Warehouse Automation Analytics

Performance metrics and automation optimization insights

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Automation Overview

Total Warehouses: 5
Total Robots: 53

Average Utilization: 74.3% Throughput Increase: 34.2% Labor Cost Reduction: 28.5%

ROI Period: 2.3 years

Warehouse Performance

Warehouse Location	Capacity Used	Inbound/ Day	Outbound/ Day	Picking Accuracy	Automation Level	n Status
Distribution Chicago, IL Center A	64.6%	2,859	2,361	99.1%	66.0%	Improvemen t Needed
Distribution Dallas, TX Center B	71.6%	2,820	3,956	97.1%	67.2%	Improvemen t Needed
Distribution Atlanta, GA Center C	74.8%	1,982	3,050	98.8%	66.2%	Improvemen t Needed
Distribution Los	55.7%	2,061	2,169	95.7%	82.9%	Optimized
Center D Angeles, CA Distribution Newark, NJ Center E	^A 62.1%	1,263	3,634	98.5%	89.1%	Optimized

Optimiz ation O pportun ities

Deploy 5
additional
AGVs in
Warehouse
3 to
increase
throughput
by 20%
• Imple

ment voicepicking system to improve accuracy to 99.8%

- Upgra de WMS integration for real-time inventory visibility
- Add au tomated sortation system for small package handling
- Imple ment predictive analytics for demand-based staffing
- Consid er AS/RS system for highvelocity SKUs