AI FOR FACTORY AUTOMATION

FIELDVIEW

PITCHDECK

EXPERIENCE AND ENTHUSIASM

ABOUT US – FOUNDERS TEAM







CEO Daniele Bernardini

Master in Physics from University of Florence & LMU Munich Computer Vision and Machine Learning researcher at Technical University of Munich (TUM) 15 years of experience in managing a software company

VP Sales Francesco Scalise

Master in Electronic Engineering from University of Parma 20 years of experience in sales In the manufacturing market 15 years in management positions

COO Giorgio Calapà

Master in Business and Administration from University of Bologna. 15 years experience as Business Analyst/Project Manager in Operations and Technology for Tier 1 Investment Banks, Investment Funds and Fintech companies

Scientific Advisor Prof. Dr. Marco Caccamo

Alexander von Humboldt Professor at TUM (Most prestigious German research award) IEEE Fellow Chair for Cyber-Physical Systems in Production Engineering

Industrial Advisor Dr. Leonardo Tassini

PhD. in Physics from TUM 15 years experience in Research and Development in Sensors and Optical Systems TODAY'S RIGID AUTOMATION

COGNIVIX

FACT: Large part of global manufacturing is still not automated

WHY: automation makes sense only for large production volumes with minimal changes



PROBLEM AND HUGE OPPORTUNITY



Automation Today





Loading



Tomorrow Automatio





Bespoke Machinery High initial costs High costs for changes

Only for high volumes and stable production lines

Assembling

Robotic Arms with AI Vision

Moderate initial costs Maximum flexibility BUT Al is still in research **Needs AI scientists on site**







ADDRESSING KEY ROADBLOCKS IN AUTOMATION



Leverage Cognivix founders **Machine Learning Research Results**

Patented (pending) Automated Data acquisition and training of Al

COGNE

ROBUSTNESS IN HIGH-MIX PRODUCTION

5





1

ALIN THE FACTORY WITHOUT R&D TFAM

COGNIVIX SIMPLIFY SETUP AND ADAPTATION FROM DESIGN TO PRODUCTION IN 24H

• Upload CAD model of new part

• Scan sample in our patented training station

Engineering Prototype

· 24h to train the neural Al • Al deployed on all factories - IoT

Deployment

- Production Lines updated
- Production starts with new parts

Production





PRODUCT OVERVIEW





INTELLECTUAL PROPERTY STRATEGY

PCT



Immagini per il Training Automatizzato di Algoritmi di Intelligenza Artificiale Per il Riconoscimento di Oggetti

COGNIVIX TIMELINE



SOLUTION POSITIONING



Traditional Automation



✓ Low initial costs

 \checkmark Low running costs



Running Costs



Traditional Automation



✓ High productivity✓ Great flexibility



Flexibility

BUSINESS MODEL

ORDER EXAMPLE

A typical small customer with 2 robots

Hardware Costs

Fieldview Client

Fieldview Server

Total

Yearly Licenses	Fixed Costs	Count
0€	4,000€	2
4,000€	0€	2
10,000€	0€	1
14.000€.	4.000 k€.	



* https://www.scmo.net/faq/2019/8/9/how-many-factories-is-there-in-the-world

** We assume that 10% of the factories have some process that can be automated using our technology *** We further assume that each such factory will utilize on average 10 robots

Bin Picking

MARKET SEGMENTATION

Machine Tending



Single-camera operation:

The camera mounted on the robot can manage multiple bins, eliminating the need for multiple cameras.

Direct picking: Fieldview can pick directly from the delivery box, removing the need for additional cells.



Multi-tasking: One robot can tend to multiple CNC machines as the vision system moves with the robot.

Flexibility: When combined with bin picking, it offers maximum flexibility in operations.

Assembly



Design adaptability:

Changes in parts design can be accommodated without altering the assembly routine.

Human collaboration: The

adaptive AI allows for seamless collaboration with human workers.





Licensing Scale Up Leverage partners networks and Integrators to transition Consolidate partnerships from project to product sales with integrators 2025 2025



COGNIVIX TIMELINE

MARKET ACCESS

International Expansion

Establish USA and Japan subsidiaries

Round A

2026

FINANCIALS



- 1 plant, 1 robot for a small customer
- 2 plants, 5 robots per plant for a medium customer
- 5 plants, 5 robots per plant for a large customer

CAC LTV in K€ By Segment







Idea & PoC



Cognivix s.r.l. incorporated

Highly experienced team from research, industry and finance

FIELDVIEW TIMELINE HOW WE GOT HERE

Research Prototype

Completed first working

prototype in collaboration

with TUM – 90% accuracy

Pilots & PMF

Speed, robustness,

prototype production lines

2023-24

2023

2022

Raised 950k€

Smart & Start Italia

Equity Seed Round



Investors

SEED ROUND

SEED ROUND 1.2M LEAD INVESTOR: MAGIC SPECTRUM

2025

2024

• Product Development Business Development

600k € Seed Follow on

After Milestone:

300k € Magic Spectrum

300k € Other Investors

Product /Market Fit

Move from project driven business to license driven revenue

Hand over installation and operations to integrators

Ready to scale up internationally

Recognized by StartUs Insights as one of the 10 Top Manufacturing Startups to Watch in 2023 https://www.startus-insights.com/innovators-guide/manufacturing-startups/

Recognized by Web Summit as one of the 200 Most Exciting Early Stage Startups 2022 & 2023 For two consecutive years Cognivix was invited to The Gathering, a close door event taking place before Web Summit

Cognivix aims to harness the power of AI through groundbreaking hardware/software innovation to the factory floor.

Contact us at daniele.bernardini@cognivix.com