

You do not only need a Plan - You need a Plan that survives Reality

Just-In-Time Production Planning for Manufacturing
Based on Trustable & Verifiable Symbolic AI

Patent-pending symbolic AI · Industrial evaluations · 4,000-task scheduling in < 30s

ERP/MES create a plan.

BUT: Humans still solve live coordination.

Missing layer: Live constraint reasoning.

Static plan

ERP, MES, Excel and paper capture the intended plan.

They do not reassign work as execution changes.

Reality changes

People, machines, new orders and delays continuously disrupt execution.

Every change creates a new assignment problem.

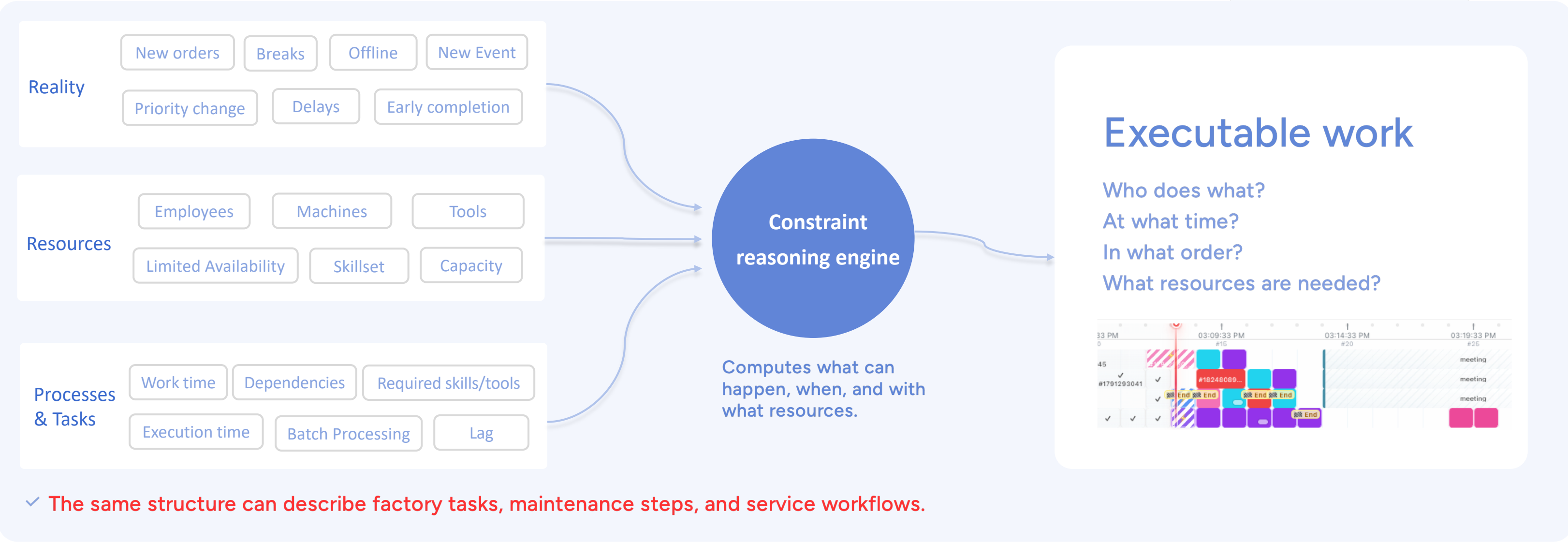
Manual recovery

Supervisors still patch work across people, machines and tools.

The system of record stays static.

