

DXC TECHNOLOGY, SCHAEFFLER X ACUMINO

Next-Gen Robotic Intelligence

DXC Technology, Schaeffler and Acumino are exploring a unique AI-driven task training to enhance the automation of packaging processes.

The Challenge

Schaeffler produces a wide range of products in the field of motion technology. Packaging requirements are highly diverse, involving various materials, types, and processes. Currently, much of this complexity is managed through manual packaging, which is time-consuming and hard to scale. DXC Technology identified the need for robotic solutions that are more precise, adaptive and capable of handling complexity. Together with Acumino, Schaeffler and DXC explore how general robotic intelligence can enable dynamic and faster deployment of robotic tasks to achieve scalable automation.

The Solution

Schaeffler, DXC Technology and Acumino collaborate to develop an intelligent robotics solution for complex, variable manual tasks. Acumino introduced a novel training method enabling robots to quickly learn new skills, while DXC aims to integrate this capability into a manufacturer's industri-

al environment. Schaeffler with its knowledge in advanced production technology is testing the solution on various cardboard packaging types. The trial seeks to deliver insights into real-world training needs, technical feasibility, accuracy and economic scalability for global production environments.

The Outcome

While the pilot is ongoing, initial results suggest improved efficiency and reduced setup times for robotic skill training. The collaboration explores how AI-enhanced robotics can unlock smarter, adaptable automation in small- to mid-sized production lots. This new flexibility is especially interesting to enable production sites for local skill training according to their needs and without special prior knowledge. The solution could also serve as a launchpad for a long-term innovation partnership with the ambition of initiating an industry-wide dialogue on the further possibilities of next-gen robotic intelligence.

Acumino

Acumino automates tasks that were thought to be impossible to automate, reducing production costs

Acumino automates manufacturing tasks by employing AI-powered robot workers.

Acumino

Headquarters
Bellevue, United States

Founded
2021

No. Employees
11 – 50

Website
www.acumino.ai

Acknowledgement

We would like to express our sincere thanks to Alexander Linke (DXC), Jürgen Friedrich (DXC), Egidio Gioele Varvarito (DXC), Moritz Glandien (DXC), Dr. Astrid Heckl (Schaeffler), Julius Bockamp (Schaeffler), Dr. Eric Eschner (Schaeffler), Angelo Kumar (Schaeffler), Patrick Jarvis (Acumino), Dr. Minas Liarokapis (Acumino), Geng Gao (Acumino), Reuben O'Brien (Acumino), and Gina Xydia Charmanta (Acumino).

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. ■

expo2025
expo2025.pnptc.events

STARTUP AUTOBAHN powered by Plug and Play
startup-autobahn.com

Plug and Play
plugandplaytechcenter.com

Project Contact

Egidio Gioele Varvarito

Business Innovation Consultant; Partner Manager for STARTUP AUTOBAHN powered by Plug and Play
DXC Technology
e.varvarito@dxc.com

Moritz Glandien

Business Innovation Automotive & Mobility; Partner Manager for STARTUP AUTOBAHN powered by Plug and Play
DXC Technology
moritz.glandien2@dxc.com

Astrid Heckl

Vice President Scouting and Technology
Schaeffler
Astrid.Heckl@schaeffler.com

Julius Bockamp

Innovation Project Manager Scouting and Technology
Schaeffler
Julius.Bockamp@schaeffler.com

Angelo Kumar

Strategic Partnering Manager & Technology Scout and STARTUP AUTOBAHN Program Management
angelo.kumar@schaeffler.com