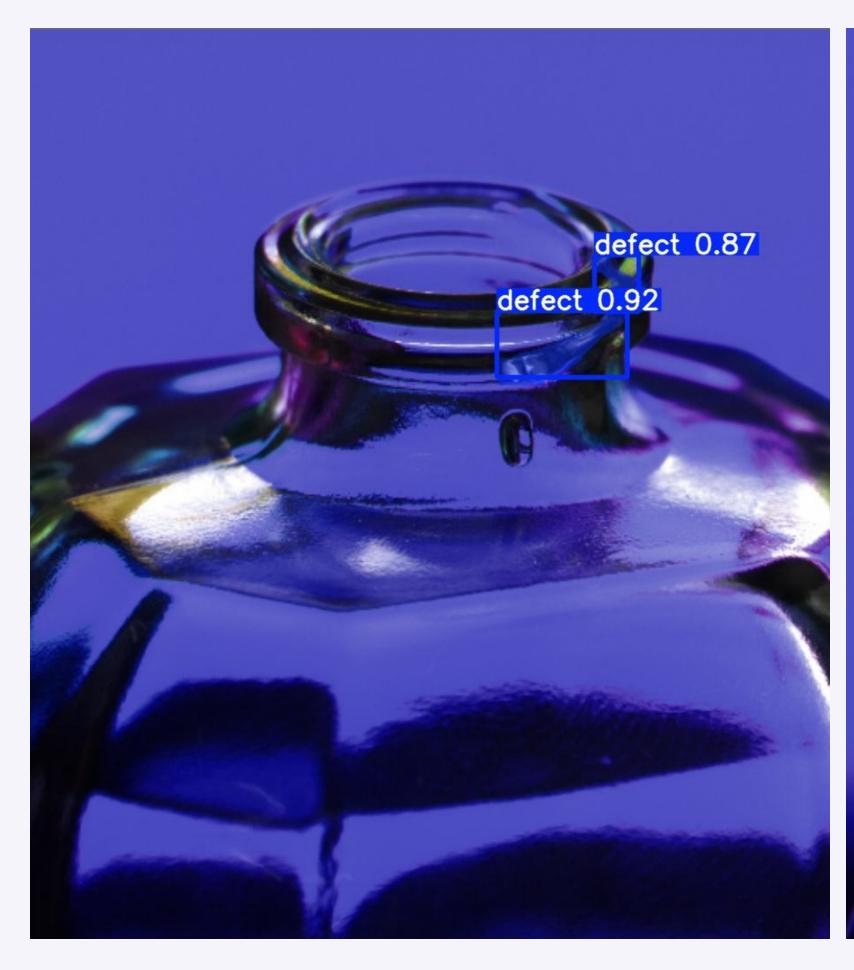
Aesthetic Matching





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Subtle defect detection

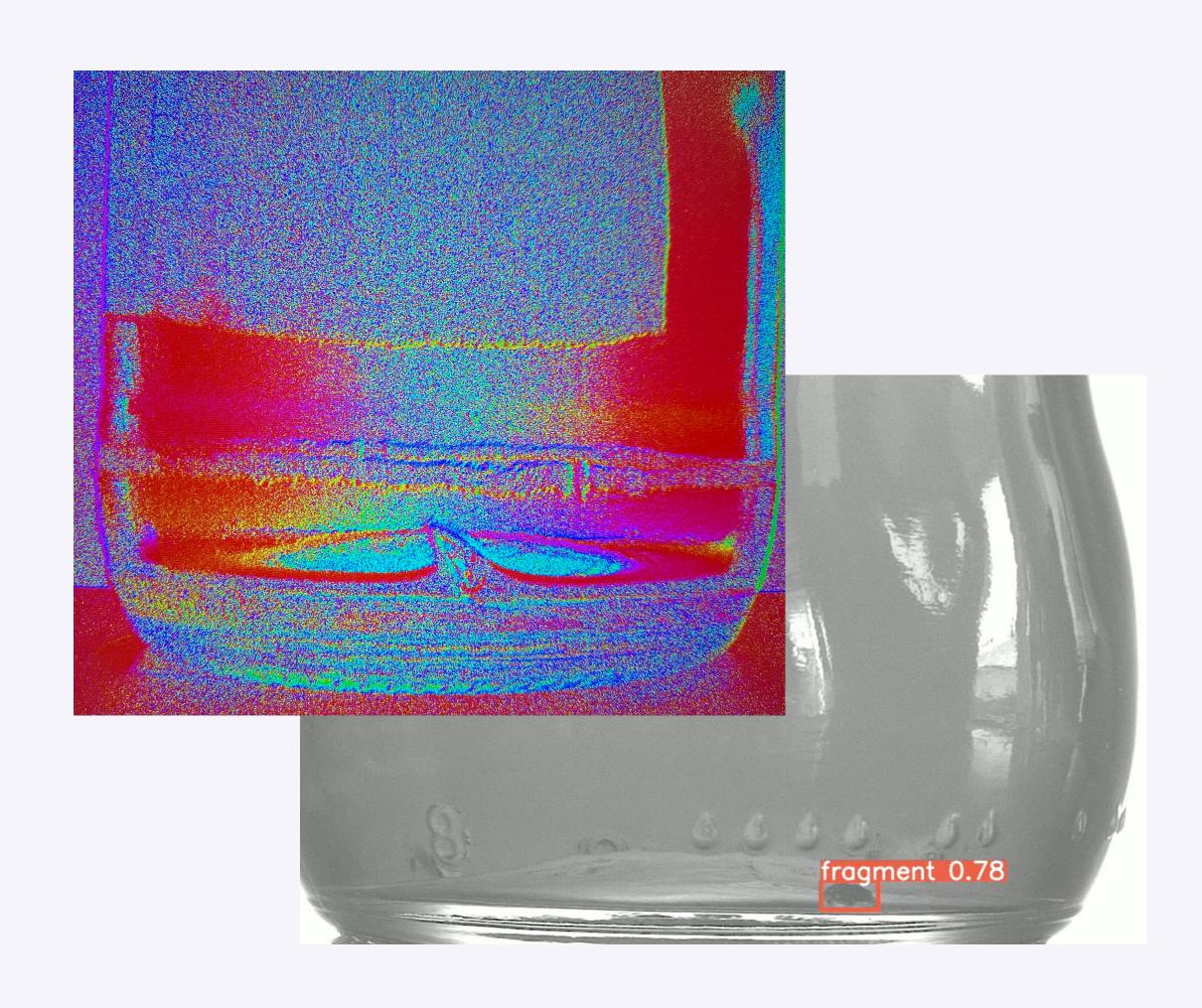






Foreign object inspection



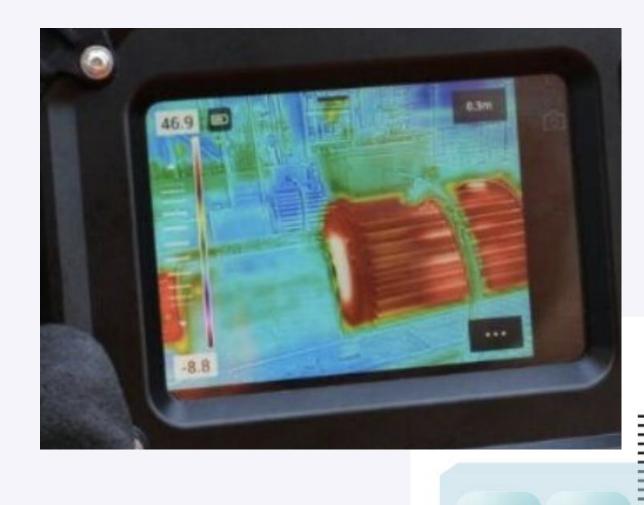


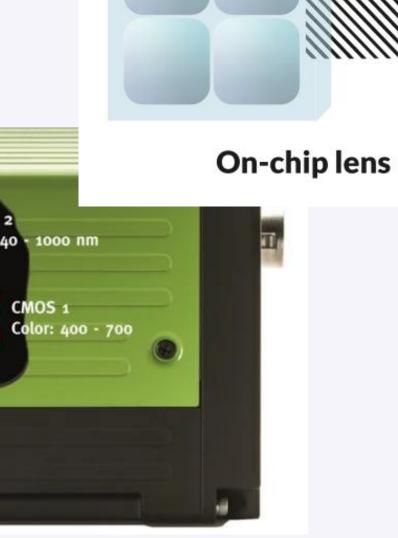