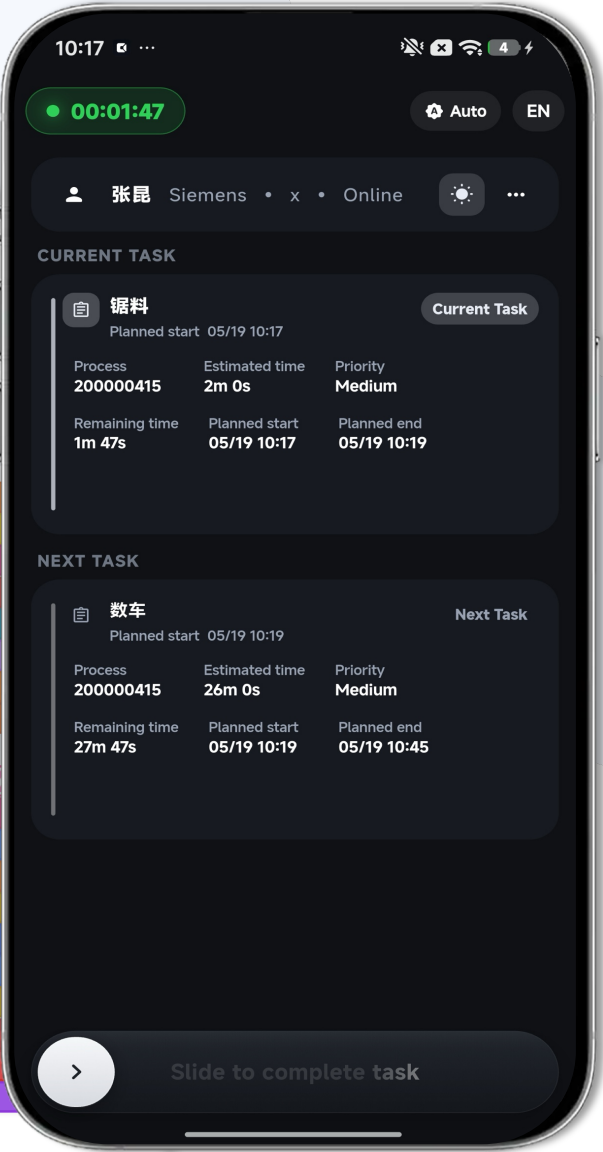
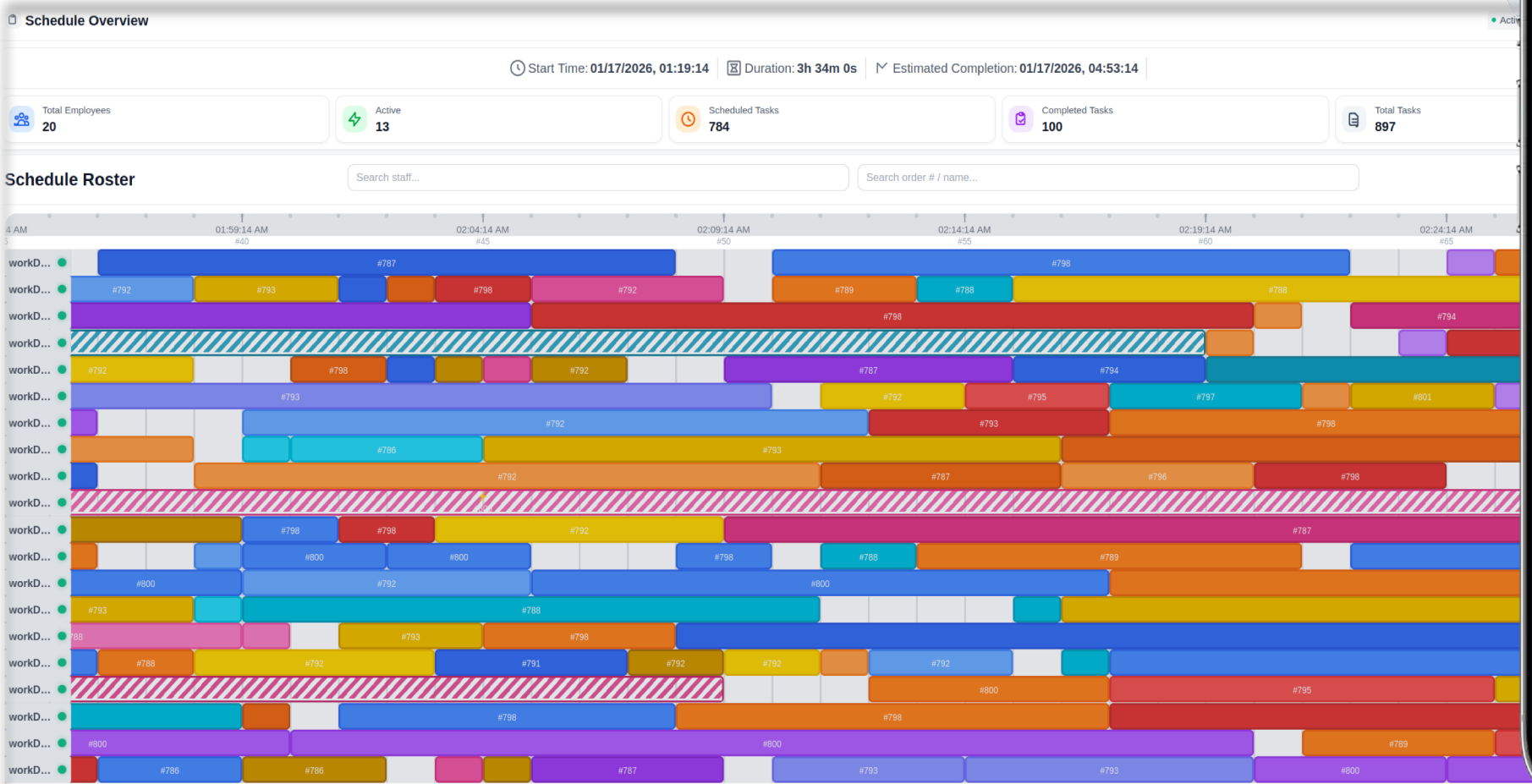
Verifiable and Traceable Production Processes due to symbolic AI

Tasks, skills, tools, timing and disruptions become live constraints



Early-Stage Validation in Real Workflows

Solution currently at TRL 5



Evaluation rounds with
Siemens China
Fu Xing Bakery and Kitchen
Telescope Manufacturer

