

Tavant introduces AI agents for enhancing agriculture and food industry operations

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Tavant, a leading AI-driven technology solutions and services provider, announced the launch of AI Agent accelerators developed for the Agriculture and Food value chain. Built using Microsoft Copilot Studio, these agents have the potential to enable transformative impact across farm productivity, logistics and supply chain, sales, regulatory compliance and agri-lending.

The first two AI agents, Sales Assistant and Virtual Agronomist, tackle key challenges in farm management by leveraging AI to automate processes and provide real-time insights. These solutions reduce manual workloads, improve transparency, and enhance decision-making for growers.

- Sales Assistant enables growers to place orders for seeds, fertilizers, pesticides, or nutrients via email, chat, or messaging with their preferred agri-retailer or dealer, eliminating the need for marketplaces or online order management systems. Farm co-ops and agri-retailers can then process these orders seamlessly with AI-driven automation, ensuring faster fulfillment, reduced manual effort, and real-time tracking.
- Virtual Agronomist acts as a 24/7 AI-powered agronomist, providing farmers with on-demand advice for crop-related queries. By leveraging AI-driven insights, it enhances decision-making, improves efficiency, and ensures farmers have instant access to expert guidance whenever they need it.

“Tavant has been driving AI-led innovation across the entire agricultural value chain - helping some of the world’s largest agribusinesses optimize operations, improve decision-making, and enhance sustainability,” said Vikas Khosla, President, Hitech Business at Tavant. “With deep expertise spanning farm operations to food supply chains and a global understanding of agriculture, we give our clients a distinct advantage in an evolving industry. Our AI-driven solutions, powered by Microsoft Copilot Studio, empower agribusinesses to stay at the forefront of innovation - boosting efficiency, reducing costs, and making smarter, faster decisions in an increasingly complex landscape.”

“AI has the potential to fundamentally transform the agricultural industry, and Tavant is well positioned to bring this transformation to life,” said Pepijn Richter, General Manager retail, consumer goods, and agriculture at Microsoft. “With deep expertise in AI and a strong understanding of the agriculture domain, Tavant utilizes Microsoft Copilot Studio to build agentic solutions that streamline operations, enhance decision-making, and drive real impact for growers worldwide.”

As Tavant expands its AI Agents Accelerator Library, enterprises can look forward to more intelligent, efficient, and sustainable solutions that enhance productivity, profitability, and long-term resilience across the value chain.