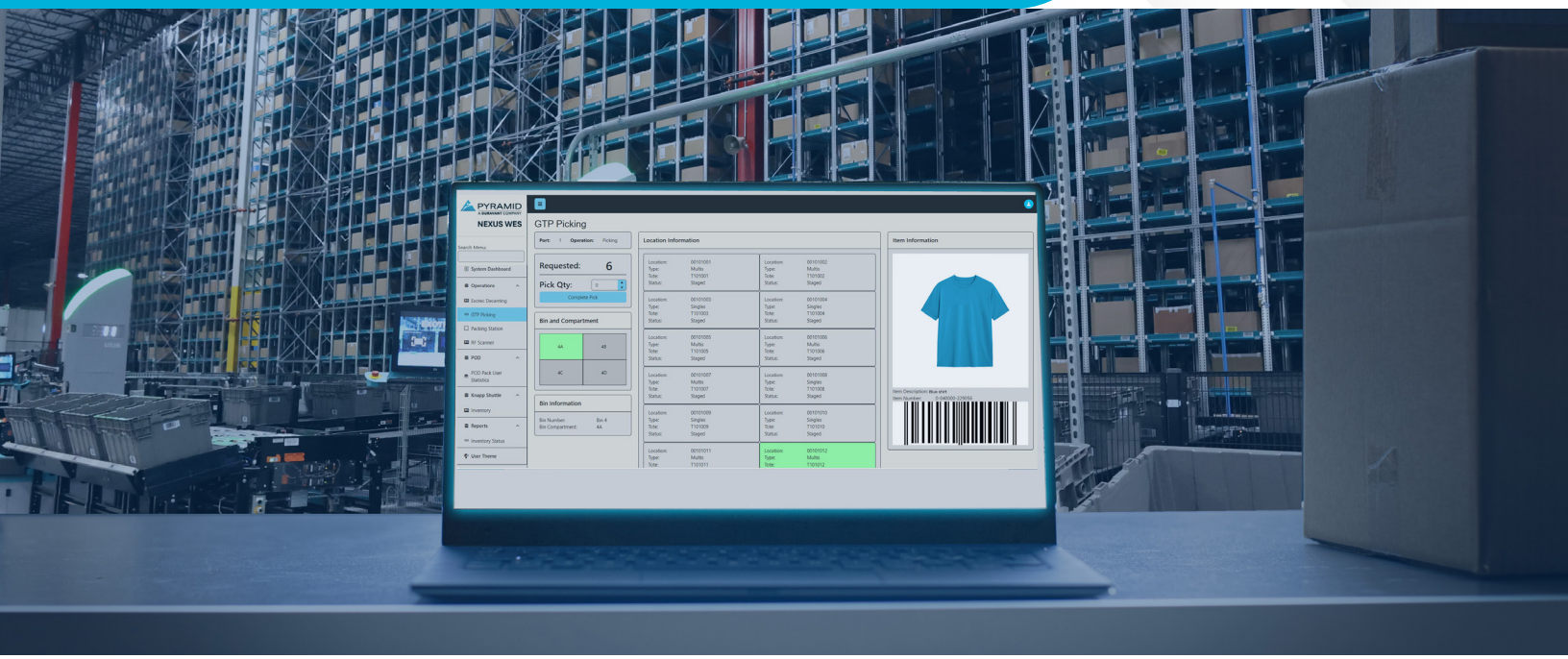
GOODS-TO-PERSON



NEXUS WES Software Solutions for GTP

A great AS/RS needs a great Warehouse Execution System (WES). A WES is software that manages and optimizes warehouse and distribution center operations by coordinating the real-time execution of tasks and resources between the Warehouse Management System (WMS) and the Warehouse Control System (WCS). By orchestrating work in real time, a WES improves AS/RS efficiency by optimizing routing, storage, and retrieval decisions amid today's operational complexities. With these dynamic decision-making capabilities, your business can maximize the effectiveness of AS/RS and Goods-to-Person (GTP) stations.

NEXUS WES

NEXUS is built on decades of experience implementing large scale factory automation projects, combining the best of our two proven WES/WCS products — Compass CORS and Pyramid Director. NEXUS extends this legacy into a unified execution platform designed for modern distribution centers.

Task Management

NEXUS offers task management capabilities, allowing the system to assign, prioritize, and manage tasks within the warehouse. Using real-time conditions and priorities, it dynamically manages tasks like picking, replenishment, putting away, sorting, and packing.

Key Order Prioritization Features

- Prioritize Orders by Pick Efficiency
- By Service Level (SLA)
- Age
- Pod Active Work (PAW)
- Hospital Orders
- Chase Waves
- By Wave, Order, or Batch

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Real-Time Visibility

NEXUS is equipped with advanced performance analytics tools for invaluable insights into your warehouse operations. By analyzing data on KPIs such as order processing times, inventory accuracy, equipment utilization, and labor productivity, the system helps to identify bottlenecks, inefficiencies, and areas for improvement. NEXUS has the added option to view multiple distribution centers data for comparison.

Resource Allocation

NEXUS intelligently allocates material handling equipment (MHE), such as conveyors, sorters, and automated guided vehicles (AGVs), to execute tasks by considering their availability, capacity, and capabilities. This dynamic allocation ensures that resources are utilized optimally, minimizing idle time and maximizing productivity.

Integration Optimization

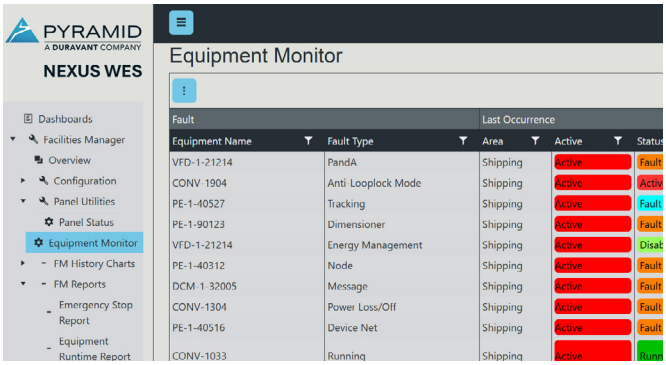
As flexible and scalable software, NEXUS integrates with other systems including Warehouse Management System (WMS), Warehouse Control System (WCS), Enterprise Resource Planning (ERP) system, material handling equipment, bar code scanners, and other automation systems. Whether it is incorporating Artificial Intelligence (AI) for advanced analytics or integrating with robotics for improved material handling, the system is designed to embrace innovation.

NEXUS Benefits

NEXUS serves as the brain of a warehouse, streamlining processes for agile operations. By investing in this end-to-end solution, you gain 24/7 support, scalability, and equipment agnosticism.

Continuous support ensures issues can be addressed promptly, reducing downtime, while scalability allows your system to grow with your business, maximizing your investment.

Our equipment-agnostic approach ensures seamless integration with various hardware, offering flexibility and future-proofing your operations to enhance efficiency and productivity.



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