✓ Evaluation with Siemens for Cast Film Machine Production

700+ Processes

3000+ Tasks

< 30 s Solve Windows

Fast enough for live replanning, not just offline optimization

Goal: More Efficient and Auditable Production

Peking University
Science & Technology Award



Siemens Xcelerator China

Initial Tests End of 2025

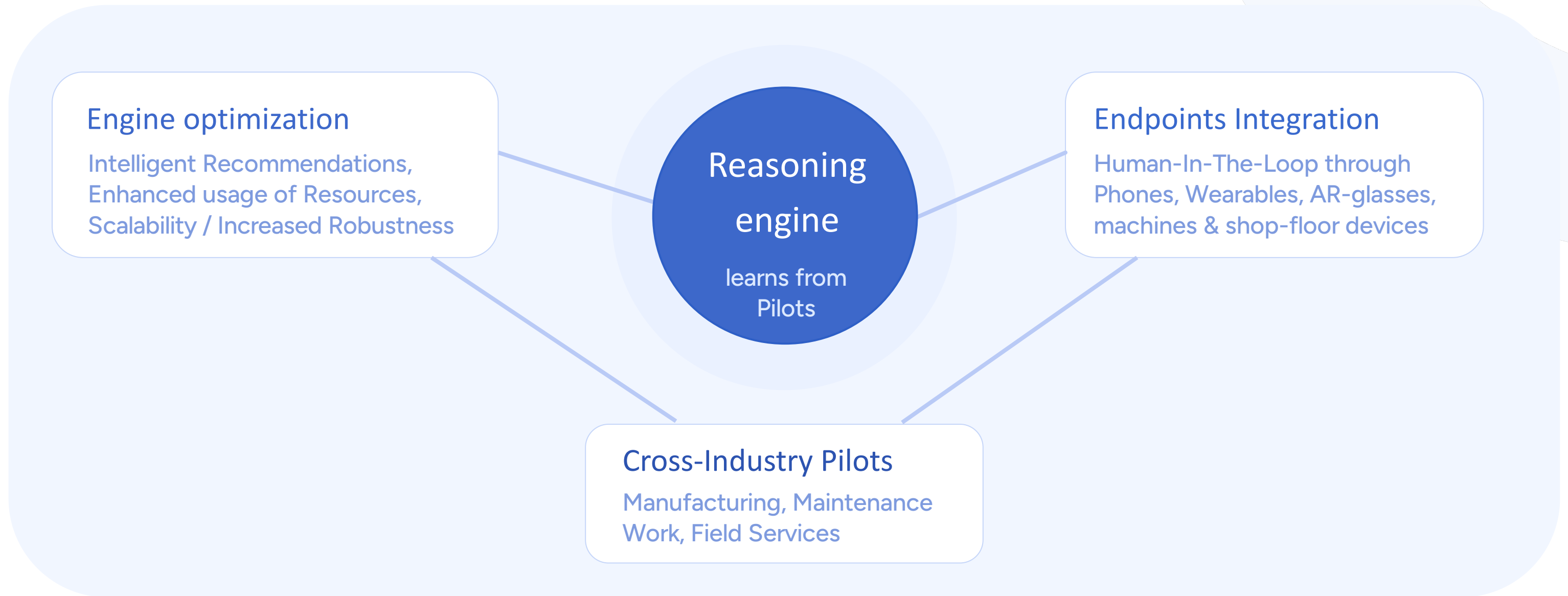


Shell India (Maintenance)

Pilot planned at a refinery in India

Empower Your Staff! – Enhance Your Processes!

Optimize Entire Workflows (Time / Resource Usage) – Human Centered with Feedback Loop
Validate and enhance the constraint models through additional Pilots



Our Vision

An intelligent scheduler
that coordinates entire
production pipelines

That’s us! – the Yordando Team

PhD - Founder & CEO



Herwig Lejsek

Founder of Videntifier (Iceland), with 12+ years in AI-driven recognition. Technology adopted by INTERPOL, EUROPOL, DHL, Korean Police, and licensed by Facebook in 2018.

Now leading Yordando - backed by a €102,000 EU grant and pending patent P15784IS00 / 050631 (ISIPO).

Co-Founder & CTO



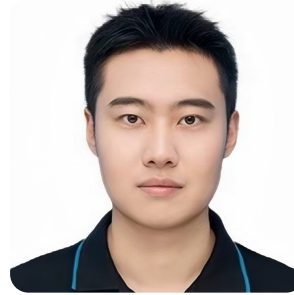
Kun Zhang

Master’s in Electronic Information Engineering from Tsinghua University, Beijing.

Expert in embedded systems and full-stack development.

Led core system design for autonomous driving chips at BYD, ensuring stable and efficient delivery

CSO - Founder & CEO



Shuo Wang

Master in Industrial Engineering Management from Peking University, responsible for market analysis, investment and business strategy.

Experience in AI industry from previous work at Baidu and Xiaomi. Won with Yordando the Peking University Entrepreneurship Science and Technology Star Award 2025 (> 100 applications)



We are looking for Pilot Partners!

Please get in touch!

Also: Looking for partners for EIC PATHFINDER Challenge
(DEEP Planning – DEEP Reasoning)