TEAM

Dr.-Ing. Sören Kerner (39), Head of Automation and Embedded Systems
Profession: Computer Science, Electrical Engineering, Multi-Agent Systems, ROS
Role: Robotic Expert, Project Management

Dennis Lünsch (30), Research Assistent
Profession: Computer Science, Navigation, ROS, Interfaces
Role: Software Development

Christian Blesing (32), Research Assistent
Profession: Computer Science, Multi-Agent System, 2D/3D Vision Systems
Role: Software Development

MOTIVATION

We are convinced that only agent-controlled cellular transport systems can provide the flexibility needed for the future of facility logistics

MARKET

PROBLEM TO SOLVE

flexible, self-organizing, scalable and cost efficient facility logistics automation

(AGV) MARKET SIZE

1.4 Billion Euros in 2018 with a growing rate of 9.8%

POTENTIAL CUSTOMERS

Automotive, Manufacturing, Retail, Contract Logistics, …

BUISINESS MODEL

customized control system solution or sell/rent full systems (Automation as a Service)

Fraunhofer IML

TECHNOLOGY

2 Multi sensor concept (inertial and safety laser range finder)

1 Hybrid system consists of bin storage and multimodal vehicle (agv)

3 Full system architecture multi agent system

UNFAIR ADVANTAGE

IP and background of **15** years experience in multi agent systems

Data of 5 years Living Lab autonomous swarm intelligence

25 years experience with AGVs

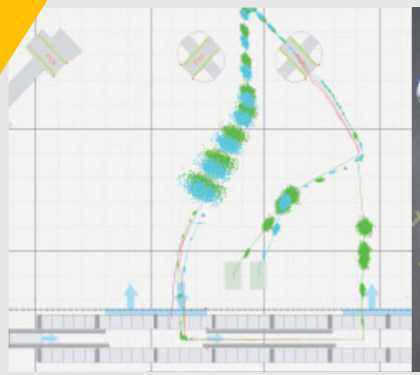
several million Euros R&D effort already invested

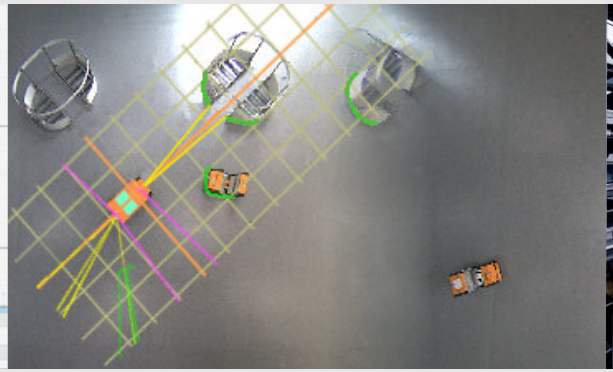
Fraunhofer IML

4 Autonomous behavior and swarm intelligence

5 Layout-flexible solution through free navigation

OFFER





WE OFFER	Technical expertise in the field of multi agent systems, decentralized control and autonomous agv
WE ARE LOOKING FOR	Full founding team Economical expertise Managing director and investors
THE INCENTIVE	Breakthrough technology with an enormous market potential Cutting edge solution to change the facility logistics
THE EXPECTATIONS	Entrepreneurial experience and market access Interested in industrializing of highly complex technical solutions