New partnership to reshape AI robotics for ag

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South Essex Fabricating has signed a partnership agreement with Robovision to pave the way for the research and development of deep-learning software and enhanced AI robotics for the agriculture industry. On Sept 1 Peter Quiring, owner and CEO of South Essex Fabricating, virtually sat down with Jonathan Berte, CEO and co-founder of Robovision, to finalize details on their partnership, which is now rapidly under way.

"Over the next few years, we will see the horticulture industry rapidly shift toward an automated, data-driven system — not designed to take away from industry jobs, but instead to remove the mundane processes attributed to many of the day-to-day growing functions," said Quiring. "Simply, AI advancements will give us a greater output both in quality and quantity without changing the natural elements throughout the growing process."

SEF, a leader in premier greenhouse fabrication with over 20 years of horticulture experience, is teaming up with AI powerhouse Robovision to develop advanced robotics and algorithmic software. This collaboration will position both companies at the forefront of their industries by combining much-needed high-tech machines backed with AI capabilities to standardize and regulate labor-intensive tasks.

This partnership concretely shows the shift within the agriculture industry, where the future of agronomy will rely on robotics and data-driven technology. The goal is to use AI in a way to enhance the wisdom and experience of the head grower, by allowing the continual exchange of information between human and machine. Sustainable vegetable production relies on utilizing the abundance of plant science, which now can be clearly accumulated with Robovision's algorithmic platforms. Using

those science-based findings will allow us to create customized, automated products that result in high-quality yields with less contamination and waste.

"As innovators, our mindset is always to improve, both throughout build and construction and within the entire operating and cultivating process," said Quiring. "I am excited about this new venture with Robovision and the endless smart solutions that can be achieved within this industry. No matter what industry you do business in, AI is the future, and we are here to embrace that."

"This partnership is a great match, as South Essex Fabricated bring tons of business knowledge and network, which combined with our solid technical knowledge and experience in scaling AI-powered horti-robotics will ensure that we create scalable, high-performing products that answer to business needs," said Berte. "Robovision can close the gap between European technology start-ups and concepts and the Notth American market."

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