

Real-time inventory tracking improves inventory accuracy and shipping in beverage company's global operations.

Inventory Visibility Case Study

Food and Beverage Manufacturer Global Operations

One of the world's largest non-alcoholic beverage companies and the world's largest retailer brand soft drink provider is using TransitionWorks for their real-time barcode data collection solution to improve inventory accuracy, customer service and shipping efficiencies in their operations.

- Headquarters: North America
- Multiple manufacturing facilities in North America and Europe



Business Issues

The company was implementing BPCS ERP system and needed an automated data collection system to feed real-time inventory movements directly into BPCS. Entering data on the green screens was not an option and delayed the entry of data. They needed a system that would:

- Provide real time inventory data into BPCS
- Increase efficiencies for material handling
- Provide data for critical recall of product if needed
- Reduce paperwork to the warehouse
- Be flexible and scalable to be modified for their specific needs
- Provide lot traceability and force FIFO (FEFO – first expiration first out) picking for customer shipments, reducing obsolete inventory.

TransitionWorks Solution

Real-Time information

The solution for this company required a customized approach using TransitionWorks Design Time to develop specific inventory transactions feeding into BPCS.



The TransitionWorks Adapter for BPCS is used to post the inventory, purchasing, shop order receipts, and customer picking transactions. Crystal reports was used to print the bill of lading upon completion of customer picking process and meets other reporting requirements. A variety of RF hardware was implemented as part of this application such as: vehicle mounted units, hand held scanners, and bar code printers.

The recommended solution included:

- Inventory Visibility (customized)
- TWS-Design Time
- TWS-Run Time
- Adapter for BPCS – Order Entry
- Variety of RF hardware including VMU's and hand held scanners



"With this technology, we not only capture inventory in real-time, but validate on the RF devices and track inventory movements as they occur by the plant and warehouse employees," stated the Operations Manager.

Business Benefits

Putting the end user in control to manage the business transactions and making the user responsible for the information was a key goal for the solution. Scan and validate inventory transactions as products are received, manufactured and shipped eliminated errors and reduced labor significantly.

- Increased inventory accuracy
- High Availability 24/7
- Easy integration into BPCS
- Scalable to all facilities
- Handled heavy volumes of data
- Ability to communicate to PLC's on the palletizer
- Reduced inventory shrinkage due to obsolescence
- Increased material handler efficiencies
- Increased accuracy of customer orders shipped



INVENTORY MANAGER

Lessons Learned

According to the Project manager, ***“Phase the project! Once users understand the power of TransitionWorks software, they want to immediately start adding to the project. It is like unleashing the user’s imagination for everything they have every wanted a data collection system to do for them.”***

About TransitionWorks Software

TransitionWorks Software is dedicated to helping our customers improve efficiencies and simplify business processes. Since product inception in 1997, our TransitionWorks Software organization has accomplished this goal by iteratively developing, delivering and supporting a set of solutions that help manufacturing/distribution companies simplify and automate key supply chain processes using automated data collection technology such as barcode, RFID and voice. With proven, successful implementations world-wide, TransitionWorks’ premier solutions for Inventory and Asset management is the system of choice for many leading companies in the world.

TransitionWorks Software Solutions:

Inventory Visibility

Asset Visibility

Sales Visibility

Custom Process Solution

Integration Capabilities – BPCS, SAP, Oracle, JDE, Legacy, etc.

For more information on TransitionWorks Software please visit us at www.transitionworkssoftware.com, email info@transitionworkssoftware.com or give us a call at (678)-691-8544.

