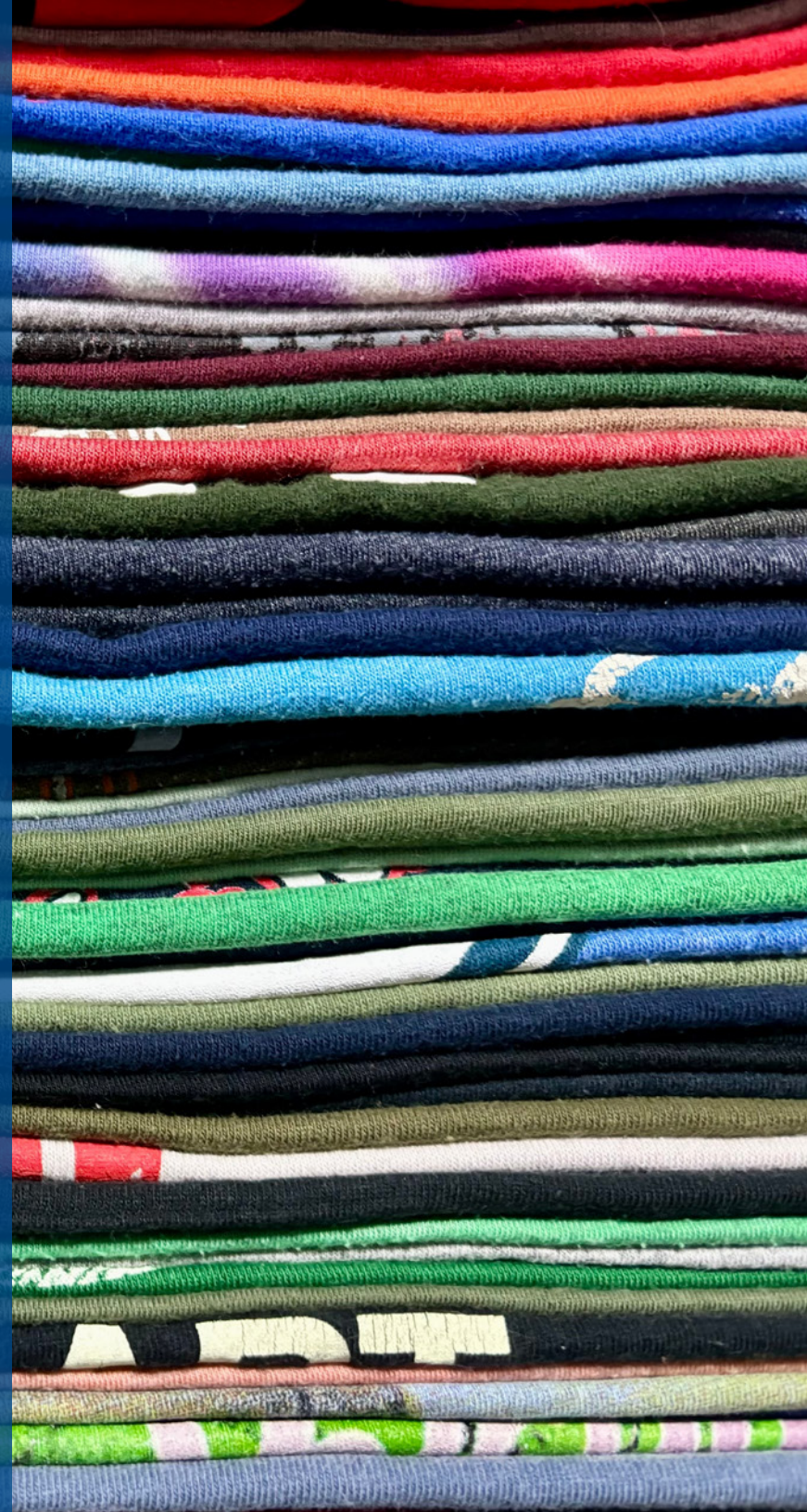


CASE STUDY



enVista and Cycle Labs Perfect Large Retailer's WMS Implementation with Automated Testing as a Service

enVista and Cycle Labs scaled the retailer's warehouse management system (WMS) load to 1000% on select processes ahead of peak season.



The Company

This North American mall retailer is the go-to destination for the latest trends, tees, jewelry, decor and more running several hundred stores in the United States and Canada.



The Opportunity

In 2023, the retailer determined the need to upgrade from its custom in-house warehouse management system (WMS) solution to Infios* Warehouse Advantage WMS in its Charlotte, NC distribution center (DC). While the retailer had previously relied on very manual, paper-based processes, DC leadership wanted to improve its inventory tracking and process automation with a top-tier WMS.

As a seasonal retailer with a high-volume peak season, the company regularly has immense amounts of load placed on its systems. The retailer needed a WMS that could scale during peak season, handling high load with efficiency and accuracy. To ensure operational excellence, they also needed scalable performance testing to instill confidence in the WMS's ability to handle high volumes.

After leveraging enVista as a trusted partner across several initiatives, company leadership decided to engage enVista once again to guide them through a successful WMS upgrade and go-live.

Client implementation goal: minimize performance issues and ensure widespread acceptance and adoption of the system post-go live.

As enVista's team deepened its understanding of the retailer's operations and previous WMS implementation experiences, they determined that automated Testing as a Service (TaaS) powered by enVista's consulting expertise and Cycle Labs' test automation software would be the perfect solution to provide performance testing that could scale for high volumes and ensure a seamless go-live experience and operational excellence during peak season.

*Previously Körber Supply Chain Software.

enVista's Solution

The retailer engaged enVista to build automated workflows of 14 critical warehouse processes and execute up to 25 performance test executions. As the project progressed and company leadership began to see the full value TaaS powered by enVista and Cycle Labs, the team requested additional tests for cycle counting, bartender labels and its warehouse control system.

enVista and Cycle Labs provided a well-rounded suite of testing, including manual, performance and regression testing, all of which were executed overnight to avoid any hinderance to daily operations.

enVista also provided extensive training and onboarding for client personnel, ensuring all end users had a deep understanding of the system and could adopt it into their daily roles.

enVista's Edge

enVista's comprehensive pre-built library of test scripts enabled a swifter testing process, vastly increasing speed-to-value. Additionally, enVista's and Cycle Labs' testing tools were able to put the same type of load on the WMS as real users would in their daily tasks. This enabled the team to scale up the testing for higher volumes and mitigate any performance issues on the warehouse floor.

enVista contributed its trusted expertise in Infios WMS workflows and customizations and efficient usage of Cycle Labs' automated testing capabilities to deliver exceptional value to the client.



The Results

In collaboration with Cycle Labs and Infios, enVista executed a smooth, lag-free WMS go-live for the retailer. By go-live, the new system was able to handle high volume tests with no bottlenecks or operational slowdowns, surpassing the retailer's benchmarks on all critical warehouse processes.



Let's have a conversation.®

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