

Warehouse performance analytics reporting

Automatically generates comprehensive warehouse performance reports by collecting data from multiple systems, analyzing KPIs, and distributing insights to stakeholders for operational optimization.

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Get Your Blueprint



WORKFLOW TRIGGER

End of shift or daily reporting schedule is reached

Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.



STEP 2 · ACTION
Extract Warehouse Operations Data
SAP Extended Warehouse Management
Manhattan Associates WMS

STEP 3 · ACTION
Aggregate Multi-System Performance Metrics
Oracle Warehouse Management
Blue Yonder WMS

STEP 4 · DECISION
Evaluate Performance Thresholds
n8n Conditional Logic

STEP 5 · ACTION
Generate Comprehensive Analytics Report
NetSuite WMS Microsoft Power BI

STEP 6 · ACTION
Distribute Reports to Stakeholders
Microsoft Outlook Slack

STEP 7 · OUTPUT
Archive Report and Update Baselines
SharePoint
SAP Extended Warehouse Management



Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

Initiate Performance Report Generation

Workflow is triggered at the end of each shift or on a daily schedule. System begins collecting performance data from the previous period.

n8n Scheduler

2

⚙️ ACTION

Extract Warehouse Operations Data

Pulls picking rates, order fulfillment times, inventory levels, and labor productivity metrics from the warehouse management system. Data includes completed orders, cycle counts, and resource utilization.

SAP Extended Warehouse Management

Manhattan Associates WMS

3

⚙️ ACTION

Aggregate Multi-System Performance Metrics

Combines operational data with inventory accuracy, throughput statistics, and error rates from multiple warehouse systems. Calculates key performance indicators and variance analysis.

Oracle Warehouse Management

Blue Yonder WMS

4

Evaluate Performance Thresholds

Compares current metrics against predefined targets and historical benchmarks. Determines if any KPIs fall below acceptable thresholds requiring immediate attention.

n8n Conditional Logic

5

 ACTION

Generate Comprehensive Analytics Report

Creates detailed performance dashboard with charts, trends, and actionable insights. Includes recommendations for process improvements and resource allocation optimization.

NetSuite WMS

Microsoft Power BI

6

 ACTION

Distribute Reports to Stakeholders

Automatically sends customized reports to warehouse managers, operations teams, and executives via email or dashboard notifications. Escalates critical performance issues to appropriate personnel.

Microsoft Outlook

Slack

Archive Report and Update Baselines

Stores completed report in document management system and updates historical performance baselines. Prepares system for next reporting cycle.

SharePoint

SAP Extended Warehouse Management



Outputs

- Daily warehouse performance dashboard
- KPI variance analysis report
- Automated stakeholder notifications



Key Metrics

- Order fulfillment accuracy rate
- Average picking time per order
- Inventory turnover ratio



Tools & Integrations

AI Business OS

- n8n Scheduler
- SAP Extended Warehouse Management
- Manhattan Associates WMS
- Oracle Warehouse Management
- Blue Yonder WMS
- NetSuite WMS
- Microsoft Power BI
- Microsoft Outlook
- Slack
- SharePoint
- n8n Conditional Logic

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