Sensors are improving

Thermal imaging

Polarized sensor arrays

Prism cameras



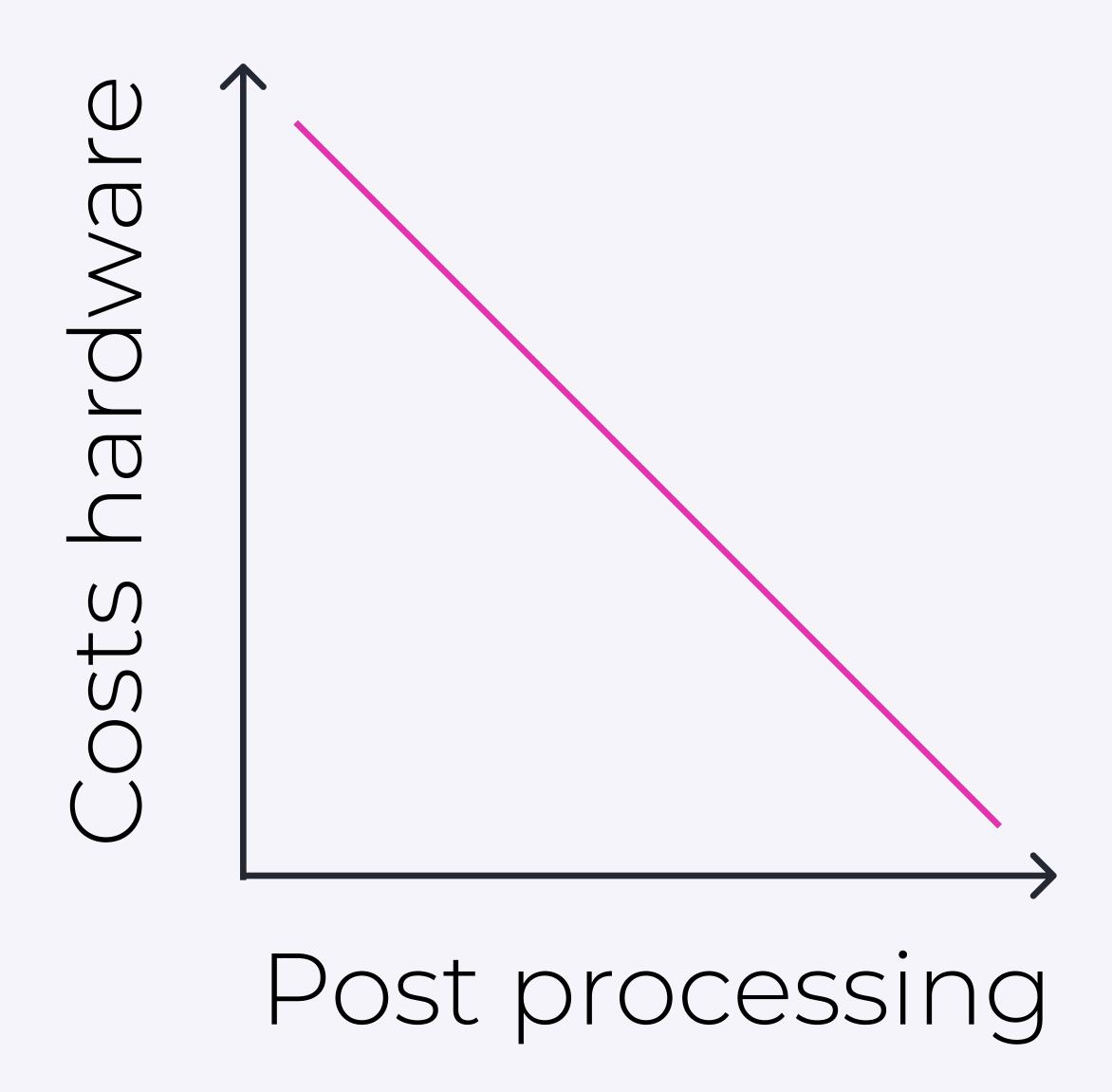




Photodiode

Polarizer

Keeping the right balance



Research to production

How to move a specialised and costly hardware setup into a dynamic production environment?

Research to production

How to move a specialised and costly hardware setup into a dynamic production environment?

By moving away from static, rigid setups and allowing for adaptability and easy communication between devices, controllers and encoders.



