

ATC Case Study



Advanced Technology Company K.S.C.P.
شركة التقدم التكنولوجي ش.م.ك.ع.

How a largest medical distributor in Kuwait is successful in improving the warehouse operations efficiency by implementing Trackline.

Customer:	Industry:	Business	Headquarters:
Advanced Technology Company KSCP.	Healthcare (Medical Equipment)	Distribution	Kuwait
Products:			
Trackline – Workflow and Warehouse Management System			

About:

“Advanced Technology Company -KSCP” (ATC) started operations in 1981 as a medical equipment supplier to the Kuwait healthcare sector. Today, ATC has established itself as the leading end-to-end total healthcare solutions provider capable of delivering over 95% of a hospital's requirement in the Middle Eastern market with employs size over 1600. In addition to robust operations, The Company has major market share of the Kuwait medical equipment sector ranging from sophisticated equipment to hospital sundries.

Business Situation:

Life sciences supply chain and distribution business having complex compliance and regulatory requirements and with multiple intralogistics approval mechanism, tracking and tracing the documents, Inventory and sample are the biggest challenges. With all the compliance in place ATC wanted to increase customer service standards with On Time In Full (OTIF) and to increase their delivery efficiency to keep up the pace with growing business demands. ATC’s objectives are to automate the workflow efficiency and improve the warehouse operations and visibility for all stakeholders.

Having SAP R/3 as Line-of-Business and to centralize the operations ATC needed a better Operations Management System at the Warehouse and Logistics division to enhance their capacity utilization. Besides Operations Management, they needed a supporting document tracking solution to manage the challenges in handling their high valued inventory from various departments/divisions for distribution and related reverse logistics.

Key Challenges

Prior to implementing Trackline, ATC has faced with key challenges including

- Decentralized Excel spreadsheets at Warehouse, Department and Division level for deliveries
- Paper based Picking and Putaway Operations
- Physical Vs Logical Stock Discrepancy
- Improper Picking System
- Uninformed Inventory Ageing
- Space Optimization
- Poor Operator Performance

The Solution

ATC selected Inventrax to implement the Outbound workflow Tracking in 2010 and periodically build the Inbound, Warehouse operations, Vendor billing, Yard Management with Dock token generation. ATC has 10 DC's (Dry and Temperature Controlled) across Kuwait which handles close to 150,000 SKU's.

QR Code based operations on Handheld terminals and across all the warehouse and integration with the Thermal Probes in their temperature-controlled warehouses, sign on device as Proof of delivery are other significant features built over the time.

Demand based complex workflows for large projects are built into the system.

Solution Offered

Inventrax has custom built the system which is the baseline for today's FalconWMS an advanced warehouse management system, ATC gained capabilities for custom distribution services to customers with a **more centralized distribution network across the Kuwait.**

- Strategic Implementation Timeline of 3 Weeks
- Manual Excel Integration with SAP-ERP data
- Centralized System handling multiple storage and distribution units
- Improved product slotting and pick path optimization strategies
- Adaptable workflow mechanism built for continuous process improvements
- Tightly coupled integration with IIoT devices and other AIDC systems

Benefits Delivered:

Trackline provided significant gains to ATC in terms of capabilities, efficiency and performance that boosted their ability with.

- Streamlined operations in every zone of the Warehouses
- Improved inventory accuracy with cycle counts
- Optimized Warehouse Space & Putaway Mechanisms
- Stringent Quality Modules
- Increased Labor Productivity
- Achieved significant improvement in distribution throughput

Testimonial:

We needed a system which is simple and user-friendly for warehouse operator for data capture as strategic data points in the operations. Inventrax offered the best solution to cater on both fronts. Business and Technical teams of Inventrax are exceptional in understanding our requirement and transforming them into the system.

From our planning phase to implementation and support in day-to-day operations, Inventrax has been professional throughout to work with.

- Mushtaque Parker, Manager-Logistics, Advanced Technology Company.