

# National Home Products



## OVERVIEW

*An industry leading manufacturer of world-class cabinetry, attains greater efficiency and reliability with RFgen Mobile Foundations for JD Edwards.*



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### SNAPSHOT

INDUSTRY:  
Cabinet Manufacturer

ENVIRONMENT:  
Oracle JD Edwards  
EnterpriseOne Xe

- APPLICATIONS:
- Inventory Control
  - Distribution
  - Tool Management
  - PO Receiving

## GOALS ACHIEVED

- 1 Accurate inventory counts on raw materials being used.
- 2 Real time capture of purchased parts inventory.
- 3 Increase quality of products with tool management scanning.

“ Before RFgen, our inventory on purchased parts was in the dark. Now, as soon as they arrive at the dock, we scan them in and know immediately, in real-time, what our inventory is. No more delays. ”

- Pat Yuan,  
IT Director, National Home Products

## THE CHALLENGE

RSI Home Products had previously purchased data collection software through an reseller that used MDLink to integrate with RSI's JD Edwards system. Eventually, MDLink became an out-of-date, unsupported product. RSI couldn't find a programmer to take care of the changes they needed. Problems mounted and became extremely disruptive. Sometimes, system outages lasted over 24-hours.

## THE SOLUTION

RFgen successfully migrated RSI from the MDLink interface to the open-source certified JD Edwards Integration Suite. RFgen Senior ERP Consultant and Project Lead Paul Hanson emphasized the importance of the RFgen solution: "With our robust integration suite, we were able to transfer RSI from older technology to newer technology that will easily grow with their business and allow them to do the things they need to do for their customers."

Equally important, RFgen's JD Edwards Integration Suite supports all versions of JD Edwards, from 10 years ago to the latest release.

When Pat Yuan joined RSI as their director of IT Business Systems, her first challenge was to fix the MDLink problem. Data collection software had become an integral part of RSI's operations, but they clearly needed a smarter way to communicate with their JD Edwards system. Yuan considered RFgen and one other company but RFgen was chosen for several reasons.

"Their reference checks were extremely good," Yuan said, "and the cost analysis was equally good." Also impressive to Yuan was the high availability architecture of the RFgen JD Edwards Integration Suite. "High availability" refers to the system's ability to survive and function in spite of single points of failure in the system.

RFgen Project Lead Paul Hanson began working with Yuan on the extensive migration from MDLink. "Even though RSI had been using data collection technology for years," Hanson said, "the migration represented a completely new implementation with considerable new functionality in a new transaction set. The entire process flow was very

different because it was open source."

“ RFgen's mobile data collection solution has replaced three to four hand-written steps. ”

- Pat Yuan, IT Director  
National Home Products

## THE RESULT

Yuan began by using RFgen solutions on their shop floor for Inventory Issue for raw materials; Inventory Adjustment, Scrap and Completion for cut components. "Our inventory on raw materials and cut components was completely off," she explained, "because we didn't have a way of tracking materials used. Sometimes workers cut the wrong material. Other times there were scraps due to warping."

Implementation was very successful, Yuan emphasized. "With RFgen, our inventory on raw materials and cut components became very accurate. We were even able to see the yield of each saw used to cut materials. We now know if each saw is producing 80-percent, 90-percent or 99-percent of its yield."

RSI recently implemented RFgen for Cycle Counting.

In the past, Yuan explained, workers would go to the floor, do a cycle count, write the counts on a piece of paper, then come back to the office to aggregate counts and input their figures manually into JD Edwards. Now each worker has a bar code scanning gun. They scan the labels on the pallet and the numbers are input in real-time into the JD Edwards system after each scan.

"RFgen's mobile data collection solution has replaced three to four hand-written steps," Yuan said. "As a result, the accuracy and efficiency of our cycle counts have greatly improved. Overall, RFgen brings the stability we are seeking in the scanning area. This results in timely and accurate inventory, as well as efficiency on the floor. We are also now able to track vendor performance and yields of our tools with performance reporting."



**ABOUT NATIONAL HOME PRODUCTS** An industry-leading company that manufactures world-class cabinetry for kitchens, baths and home organization. Its diverse product lines are marketed to builders, dealers, and retail home centers in the U.S. and Canada. They employ more than 3,500 people in the United States, Mexico, and China. The company attributes its explosive growth to a simple, cost-efficient manufacturing process that produces top-quality products at the lowest possible cost.