

**Case Study – 3PL Life Sciences****The Company:**

Priority Solutions International is an innovative supply chain leader specializing in meeting the logistics requirements of the Life Sciences industry. The company was formed through a merger between Priority Air Express of NJ and Distribution Solutions International of MI in 2005. PAX and DSI were both recognized leaders in the healthcare supply chain industry after years of providing PDMA compliant sample management services to the majority of the top pharmaceutical companies in the United States. Combining the strengths of both companies, Priority Solutions International clients have access to a nationwide network of qualified local delivery resources, multiple warehouse locations, international air freight forwarding and a wide variety of value added services. Priority Solutions International was acquired by Thermo Fisher Scientific in October 2007.

**Project Scope:**

PSI needed to replace their warehouse management system with a solution that was specifically designed for Third Party Logistics operations and one that could meet stringent life science compliance requirements. PSI also needed a software partner that could support their FDA compliance requirements. Because PDMA, cGMP and regulatory compliance is interwoven throughout their Standard Operating Procedures, complete FDA systems validation would be required for PSI to be awarded approvals from major pharmaceutical companies following full quality audits.

**The Solution:**

Priority Solutions selected QSSI and PowerHouse/WMS as their partner and WMS solution to meet their business objectives. PowerHouse was implemented to manage Priority's 3PL pharmaceutical samples warehousing and distribution operations as well as delivery of critical drugs to patients and providers that absolutely needed to be delivered within hours of request to virtually any location.

To ensure complete confidence in their ability to deliver the highest possible services levels PSI implemented PowerHouse/WMS following QSSI's proven Results Methodology in partnership with CSSC-QPharma an industry leader in FDA regulatory and Compliance solutions.

Concurrent with the configuration of PowerHouse was the development of Priority's System Design Specification and validation Test Plan. The validation test plan, in addition to many other processes, examined three critical building blocks for regulatory compliance; the three Q's (Installation, Performance, and Operational Qualifications). Following the test strategy through each qualification phase, PSI and QSSI successfully demonstrated Priority's implementation of PowerHouse/WMS met FDA 21 CFR Part 11 requirements for certification.

Today using PowerHouse/WMS Priority Solutions manages and delivers healthcare products for the majority of the US pharmaceutical companies with the highest degree of accuracy, responsiveness and commitment.

**Priority Solutions International**

**PowerHouse/WMS Validated for Priority Solutions International's life sciences and healthcare logistics operations**

**Highlights at a Glance****Company**

Priority Solutions International, a Thermo Fisher company

**Business**

- Lead Logistics Provider (LLP) specializing in meeting the needs of the healthcare / pharmaceutical, government and airline industries

**Company Strengths**

- Focus on Compliance and Security
- Responsiveness, global delivery 24x7
- Licensed to delivery prescription drugs to every state & DEA Class – III through C-V
- Commitment to Improvement

**Warehouse Statistics (NJ)**

- 92,000 sq ft 4,000 pallet locations +
- 24 hour/day shipping and receiving
- 24x7x365 computerized climate control
- Designated areas for Dangerous Goods/Hazardous Materials
- DEA compliant caged area for C-III through C-V controlled substances
- Validate warehouse management system

**Warehouse Technologies:**

- PowerHouse/WMS warehouse management
- Symbol Radio Frequency devices

## PowerHouse WMS

*More than just warehouse management*

*The Heart of Your Inventory, The Pulse On Your Business....*

### **ADVANCED TECHNOLOGY ENABLES SOLUTIONS THAT ADD VALUE**

*PowerHouse/WMS* leverages the latest technologies to provide a single solution that is adaptable to any type of business. To maximize the strengths and flexibility of *PowerHouse/WMS*, QSSI employs only the most experienced warehouse specialists to assist you in configuring a solution that will enhance your business.

### **SCALABLE ARCHITECTURE PROMOTES GROWTH**

*PowerHouse/WMS* features a scalable performance based design that optimizes programs, databases and computing hardware to enable high speed transaction processing.

The ability to scale up without the need for modification means your *PowerHouse/WMS* solution is the only one you will ever need, regardless of how large your business grows or whatever new direction it may take.

#### *Experience Matters:*

*QSSI offers an unmatched level of experience.*

*Operationally oriented, QSSI brings a unique "hands-on" approach, ensuring maximum performance and the fastest ROI in the industry.*

*Proven at installations worldwide, our Results Implementation Methodology provides you with unprecedented control over your project with the lowest total cost of ownership.*



## **QSSI**

Headquartered in New Jersey, QSSI (Quality Software Systems Inc) is the leading software development company specializing in design and implementation of best-of-breed warehouse management, transportation and supply chain solutions. Founded in 1986, QSSI's track record of providing long term success for our shareholders and partners is unparalleled.

QSSI also serves as a system integrator for complementary Supply Chain Management software solutions, RF, Printing and Computer hardware to provide turnkey solutions with predictable, superior results.

### **At QSSI:**

**"WE CONTINUE TO LEVERAGE OUR SUPERIOR TECHNOLOGY AND SERVICES  
TO FURTHER THE SUCCESS OF OUR CLIENTS".**