VIPA Hellas: Achieving container-level inventory visibility and warehouse accuracy with Business Central and Insight Works

Summary

Customer
VIPA Hellas

Industry
Recycling and recovered materials

Location
Athens, Greece

Business Central Version
Business Central online

Partners
BEWISE SA (Microsoft Partner)
Insight Works (ISV)

Solution
- Microsoft Dynamics 365 Business Central
- Advanced Inventory Count
- Barcode Generator PowerTool
- Import Export PowerTool
- PrintNode Connector PowerTool
- Warehouse Insight

Results
- Counts cut from two to three days to hours
- Full container-level traceability across warehouse processes
- Single allocation view for containers and reservations
- Real-time warehouse operations on mobile devices
- Higher picking accuracy through barcode-driven workflows
- Barcode generation standardized within Business Central
- Direct cloud printing without PDF conversion



ABOUT VIPA HELLAS

Headquartered in Athens, VIPA Hellas is a member of the VIPA Group and trades and manages recovered, non-hazardous recyclable materials, paper, board products, and pulp. The company operates in a container-driven environment, with yearly trading quantities exceeding 450,000 tonnes.

CHALLENGES: BUSINESS CENTRAL GAPS FOR A RECYCLING OPERATION

VIPA Hellas ran a separate warehouse management system alongside its ERP with no integration between the two, forcing staff to manually reconcile data across systems. Inventory counts required multiple staff and took two to three days to complete, and barcode generation happened outside Business Central entirely, creating a risk of duplication.

Working with BEWISE SA, the goal was to unify both systems into a single, container-aware environment.

SOLUTION: HOW VIPA HELLAS EXTENDED BUSINESS CENTRAL ACROSS WAREHOUSE, INVENTORY, AND DATA OPERATIONS

VIPA Hellas deployed five Insight Works applications alongside Microsoft Dynamics 365 Business Central Cloud, complemented by a custom container visibility interface developed by BEWISE SA.

1. Real-time warehouse execution and container traceability: Warehouse Insight is used by the warehouse team on mobile devices to execute receipts, put-away, picks, movements, and shipping in real time. This replaced the disconnected WMS with full visibility at item, lot, and container level.

2. Container-level inventory visibility and allocation decision support: BEWISE SA developed a custom interface within Business Central, accessible directly from Sales, Purchase, and Transfer Orders, giving users a consolidated view of available containers, lot contents, quantities, and reservation data.

3. Structured inventory counting with automated reconciliation: Advanced Inventory Count is used by inventory staff to conduct structured physical and cycle counts with multi-user entry, flexible count sheets, and automated lot and serial number reconciliation.

4. Standardized barcode generation across container workflows: Barcode Generator PowerTool is used by VIPA Hellas to embed 1D and 2D barcodes into Business Central reports and documents. This is a completely free app from Insight Works for Business Central.

5. Accelerated bulk data operations: Import Export PowerTool replaced manual and workaround-dependent data handling with structured, validated import and export operations directly within Business Central. This is a completely free app from Insight Works for Business Central.

6. Direct cloud printing for labels and operational documents: PrintNode Connector PowerTool enables direct printing of barcode labels and reports to local and network printers. This is a completely free app from Insight Works for Business Central.

A CONTAINER-FOCUSED IMPLEMENTATION BUILT ON OPERATIONAL TRANSLATION

VIPA Hellas deployed the solution in Q2 2025, with BEWISE SA leading the engagement end to end. The most demanding aspect of the project was translating VIPA's container-based operational model into structured system workflows.

Despite that complexity, user adoption went better than expected; staff adapted quickly.

The deployment was rated five out of five by the client, and Antonis Kakavas of BEWISE SA noted that Insight Works apps addressed key operational requirements for VIPA Hellas, with minimal custom development.

RESULTS: REAL-TIME VISIBILITY, FASTER COUNTS, AND A UNIFIED OPERATION

VIPA Hellas reported measurable improvements following the deployment.

- Inventory counts reduced from two to three days to a matter of hours, completed by fewer staff with greater accuracy
- Full container-level traceability established across all warehouse processes
- Container inventory and reservation data consolidated into a single allocation view
- Warehouse operations fully digitized and executed in real time through mobile devices
- Picking accuracy improved through barcode-driven workflows
- Barcode generation standardized within Business Central
- Bulk data operations accelerated
- Cloud printing enabled directly from Business Central, removing the PDF conversion step

"Before implementing the solution, we struggled with limited visibility and control over our container-based warehouse operations. With Warehouse Insight and the supporting apps, we now have real-time, structured processes and full traceability across all operations. The improvement in accuracy and efficiency has been significant. We would definitely recommend this solution to businesses with complex warehouse and container management requirements." **Charalampos Chatzidamianos, CFO, VIPA Hellas**

FROM DISCONNECTED SYSTEMS TO A UNIFIED, CONTAINER-AWARE OPERATION

By extending Business Central with Insight Works applications, VIPA Hellas moved from a fragmented setup running a separate WMS alongside its ERP to a single, container-aware operation with real-time visibility at every stage. VIPA Hellas now has a foundation it can build on as its operations continue to scale.

About Insight Works

Insight Works is a Microsoft Dynamics 365 Business Central ISV (independent software vendor) specializing in warehouse management, manufacturing, and productivity solutions. With a portfolio of apps available on Microsoft Marketplace, Insight Works helps distributors, manufacturers, and wholesalers extend Business Central to fit the way they actually work. Learn more at insight-works.com.

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