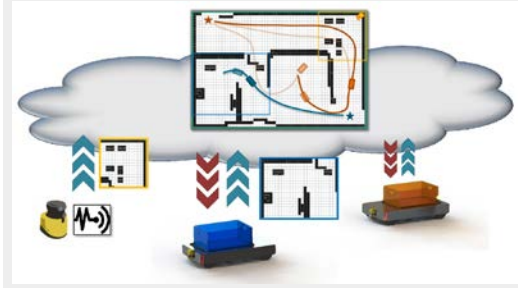# NODE

AI & data, IoT & Sensors, Drones & Robots, Automotive & Transportation, Manufacturing, Mobility & Transport

The Opportunity

Problem: Operating companies of agile production and logistic systems rely on mobile robots for a flexible and scalable material flow in dynamic and changing environments. Current suppliers are not capable to provide mobile robots with the required degree of navigation autonomy to operate in these environments.

Solution: NODE offers a navigation system using cloud/egde technology to achieve next level autonomy. Running on edge devices connected to the NODE servers, NODE enables flexible, intelligent and autonomous navigation for whole heterogeneous fleets.

The High-Tech

We use a cloud/edge approach where the robots are able to mutually share valuable information in real-time as well as leverage computation resources on cloud/edge-servers. In combination with the developed cooperative navigation algorithms, we are able to overcome limitations of current solutions in terms of efficiency, robustness and accuracy.

co-founder(s) needed   ~~full founding team needed~~

TEAM

- Core competencies in team: *Agile, industrial grade software development, R&D tech transfer, Robotics & Autonomous Navigation*

- Future role of the current team: *Co-Founders or technological leaders of the team*

- Offer for Pioneers: *Looking for co-founders with finance/management background (ideally with automotive/logistics and robotics background)*

TECHNOLOGY

- TRL: *5*
- Time to market: *1-2 years*
- IP: *Core of NODE consists in proprietary software where source code is only known to the team, for customers there is an object code*
- Unfair advantage: *software has been successfully proven, strong network*

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VENTURE