

syn2core

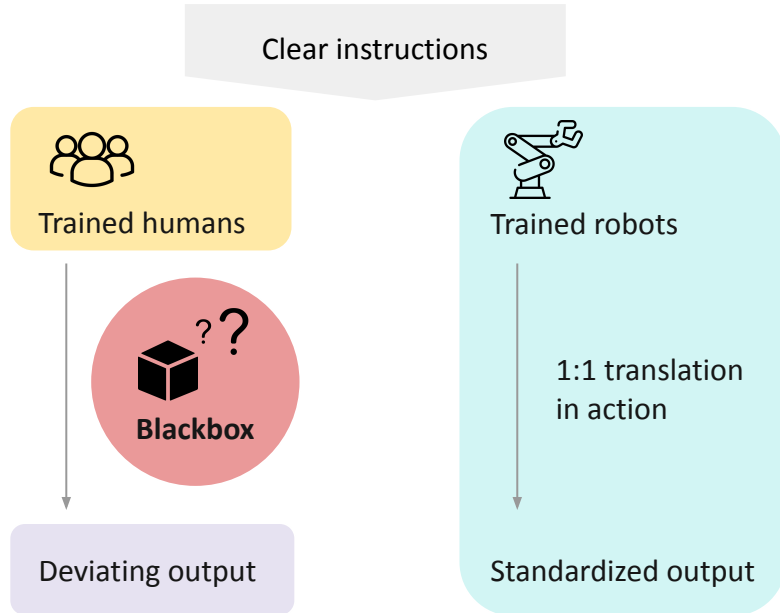
AI co-pilot for frontline workers in automotive,
empowering humans today and enabling humanoids in the future

elise.chen@syn2core.com

+49 152 25888886

Hidden complexities of human process execution drives 3%-15% in manufacturing costs

Human factor impacts operational excellence every day...

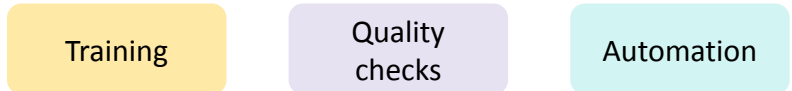


... with significant financial impact in automotive...

3% - 15%¹

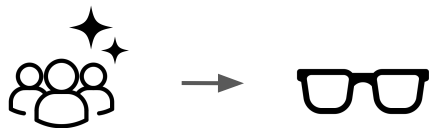
Manufacturing budget wasted on **costs of bad quality**, adding up to **\$10B** in U.S. and Germany p.a.

... despite various measures being taken



Our AI co-pilot empowers workers with team intelligence and prevents errors on-the-job

1



AI learns from frontline experts and optimizes process via

- **Embedded knowledge:** Audio, video, sensory data from human ego perspectives
- **Codified knowledge:** Handbooks, machine data
- **Output:** AI-optimized process iterated with client

2



AI co-pilots all staff through ideal process in real time

- **Process optimization** via audio feedback whenever an error is about to occur
- **Continuous learning** from all staff
- **Output:** Realization of AI-optimized process

Our ambition: Bringing Jidoka and Kaizen to the GenAI level today and to enable humanoids with collected process data long-term

Within 3 months, we have launched 2 paid pilots and raised \$250k in pre-seed funding

Tech development started with 2 paid pilots...



Optical **pre-delivery inspection** at a large Stellantis dealership



In-bound handling of MB cars at an EU car logistics company

... with more pilots in pipeline...

Deep-dive



Assembly use cases; approved by plant management and works council



Yearly inspection as use case; approved by CEO and CTO

... and initial funding secured



\$250k pre-seed, US TopCo and German OpsCo **incorporated**



01/25:
EF **Demo Day** in San Francisco for **seed round**

First pilot focusing on optical PDI at a German Stellantis dealership

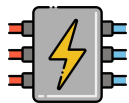
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First pilot customer

<https://drive.google.com/file/d/1dUp0TiQVAvW2V9dthz3qLIZDAASbMhC6/view?resourcekey>

Pilot in negotiation for EoY 2024: Assembly line at the BMW Dingolfing plant, Germany

2 use cases identified for pilot...



Electro-mechanical tasks: Positioning and cabling of PDM



Application of fluids:
Distribute glue to fix glass roof to chassis

with \$500k+ savings potential p.a.

Car is not running if cables are wrongly wired; rework costly as more tech is added on top

Roof leaks if glue is not sealing; rework of 300 minutes necessary to fix glue on paint

.. to be captured with AI co-pilot

1

Improve measurement accuracy and precision

2

Correct errors on the spot and prevent costly rework

3

Reduce training hours of foremen for new staff

We are an experienced founding team, covering commercial and tech side



Elise Chen, CEO

Execution-driven leader with
holistic automotive experience



Head of User Operations / COO @ NIO: Leading German go-to-market, building 80 FTEs and 18 PoS within 1 year

VP OEM Partnerships @ FINN: Developing strategic partnerships with OEMs, closing deals for 16,000+ cars



Zhenying Zhang, Founding Engineer

CV and math engineer, building
Deeptech AI software from scratch



Senior ML Engineer @ Trinamix and Understand.AI: One of the first engineers building Deeptech AI for spectroscopy and autonomous driving from MVP to commercial product

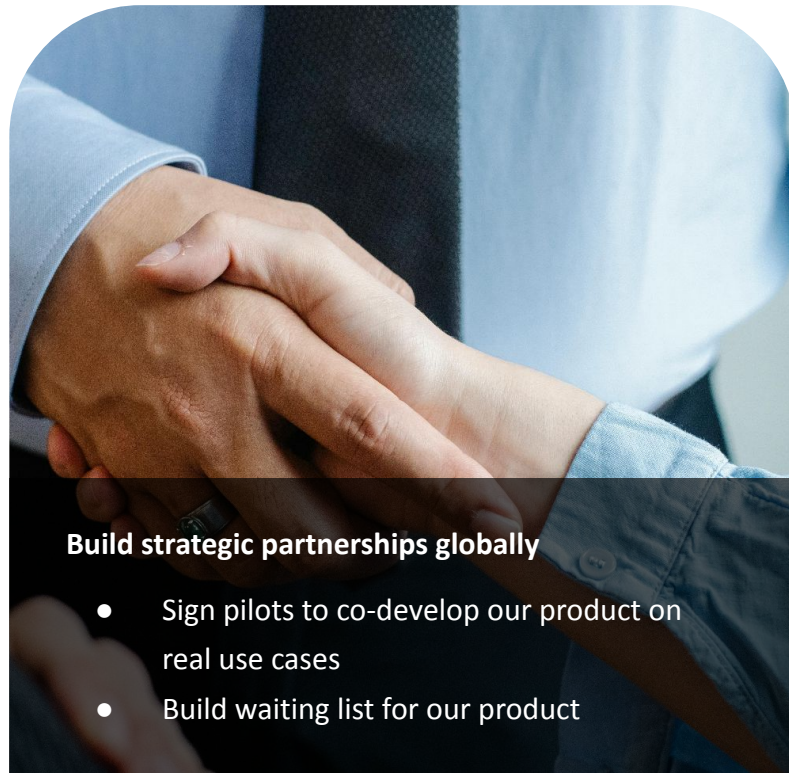
Postdoc @ EPFL: AI research in solid mechanics monitoring

In the PnP accelerator, we are looking for industry exchange and strategic partners



Foster exchange with industry experts

- Improve market understanding to tailor our product to German vs. U.S. market
- Build strong industry network



Build strategic partnerships globally

- Sign pilots to co-develop our product on real use cases
- Build waiting list for our product