

PORSCHE X NEURA ROBOTICS

Flexibility in Production with Advanced Robotics and AI

Piloting Neura's advanced robotic solutions
to increase production flexibility in
the logistics areas at Porsche AG.

The Challenge

The automotive industry faces significant logistics challenges, including the need for high efficiency, precision, and flexibility in supply chain management. The complexity of vehicle production, driven by customisation demands and rapid consumer preference changes, increases the need to minimise delays, errors, and decrease costs. Manufacturers must reduce lead times and improve productivity while maintaining high-quality standards.

The Solution

Automation is a crucial solution to these challenges. Robotics & AI solutions, such as automated guided vehicles (AGVs) in combination with Collaboration Robots, can

streamline tasks like material handling and inventory management, reducing reliance on manual labour and minimising errors. Robotics enhance the robustness of processes and can operate continuously, increasing throughput and responsiveness to production demands. At Porsche, the goal is to test robotic solutions for picking and placing bins together with Neura Robotics.

The Outcome

Within the pilot project, it is tested whether implementing automation and robotic solutions in automotive logistics results in improved efficiency, accuracy, and cost-effectiveness. Additionally, we want to decrease manual handling errors and improve workplace safety.

Neura Robotics

Neura Robotics seamlessly integrates intelligent assistants into every aspect of human life

Neura's product enhances productivity, safety, and flexibility by offering advanced cognitive robotics solutions.



Headquarters
Metzingen, Germany

Founded
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No. Employees
200

Website
neura-robotics.com

Acknowledgement

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Project Contact

Philipp Rupprecht
Project Lead Innovation Management
Porsche AG
philipp.rupprecht@porsche.de

Tim Solle
Ventures Mobility
STARTUP AUTOBAHN powered by Plug and Play
t.solle@pnptc.com

About STARTUP AUTOBAHN powered by Plug and Play

STARTUP AUTOBAHN powered by Plug and Play is an open innovation platform that provides an interface between innovative tech companies and industry-leading corporations.

The basis of the program is the partnership that develops between startups and the corporate business units. The two entities hold an equal footing from the get-go: together they evaluate the potential for a joint venture, move forward to pilot the technology, and work to achieve the ultimate goal – a successful production-ready implementation.

Designed with the intention to exceed startup acceleration, STARTUP AUTOBAHN powered by Plug and Play moderates a community for collaboration with a focus on implementable results.

Over the years, the platform has successfully cultivated over 500 projects with more than 350 startups since its founding in 2016. ■

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