

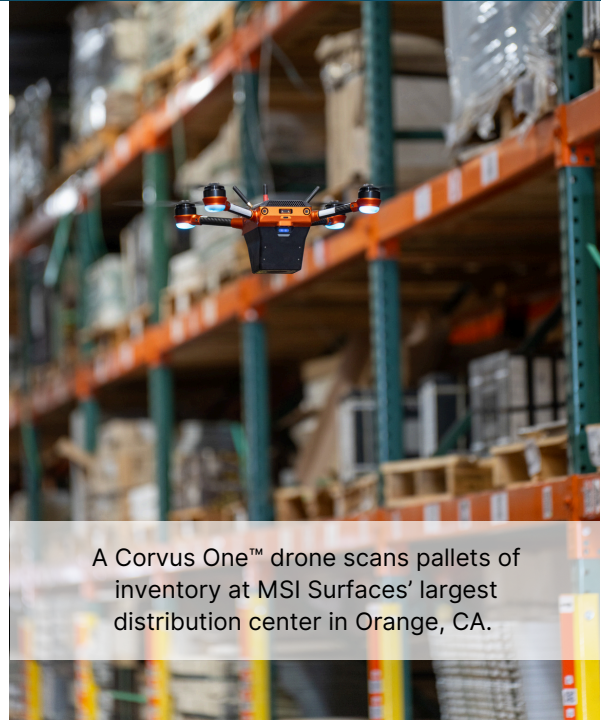
MSI Surfaces Revolutionizes Inventory Management with Corvus One™ Drones

Challenges:

- **Fulfillment speed:** Lost or misplaced inventory delayed customer deliveries and negatively affected customer expectations
- **Inefficient use of labor:** Dedicated 2-4 warehouse associates to manually scan inventory for auditing
- **Productivity:** Labor pulled from fulfillment tasks to locate material or vice versa, impacting operational productivity

Solution:

- Implemented the Corvus One™ Autonomous Inventory Management System to more accurately and efficiently track material across its four national distribution centers. Instead of performing wall-to-wall physical inventory checks once a year, the Corvus One™ drones perform daily cycle counting flights, providing MSI with accurate, real-time inventory data.



A Corvus One™ drone scans pallets of inventory at MSI Surfaces' largest distribution center in Orange, CA.

Impact:

- **20x Faster Cycle Counting:** Significantly sped up inventory audits
- **\$100K Labor Reallocation:** Freed up from cycle counting and redirected to more value-adding tasks
- **Recovered Millions in Lost Inventory:** Identifying and retrieving previously misplaced items
- **Zero Operational Disruptions:** Smooth integration with no interruptions to daily operations
- **Enhanced Customer Satisfaction:** Faster and more accurate order fulfillment
- **Increased Labor Productivity:** More efficient operations with actionable inventory data
- **Prevention of Future Errors:** Corrections made to workflows and processes to avoid repeat mistakes

“We used to dedicate labor resources to do inventory audits. Now we have drones, which saves us a ton of time and allows us to reallocate our resources to more value-adding tasks like picking or replenishment.”

Reggy Soenarso, SVP of Operations - MSI Surfaces

About:

MSI Surfaces is the largest independent source in North America for countertops, flooring, wall tile, and hardscaping surfaces. Founded in 1975, MSI has grown to nearly \$3B in annual revenue with over 400,000 global employees.