

VIPA Hellas: Achieving Container-Level Inventory Visibility and Warehouse Accuracy with Business Central and Insight Works

Summary

Customer

VIPA Hellas
viparecycling.gr



Industry

Recycling and Recovered Materials

Partners

BEWISE SA (Microsoft Partner)
Insight Works (ISV)

Solution

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

Results

- Inventory counts reduced from 2–3 days to hours
- Full container-level traceability across all warehouse processes
- Warehouse operations fully digitized and real-time
- Container inventory and reservation data consolidated into a single allocation view
- Picking accuracy improved through barcode-driven workflows
- Barcode generation standardized within Business Central
- Bulk data operations accelerated with reduced manual errors
- Cloud printing enabled for labels and documents from Business Central



ABOUT VIPA HELLAS

Established in 2013 and headquartered in Athens, VIPA Hellas is a member of the VIPA Group and a leader in trading and managing recovered, non-hazardous recyclable materials, paper, board products, and pulp. On a yearly basis, trading quantities exceed 450,000 tonnes.

BUSINESS CENTRAL GAPS FOR A RECYCLING OPERATION

VIPA Hellas operates in a container-driven environment, but its previous setup ran a separate WMS alongside its ERP with no integration, forcing manual data reconciliation between the two. Inventory counts required multiple staff and two to three days to complete, and barcode generation happened outside the system, creating duplication risk. Working with BEWISE SA, the team could move to unify both systems into a single, container-aware environment.

“We identified that Insight Works apps would address most of VIPA’s operational requirements with minimal custom development. This enabled us to focus on the container-specific business processes while relying on Insight Works’ proven solutions for warehouse management.” — **Antonis Kakavas, ERP Technical Lead, BEWISE SA**

SOLUTION: EXTENDING 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, to address container-level traceability, warehouse execution, inventory allocation, inventory counting, barcode management, data operations, and cloud printing.

1. Real-Time Warehouse Execution and Container Traceability: The warehouse team uses the Warehouse Insight app on mobile devices to execute receipts, put-away, picks, movements, and shipping in real time from the floor, replacing 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.

Users can quickly see whether a container is already committed to a customer or order, enabling informed allocation decisions without manually reconciling stock across multiple pages.

3. Structured Inventory Counting with Automated Reconciliation: Inventory staff use the Advanced Inventory Count app to conduct structured physical and cycle counts with multi-user entry, flexible count sheets, and automated lot and serial number reconciliation. Counts that previously took two to three days now complete in a matter of hours with fewer staff.

4. Standardized Barcode Generation Across Container Workflows: VIPA Hellas uses the Barcode Generator PowerTool to embed 1D and 2D barcodes into Business Central reports and documents, aligning barcode generation directly with container-based scanning workflows. This is a completely free app from Insight Works for Business Central.

5. Accelerated Bulk Data Operations: The 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: Running Business Central in the cloud introduced printing requirements that standard browser output could not address. The PrintNode Connector PowerTool enables direct printing of barcode labels and reports to local and network printers, removing the PDF conversion step entirely. This is a completely free app from Insight Works for Business Central.

ONE VIEW, EVERY CONTAINER: SMARTER ALLOCATION DECISIONS INSIDE BUSINESS CENTRAL

VIPA Hellas deployed in Q2 2025, with BEWISE SA leading the engagement end to end. The most demanding aspect was translating the company's container-based operational model into structured system workflows, yet user adoption went better than expected. Staff adapted quickly, aided by the clearer structure the new environment provided, and the deployment was rated five out of five by the client.

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

VIPA Hellas reported measurable improvements across inventory management, warehouse execution, and operational efficiency following the deployment, including:

- Barcodes and mobile devices for 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, resolving the core visibility gap the previous setup could not address.
- Container inventory and reservation data consolidated into a single allocation view, accessible directly from Sales, Purchase, and Transfer Orders.
- Warehouse operations fully digitized and executed in real time through mobile devices, replacing a disconnected, partially manual environment.
- Picking accuracy improved through barcode-driven workflows, reducing manual errors in outbound processes.
- Barcode generation standardized within Business Central, eliminating duplication risks from off-system processes.
- Bulk data operations accelerated with reduced manual effort and improved consistency across the system.
- Cloud printing enabled from Business Central, removing the PDF conversion step for labels and operational documents.

"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 achieved container-level traceability, real-time warehouse execution, and a dramatic reduction in inventory count time — demonstrating what becomes possible when system design is built around the actual shape of a business.

About Insight Works

Insight Works is a leading 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 AppSource, Insight Works helps distributors, manufacturers, and wholesalers extend Business Central to fit the way they actually work. Learn more at dmsiworks.com.

