Warehouse Automation Analytics

Performance metrics and automation optimization insights

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Automation Overview

Total Warehouses: 5
Total Robots: 58

Average Utilization: 78.6% 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	Status
Distribution Chicago, IL Center A	101.0%	2,765	3,447	95.8%	73.4%	Improvemen t Needed
Distribution Dallas, TX	56.8%	2,421	2,343	98.6%	90.6%	Optimized
Center B Distribution Atlanta, GA Center C	88.7%	2,482	2,237	97.3%	61.2%	Improvemen t Needed
Distribution Los	42.5%	2,757	2,860	99.0%	92.5%	Optimized
Center D Angeles, CA Distribution Newark, NJ Center E	¹ 65.4%	1,119	1,577	97.5%	75.3%	Improvemen t Needed

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