

Quinnox helps client in their acquisitions by testing end to end business processes, while ensuring zero disruption in BAU

Client had an aggressive strategy for growth in the US by acquiring business in the distribution & logistics domain. They had acquired nine bottling plants across Chicago, Michigan, MN, CA, and Nevada regions with a wide customer base spread across 4 most populous US regions.



Project Background

The client needed a strategic QA partner, who had experience in the business & nuances of the beverage / bottling industry to test all the applications and business processes in the areas of:

Manufacturing

- Syrup batch verification process
- Order management Process
- Intelligent Pallet Labelling process
- Production process (Co2, Smart water and Hot fill)
- Production reports (material yield, production adherence, analysis reports)

Demand Operations and Inventory Planning (DOIP)

- Rollout the solution across its network of 50+ distribution centers & 9 bottling plants
- Inventory Reduction by Safety stock and Order cycle optimization.
- Supply chain cost optimization process
- OOS-Out of stock reduction
- Customer Service processes to ensure 100% customer service
- Demand Planning solution with higher forecast accuracy and consensus demand planning

Plant Maintenance

- On-time generation of preventive maintenance order
- Mapping of external refurbishment process
- Capacity planning functionality
- CO2 production process
- TECO Process Orders

Warehouse Management

- Order verification process (Non-SAP & SAP systems)
- Performing Warehouse Activities (Inventory availability)
- Processing of Shipment Orders (Planning, Picking, Packing, Staging, Loading)
- Delivery (Handheld, Visit list and settlement)



Solution

Quinnox team understood the business requirements and helped in creating and executing test scripts for all the applications and processes in the areas mentioned above.

Following are the activities performed by Quinnox:

- Created and tested all the test scripts of Production Execution (PE), Plant Maintenance, Demand Operations and Inventory Planning solutions, and the master data keyed in from multiple applications as well as mass data changes due to the acquisitions
- Rolled out production execution solution as per the business need
- Identified the defects and fixed them with the CONA team
- Ensured 100% mapping of business processes related to PE and PM warehouse and distribution modules
- Suggested solutions in addition to the existing solution for Safety stock planning for the bottler to remove Bullwhip effect
- Helped implement the Demand Planning (DP) solution with consensus planning by creating forecast accuracy and Fidelity report to control the process
- Tested all the interfaces and provided 24X7 support with onsite and offshore model
- Leveraged the Quinnox Test Data Management system (QTDMS) to test the creation and updates of data keyed in via multiple applications
- Set up virtual labs from offshore with Handhelds, Mobiles, Tabs, Simulators for round the clock execution, ensuring test accomplishments within the stipulated time for the data changes





Benefits

- Leveraged framework and best practices from our Testing practice to improve testing efficiency Increased efficiency in running regression and eliminated repeated defects in subsequent rollouts
- Enhanced process efficiencies
- Less dependency on business users, as support team is leveraged for testing activity
- Improved inventory by suggesting Safety stock logic and Controlled Demand planning with Forecast accuracy and Fidelity reports
- Reduced safety stock from an average of 10 days to 5 days, exceptions excluded based on constraints and volatility.
- Optimized transport load building with straight loading and mixed loading based on commodity types.
- Reduced Out Of Stock (OOS) Situations from 10% to 4%
- Ensured zero disruption to BAU with the implementation of an onsite offshore methodology

About Quinnox

Quinnox is your agile, business-results-driven digital technology partner. With the power of human and applied intelligence, we simplify business processes, improve customer experiences, and create exceptional business value for forward-thinking enterprises. With the combination of cognitive solutions, conversational platforms, SaaS solutions, human and applied intelligence, we capitalize on new technologies to accelerate growth, innovation, efficiency, and resilience. Our data-driven digital solutions unlock the hidden potential of your business across your digital value chain, helping to accelerate success, today and tomorrow.

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