

## OVERVIEW

*Firearm manufacturer solves logistics issues using RFgen Mobile Foundations.*



Scan code to read  
the full case study



## SNAPSHOT

INDUSTRY:  
Manufacturing

ENVIRONMENT:  
General Connectivity

APPLICATIONS:  
• Logistics Management

## GOALS ACHIEVED

- 1 Warehouse staff productivity increased 10%, exceeding it's original goal.
- 2 Shipping accuracy increased by as much as 8%.
- 3 Costs of the staff to manage the warehouse was reduced by 15%.
- 4 Enhanced responsiveness to customer needs.
- 5 Tightened supply chain management.
- 6 Increased accuracy of product information.

“ Warehouse staff productivity  
increased 10%!  
- Remington Arms ”

## THE CHALLENGE

Remington faced an ongoing challenge in its retail supply chain of maintaining the optimum level of inventory. After parts and products are produced and delivered to distribution centers, the data must be counted, collected, organized and distributed as quickly as possible to narrow the gap between the time products are ordered and when products are delivered to retail outlets.

In order to deliver product purchasing and supply requests to the retail outlets more efficiently, Remington decided to consolidate

two regional warehouses in Little Rock, AR and Syracuse, NY into a 300,000-square-foot central distribution center in Memphis, TN. Combining two warehouses created a daunting data collection process that could cause extensive trouble managing the flow of the supply chain.

To hedge this concern, Remington began looking for a supply chain management technology solution that would accomplish a five-percent increase in productivity and shipping accuracy.



It needed to provide process efficiencies reducing the workforce needed to run the new warehouse. As well as enable management of the data collection process using existing Intermec RF data collection terminals and seamlessly integrate with current Remington database systems.

Remington evaluated data collection software that was compatible with their data collection terminals, flexible enough to handle complex shipments with different parts and products in a single pallet, and sophisticated enough

to manage the regulatory requirements regarding serial numbers of all completely manufactured firearms.

## THE SOLUTION

Remington chose to implement RFgen Mobile Foundations for general connectivity. Due to its open architecture, RFgen easily adapted to Remington's supply chain requirements. The newly combined warehouse started using RFgen to automatically collect data beginning with tracking inventory receipts, movements, queries, shipments and serial numbers from the Little Rock and Syracuse warehouses. In addition, RFgen integrated the data seamlessly within the Remington database that saved countless hours on installation and gave a fully functioning solution in less time than expected.

Efficient distribution is an essential key of profitable supply chain operations. RFgen

provided Remington with a real-time system that works with all of their existing data collection equipment to fuel a new, efficient distribution center.

## THE RESULTS

- RFgen software was compatible with current data collection devices.
- RFgen technology proved to be intuitive, facilitating an easy training process for the warehouse staff.
- RFgen enhanced the ability to remain compliant with Bureau of Alcohol, Tobacco and Firearms (ATF) requirements regarding tracking the serial numbers of all completely manufactured firearms and the locations where they are shipped.
- Faster, more accurate supply chain management.



## ABOUT REMINGTON ARMS

Remington continues to set the standard for the firearms industry. From the best selling firearm of all time, the Remington Model 870 pump shotgun to the world class Remington Model 700 bolt-action rifle, Remington maintains the supply chain and inventory control for more than 300 models of firearms and more than 5,000 firearms parts. However, Remington is not just firearms; the company also produces and supplies hundreds of types of ammunition and accessories.