

Effective Testing Model for Supply Chain Applications

BUSINESS GOALS

- One single team to test supply chain applications
- Better testing model

Our client is a Fortune 100 company and has the world's largest home improvement chain. It is also the second largest U.S. retailer and operates about 2,200 stores all over the world. Our client, being a home improvement retailer with multiple stores across America, used warehouses for reducing logistic costs and enhance inventory management. Manhattan supply chain solutions were used by the client for its warehouse operations. Client wanted a more effective partner to create a single testing team instead of multiple testing teams to test its supply chain applications. Syntel provided a single Manhattan knowledgeable core team that removed dependencies and the need for more than one testing team.



BUSINESS BENEFITS

80% EFFORT REDUCTION IN QA DESIGN

66% REDUCTION IN REGRESSION TESTING TIME

~US \$50000 PER ANNUM QUALITY ASSURANCE (QA) COST SAVINGS THROUGH REGRESSION TESTING AUTOMATION

CHALLENGES

Client was looking for a more effective partner to test their supply chain applications due to the following limitations:

- Lack of QA processes
- Testing being performed by business analysts and multiple scattered QA teams
- Higher cost structure
- Less effective testing model on a release based application

SYNTEL'S SOLUTION

- Implemented Syntel's testing best practices
- Created and implemented document repository and reusable artifacts
- Performed end-to-end testing of supply chain business scenarios
- Automation of the regression suite for Manhattan Warehouse Management System (WMS), Track Management System (TMS), and Learning Management System (LMS) applications
- Effectively coordinated and performed functional and integration testing of WMS and LMS, to enhance labor efficiency and productivity
- Single Manhattan knowledgeable core team with both business and functional knowledge to remove dependencies and multiple testing teams

About Syntel

Syntel (Nasdaq:SYNT) is a leading global provider of integrated information technology and knowledge process services. Syntel helps global enterprises evolve the core by leveraging automation, scaled agile and cloud platforms to build efficient application development and management, testing and infrastructure solutions. Syntel's digital services enable companies to engage customers, discover new insights through analytics, and create a more connected enterprise through the internet of things. Syntel's "Customer for Life" philosophy builds collaborative partnerships and creates long-term client value by investing in IP, solutions and industry-focused delivery teams with deep domain knowledge.

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