



GUIDE · MATERIAL

The Warehouse Automation Readiness Guide

A practical framework for deciding how much warehouse automation your operation actually needs.

IIOT INFOTECH · RELATED SOLUTION: SMART WAREHOUSE MANAGEMENT PLATFORM

How to think about this decision

Four questions to work through before evaluating any vendor — including us.

1. Diagnose before you automate

Before evaluating any WMS platform, measure four numbers honestly: current stock-locate time, pick accuracy rate, cycle-count downtime cost, and dispatch error rate. These four numbers, more than any vendor demo, tell you which modules will pay back fastest.

2. The before/after benchmark worth knowing

Across comparable deployments: stock-locate time drops from 15-30 minutes to under 2 minutes; pick accuracy rises from 95-97% to 99.7%+; cycle-count effort drops from a 2-3 day shutdown to continuous, zero-downtime counting; dispatch error rate falls from 2-3% to under 0.3%; dock-to-stock time drops from 4-6 hours to 60-90 minutes.

3. Sequencing: dock-to-stock first, cold chain and automation later

The highest-value early phase is almost always inbound and putaway accuracy, since errors there compound downstream. Cold-chain monitoring, ASRS integration, and advanced wave planning are valuable but should follow — not lead — a solid inbound and inventory-accuracy foundation.

4. The question every warehouse leader should ask a vendor

"Show me the before/after on dispatch error rate, not just inventory accuracy." Inventory accuracy is table stakes; dispatch error rate is where wrong-shipment disputes, chargebacks and customer trust actually get lost.

WHERE IIIOT FITS

If you decide to move forward

Smart WMS is built around the framework above, not around a generic feature list.

Vision-Verified Picking

System-directed pick paths minimise travel distance, with a camera confirming item and location match at every single pick.

Smart Cartonization

A cartonization engine recommends the right carton to cut dunnage waste, with an IoT scale validating weight before sealing.

Vision-Verified Dispatch

Load verification before trailer seal, automatic gate-out logging via license plate recognition, and full dock-to-delivery lineage generated on dispatch.

99%

INVENTORY RECORD ACCURACY

30% less

PICK & PUTAWAY ERRORS

25% less

DOCK-TO-STOCK TIME

22% more

LABOR PRODUCTIVITY

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