



## Performance Report

# Bon Secours

### Challenge:

Consolidate storage of supplies for four (4) top performing hospitals while reducing operating costs, insuring the highest service levels and minimizing needed warehouse space.

### Solution:

Install high performance horizontal carousel system solution from White Systems consisting of 2 pods of 4 carousels equipped with Spectrum Plus software.

### Result:

Horizontal Carousels allow Bon Secours to dispense product in the lowest units of measure in a JIT environment. They achieve close to a 98% fill rate of daily orders placed.

*White Carousels provide security, efficiency and optimal space utilization*



*To improve space utilization and picking efficiency for their medical supplies, Bon Secours installed 2 pods of 4 horizontal carousel systems equipped with Spectrum Plus software from White Systems.*

*Bon Secours of Richmond, Virginia operates four award-winning hospitals, provides a variety of healthcare services and is a major Richmond area employer with more than 5000 employees. Bon Secours is one of the first hospital systems in the country to consolidate its storage operation offsite at one location that services these multiple hospital sites. The facility stores medical supplies and also serves as a sterile processing facility for all surgical instrumentation.*

### History of Bon Secours

The Sisters of Bon Secours was founded in Paris in 1824 following the devastation of the French Revolution. The name comes from “bon secour”, meaning “good help”. Defying the convention of the times, the Sisters undertook a unique practice of caring for the sick and dying, day and night, at their own bedsides. Despite initial reluctance, the Archbishop of Paris gave the Church’s approval to the group of brave women, accepting them as the Congregation of the Sisters of Bon Secours in 1824.

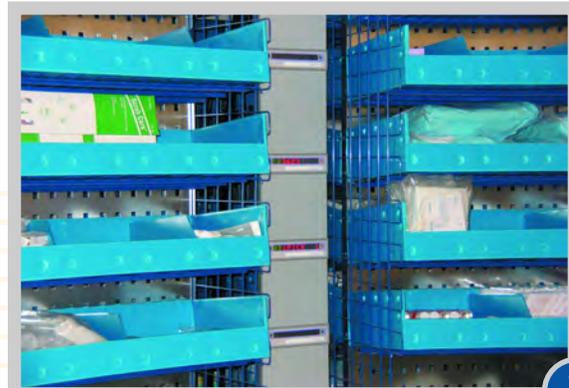
The ministry expanded in the United States when the Sisters of Bon Secours established their first hospital in Baltimore in 1919 and opened their second, in Grosse Pointe, Michigan, in 1945. By 1980, the Sisters had established or assumed responsibility for several Catholic hospitals, long-term care facilities and other health care services, and the system began as a loose affiliation of these facilities, which served primarily as a resource center.

1 *Top: Pictured here is the Bon Secours' picking workstation where they achieve close to a 98% fill rate of daily orders placed.*

2 *Bottom: The vertical Lighttree™ III systems, aligned with every shelf level on the Horizontal Carousels, show operators where to pick and how much to pick from the carousel to provide the highest levels of productivity and accuracy.*



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## White Carousels provide security, efficiency and optimal space utilization

The installation of White System carousels serves many functions for this storage operation. To improve space utilization and picking efficiency for their medical supplies, Bon Secours installed 2 pods of 4 horizontal carousel systems equipped with Spectrum Plus software from White Systems. The system has the capacity to store and maintain over 2500 sku's, which insures flexibility as the market grows. In addition to the space savings, the White carousel systems also offer protection of the supplies, increased organization, improved inventory accuracy and control, and improved picking productivity.

"In September 2005, Bon Secours Richmond Health System opened its own warehouse with a one million dollar inventory. This facility is 100% automated with the White Carousel System in conjunction with the Lawson MM IS system," says Nita Stith, of Bon Secours. "The system is currently utilized to accommodate four hospitals with approximately 1000 bed capacity. It has truly allowed us to dispense product in the lowest units of measure in a JIT environment."

Storage and Distribution Systems (SDS), a sales representative group for White Systems out of Columbia, MD, was involved in the project from its inception. They evaluated Bon Secours' existing system and with the help of White, were able to design the carousel system that was best suited for their application. "We provided total project management for the storage and material handling side of the project," said Andy Pribulka, account manager for SDS. "In addition to the carousels and software, we also provided them with static and mobile bulk shelving, picking workstations, conveyor, picking carts and the physical installation of the carousels."

## Advanced Software Solutions

Spectrum Plus is a flexible and scalable warehouse control application that can be used to perform all tasks associated with carousel bulk storage management such as picking, stocking, counting, and inventory tracking. It runs on the latest Microsoft Windows™ operating systems, and features a Microsoft SQL database as the heart of the system.

Spectrum Plus is designed to eliminate the paperwork normally found in non-automated warehouse systems and is a perfect fit for the Bon Secours installation. Their operators need only to pick or store items as directed by the system. When an operator confirms that a task has been completed, Spectrum Plus' positive acknowledgement feature reports the activity to the host, keeping the valuable inventory information up to date.

[www.whitesystems.com](http://www.whitesystems.com)

SencorpWhite, Inc.  
400 Kidds Hill Road  
Hyannis, MA 02601

Main office: (508) 771-9400  
Fax: (508) 790-0002  
Email: [sales@whitesystems.com](mailto:sales@whitesystems.com)

