



INVENTORY AND ORDER MANAGEMENT DASHBOARDS DEVELOPMENT



THE CLIENT

The customer is America's second largest online discount retailer.



BUSINESS NEED

The customer wanted to provide its business users and vendors a real-time visibility into Inventory and Order information through comprehensive reports for better and quick decision making. Some of the other challenges are:

- ⦿ Business users and Vendors didn't have access to order and Inventory information in real-time
- ⦿ Vendors were facing serious challenges to manage inventory
- ⦿ This resulted in overstocking of certain goods and non-fulfillment of customer orders for certain items
- ⦿ Vendors predominantly wanted data on delinquent orders, open orders and inventory positions



TECHNOLOGY USED

- ⦿ Environment: IBM Sterling OMS Suite
- ⦿ Reporting: Microstrategy
- ⦿ Performance Testing: Load Runner
- ⦿ Database: Oracle 11g
- ⦿ Others: Partners Online Application



SOLUTION DELIVERED

ALLEN Calsoft Labs' solution included the following areas that provided a seamless online reporting functionality for business users.

- ⦿ Provide a web based tool to Business Users and Vendors to view the Order and Inventory information
- ⦿ Identify potential design & development related performance issues
- ⦿ Performance Testing and Tuning
- ⦿ Implemented health metrics
- ⦿ Query Optimization
- ⦿ Database fine tuning



BUSINESS BENEFITS

- ⦿ All Reports(Order and Inventory) are available 24/7 hours
- ⦿ Data made available for reporting is near real time with a latency of 2 hours
- ⦿ Vendors and business users had access to data in near real time for managing optimal inventory
- ⦿ Achieved response time to get data into reporting tool within 2 minute once report is fired.

ABOUT ALLEN CALSOFT LABS

ALLEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). ALLEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi-tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALLEN Calsoft Labs is a part of ALLEN group, a leader in technology consulting and engineering services.

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