



Prevas Wins Contract with Kährs for AI-Based Quality Sorting

Prevas has been awarded an order from Kährs to develop an AI-based vision solution for automated sorting and quality inspection of wood flooring. By analyzing each wear layer in real time, the solution will enable a more consistent, efficient, and data-driven production process.

The solution is based on Prevas' proprietary Intelligent Vision Platform, where AI and image analysis work together to interpret and classify each individual wood surface. By combining deep learning with proven image processing algorithms, the system can make fast and reliable decisions directly on the production line. This enables more accurate and consistent sorting, regardless of operator or production conditions.

"This is a clear example of how we, together with our customers, can transform complex challenges into tangible results. By replacing subjective assessments with data-driven analysis, we create a stable and scalable process that delivers long-term value," says Milad Abdhagh, Machine Vision Sales Specialist & Account Manager at Prevas.

The purpose of the collaboration is to maximize the value generated from every produced plank while minimizing variations between operators, shifts, and production volumes. Through AI-based image analysis and models trained on deep domain expertise, consistent product quality can be ensured – every time.

Prevas contributes broad expertise across the entire value chain, from algorithm development to mechanical engineering, electrical design, control cabinet manufacturing, and installation. This enables a full-service delivery and creates a solution where software, hardware, and the production environment work seamlessly together.

"Combining deep learning with traditional image processing in real time places high demands on both the application and the process, especially since wood surfaces can vary significantly in appearance and characteristics. Together with Kährs, we are developing a solution that will deliver more consistent decisions, more accurate sorting, and a more predictable production process," says Niklas Brusén, Machine Vision & System Engineer at Prevas.

Kährs has worked with wood for nearly 170 years and has spent decades driving the development of wood flooring with a strong focus on quality, design, and sustainability. The collaboration with Prevas represents another step toward a more digitalized production environment, where advanced technology helps reduce waste, increase competitiveness, and promote a more sustainable use of natural resources.

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For more information, contact

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About Prevas

Prevas is an innovative development hub focused on product and production development, with ingenuity at its core. With strong technical expertise, business understanding, and advanced capabilities in data and AI, we help customers from a wide variety of industries to benefit through continuous technological innovation. Good for people, planet, and profit. Prevas was established in 1985 and currently employs 1,100 people in Sweden, Finland, Denmark and Norway. Prevas is listed on NASDAQ Stockholm since 1998. For more information about Prevas, visit www.prevas.com.