Improving communication

Status quo

Hardware ____ supplier & prop. software

Industrial client

Complex defect detection

Hardware supplier





Software supplier

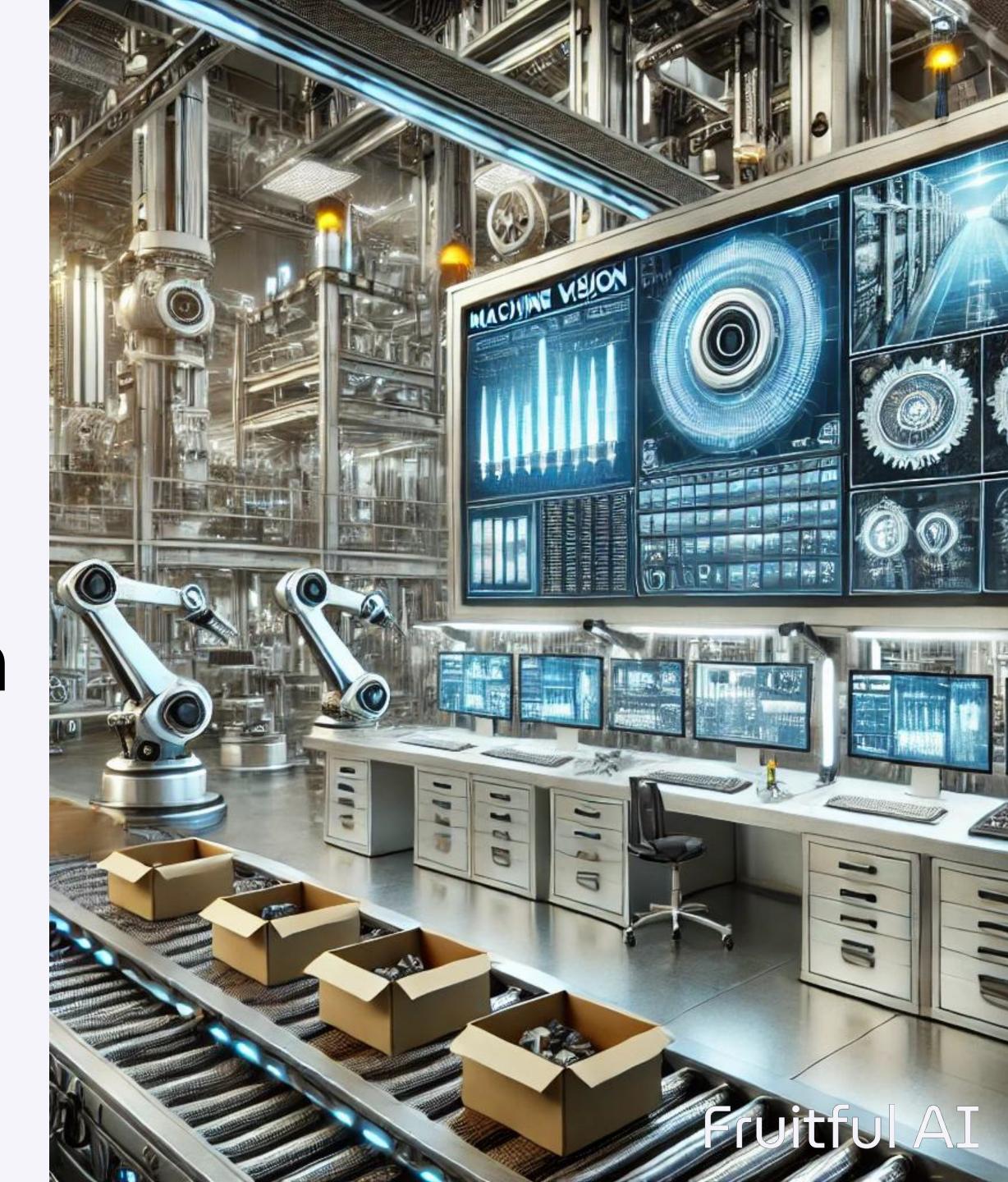
Industrial client

What is needed

Dynamic system

Simple communication

Modular technology



Questions? Reach out

At Fruitful we apply cutting edge technology to make every-day operations simpler and better.

Patrick Albrecht
Co-founder and CEO

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Fruitful AI

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