

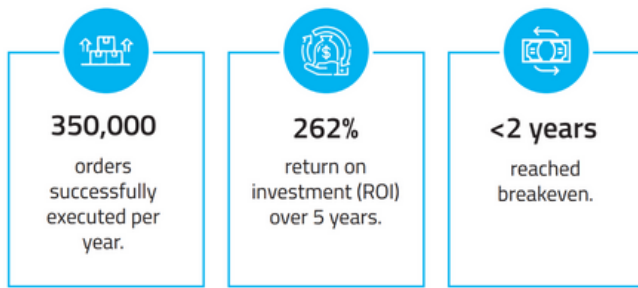


Driving Operational Efficiency with KINEXON AMR & AGV Fleet Management

Continental's Success with **over 250% ROI** in Autonomous Mobile Robot Operations



The Results at a Glance



Our tasks are seamlessly completed, and **errors have become a thing of the past.**

The fleet management solution from KINEXON has saved us time and resources and **positively impacted our overall production quality.**

Prof. Dr.-Ing. Tobias Bornemann
Continental AG

The Situation

In 3 international Continental factories, the production processes for brake systems encountered challenges tied to **manual transport** using forklifts for **heavy materials**, despite efforts towards **automation**.

Complex **material movement**, **safety considerations** concerning loads exceeding a ton, and **intricate layouts** posed continuous issues.

The Challenge

Within Continental's vast global manufacturing footprint, the production of critical automotive components presented two major challenges. First, the imperative to **automate these factories with cutting-edge mobile robots**; second, the need for a **robust fleet management solution** that would seamlessly connect diverse mobile robots and ensure future scalability and expansion.

The Solution

With KINEXON Fleet Manager, Continental harnessed the power of **centralized control** for their fleet of AMRs in specified use cases. This centralization unlocked an array of capabilities, enabling them to **effectively oversee diverse robot types**, **allocate tasks** with precision based on AMR positions, and seamlessly integrate a **forklift avoidance system**.

Seeking for more insights?

Download full case study

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