GATHER AI

Gather AI Leverages New ModalAI® Starling 2 Logis Drones for Greater Warehouse and Inventory Data Capabilities

Addition of US-based drones will double inventory scanning speed, enhance accuracy with 3D data, and expand offerings for increased efficiency

Pittsburgh, PA – February 10, 2025 – Today inventory intelligence solution **Gather AI** announces it will augment its DJI drones with new **US-made Starling 2 Logis drones powered by ModalAI's VOXL 2 autopilot for customer warehouse inventory data gathering**. This addition, available in Q2 2025, will help warehouse operation and innovation teams maximize the Gather AI software solution for even more efficient counts and application flexibility.

Gather AI computer vision technology enables drones to fly autonomously through warehouses with no GPS, WiFi, or infrastructure changes needed. The machine learning algorithm analyzes inventory pictures and reads and interprets far beyond the barcode including lot codes, text, expiration dates, case counts, and occupancy information. Warehouse operators can compare their real-time physical inventory with the warehouse management system (WMS) data, to make any changes necessary for maximum accuracy. The solution is most commonly used across third-party logistics (3PL), retail distribution, manufacturing, and food & beverage to date, but it

can be applied to any warehouse with racking. See more about how Gather AI works [here](#) and customer testimonials [here](#).

Key benefits of Starling 2 Logis drones:

- Scan 25X faster than manual methods.
- Increase the inventory scanning speed from an average 900 pallets per hour up to 1,500 pallets per hour.
- Improve inventory accuracy to 99.9%.
- Fly in narrower aisles. DJI drones can fly in very narrow aisles (typically as narrow as 5 feet 4 inches wide), but Starling 2 Logis drones can fly in aisles as narrow as 4 feet 5 inches wide.
- Experience new dynamic obstacle avoidance capabilities.
- See richer [inferred case counting and location occupancy estimation capabilities](#), thanks to image and depth data access, especially in double deep racking contexts.

"Our hardware-agnostic AI and computer vision stack empowers logistics and supply chain customers with unparalleled flexibility and access to cutting-edge solutions," said **Gather AI CEO & Co-Founder, Sankalp Arora, Ph.D.** "Our inherent ability to upgrade to better hardware has enabled us to launch a more capable and efficient inventory intelligence device, which is completely made in the USA. You will see Gather AI's AI stack support more forms of hardware as we pursue pervasive digitization of warehouse workflows."

"ModalAI is proud to partner with Gather AI on the development of the Starling 2 Logis," said **ModalAI CEO & Co-Founder, Chad Sweet**. "Gather AI's rapid time to market is another win for ModalAI and our mission to help developers accelerate their path to autonomy with our US-made VOXL 2 autopilot, ready-to-fly development drones, and open software."

To learn more about the Gather AI solution, please visit www.gather.ai, and meet their team at industry conferences including Manifest, HumanX, ProMat, and others.

About Gather AI: Pittsburgh-based Gather AI is a market leader in supply chain AI to decrease the cost of inventory, improve productivity, and boost revenue. Gather AI was founded in 2017 by Carnegie Mellon University alumni Sankalp Arora, Ph.D., Daniel Maturana, Ph.D., and Geetesh Dubey. The Gather AI solution is currently deployed in warehouses across third-party logistics, retail distribution, manufacturing, food & beverage, and air cargo at companies including GEODIS, Langham Logistics, NFI Industries, Barrett Distribution, Army & Air Force Exchange Service (AAFES), and more. Gather AI was named a 2024 CB Insights AI 100 company and received several other awards from trade media outlets in the past year. Gather AI is backed by Bain Capital Ventures, Tribeca Venture Partners, Xplorer Capital, Dundee Venture Capital, Expa, Bling Capital, and XRC Ventures. To learn more about Gather AI, visit www.gather.ai and on YouTube and LinkedIn.

About ModalAI, Inc.

ModalAI® accelerates development of smaller, smarter and safer drones and robots with SWAP-optimized Blue UAS Framework VOXL autopilots built in the U.S.A. From home and business security to retail and government applications, the company's highly-integrated AI-powered modules empower a variety of industries that utilize aerial and ground autonomous systems to navigate in GPS-denied environments.

ModalAI's VOXL product line helps manufacturers and independent builders get to market quickly and affordably. For more information, visit www.modalai.com.

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