



Cornerstone Research and Development

Supplement Manufacturer Improves Efficiency and Accuracy with RFgen solution.

At a glance...

Industry
Dietary Supplements

Application
Inventory Control

Environment
Oracle JD Edwards
World A7.3

Cornerstone Research & Development formulate and manufacture hundreds of dietary supplement products including vitamins, minerals, and specialty formulas marketed in a variety of packaging formats. Operating from a 100,000+ square foot manufacturing and packaging facility, they produce the highest quality natural health care supplements and food products available.

The Challenge

Cornerstone runs a fast paced, high volume manufacturing environment. Finished goods are produced using a four step process. During the first step, work order components are picked and weighed. The weighed components move to the manufacturing facility and are blended together. The bulk product is then used to manufacture tablets or capsules. Finally, the tablets or capsules are packaged in inner and outer packaging to create the final product ready to be picked and shipped to the customer.

Because inventory movement is involved in the manufacturing steps, it was a challenge for Cornerstone to organize the component picking, record the inventory movement in a timely manner, and control the overall process. Cornerstone needed to capture real-time inventory movement and enforce tight controls regarding component picking and weighing. They also wanted to intelligently direct their inventory pickers to the location where to pull products from the warehouse.

Prior to the implementation of the RFgen solution, all raw material inventory transactions were manually recorded several days after the components were used and the finished goods were physically completed. This entailed

multiple layers of manual data entry in the raw material weighing and quality checking process. Additionally, Cornerstone had excess inventory after weighing which needed to be returned to inventory. The time required to move the excess back into warehouse locations took away from time available to pick further work orders.

The Solution

Cornerstone introduced RFgen's component picking module into their raw material inventory selection process. It is a directed method which prompts the user with the next picking location and lot number. It enforces FIFO lot control and consolidates inventory by consuming locations with the least quantity of inventory first. By implementing this element, Cornerstone reduced the amount of excess inventory return from the weight rooms to the warehouse.

Through the design and re-engineering of the facility's processes integrating RFgen, Cornerstone experienced a 50% improvement in productivity during component picking stage.

The Result

Cornerstone utilized RFgen to check quantities during each manufacturing step and get a digital "signoff" which increased quality control, improved accuracy, and decreased process time substantially. Digital quantity checks throughout the process improved inventory control, planning, and purchasing by providing real-time inventory transaction details allowing a clear picture of each consumable and all finish goods produced. Raw materials are now issued and finished products completed without manually

entering data. Costing is also now a real-time activity. The JD Edwards certified RFgen solution implemented in their receiving and inventory operations led to reduced errors, streamlined processes, improved accuracy, and increased productivity.



**North America
Corporate Headquarters**
1101 Investment Blvd., Suite 250
El Dorado Hills, CA 95762
Phone: (888) 426-2286

www.rfgen.com

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About RFgen Software

RFgen Software helps organizations reduce supply chain implementation costs and increase accuracy and efficiency with the industry's most reliable and flexible mobile data collection software and supply chain automation solutions.

Enabling you to increase productivity by providing your mobile workforce with real-time and on-demand access to enterprise data, RFgen's mobile data collection solutions easily connect Windows, Android and Apple iOS mobile devices like barcode scanners, tablets, handheld computers, voice recognition devices and more to your back office ERP systems and databases, including Oracle's JD Edwards, Oracle E-Business Suite, SAP, SAP Business One, Deltek Costpoint and more.

In business since 1983, RFgen is known in the manufacturing and distribution industries for its solid, high-quality products and high customer satisfaction ratings among its more than 2,800 customers. With a global reach and local touch, RFgen and its network of more than 140 certified solution partners can support your organization no matter where your operations are located around the world.

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