DATALOGIC UNVEILS INNOVATIVE SCANNING AND AUTOMATION TOOLS TO OPTIMIZE SUPPLY CHAINS AT PROMAT 2025

Chicago, March 17-20, 2025 – The Transportation & Logistics sector is evolving rapidly, driven by the rise of e-commerce and the growing demand for speed, accuracy, and automation. To stay competitive, companies must adopt cutting-edge technologies that streamline operations, minimize errors, and enhance visibility across workflows. As a global leader in data capture and industrial automation, Datalogic delivers state-of-the-art solutions that maximize productivity and precision throughout logistics processes – from inbound receipt to outbound delivery – ensuring flawless execution and superior results.

Optimizing critical T&L applications

- High-speed conveyor scanning: In high-volume environments, conveyor parcels require both precision and speed to guarantee accurate tracking and prevent delays. The Matrix™ family, AV900, and AV7000 12K scanners leverage advanced imaging technology to improve efficiency.
- Pallet identification: Accurate tracking of palletized loads is crucial for maintaining seamless warehouse operations. High-precision technology enables smooth workflows with intelligent Pallet ID systems.
- Object and pallet height detection and measurement on conveyors: Precise detection and measurement of objects and pallets on conveyors are essential for accurate tracking, sorting, and positioning in intralogistics. The new DS4 Area Sensor from Datasensing enhances automation efficiency by reducing errors, preventing misrouting, and optimizing performance. It accurately detects both opaque and transparent items, even at high speeds, ensuring reliable operations in manufacturing and intralogistics.
- Order fulfillment efficiency: Fast-paced distribution centers demand both speed and accuracy. Advanced data capture technology enhances picking, packing, and shipping efficiency, powered by Datalogic's versatile mobile computing lineup, including the adaptable Skorpio™ X5, the secure Memor™ 30-35 family,and the wearable CodiScan.
- Warehouse management: Modern logistics hubs use RFID readers to streamline inventory handling. The PowerScan™ 9600 RFID reduces manual effort, prevents mistakes, and offers instant inventory visibility.
- Field service and last-mile delivery optimization: Real-time tracking and reliable data enhance field activities. Operators depend on the sleek, ultra-slim enterprise-grade PDA devices such as the Memor 12-17,for consistent scanning and uninterrupted connectivity.
- Collision avoidance: A highly sought-after feature in intralogistics environments, where transportation vehicles frequently share workspaces. The LGS-A10, a compact and cost-effective LiDAR with exceptional capabilities, provides the flexibility needed for diverse applications.

Discover innovation at ProMat 2025

Datalogic will showcase its latest advancements at ProMat 2025 in Chicago from March 17 to 20. Attendees can participate in live demonstrations, experience breakthrough technology in action, and connect with specialists to discover how these innovations enhance supply chain efficiency.

Join us at Booth S3718 to see how smart automation can drive your company forward.