mds Hospital Supply Management

MDS reduces's Hospital's Supply Chain costs and Promotes efficiencies in the Supply Chain.

Technological innovations coupled to extensive research in cellular and molecular biology have led to significant advances in medicine. Patient care has become more sophisticated but at the expense of increased diagnostic and treatment costs. At the same time hospital reimbursement for medical services has declined, thereby creating an increasing cost problem.

Every hospital within the healthcare system is confronted with the need to reduce overall service cost. This can be accomplished through increasingly painful staff reductions, or by improving the efficiency of, and lowering the cost of the hospital s Supply Chain. In the past, the sophisticated software systems needed to manage the Hospital supply chain was priced beyond the reach of all but the largest hospital systems. With its extensive experience in Medical Distribution, **The Systems House, Inc. provides a complete, integrated and affordable software system to allow the hospital accomplish this very important objective. Master Distribution System** is a fully integrated business control program. It provides complete ready-to-work solutions uniquely suited to address the unique requirements of the Hospital Supply Chain. By embracing the latest technology, MDS gives Hospitals the tools to operate more efficiently.

MDS enabled Lee Memorial and Sarasota Hospital to reduce Supply Chain costs for a total savings of over 7 million dollars.

MDS reduces costs and increases efficiencies for the hospital supply chain through:

- Contract management and compliance monitoring
- Product standardization
- Purchase Order management
- Supply Chain Management from vendor to patient

Contract Compliance Made Easier

The key to reducing product cost is the development of a standardized product list. By reviewing past purchases, MDS can identify to management the products with the highest utilization rates. This can form the basis of vendor negotiations leading to a catalog of products, acceptable to the provider population, yet yielding the lowest overall cost to the hospital. Another benefit of product standardization is that fewer duplicate products leads to better stock control and reduced obsolescence.

Once the vendor contract is established, the MDS purchasing module insures that the proper products are being ordered, and at the correct price. This allows the hospital to monitor the degree of contract compliance and identify problem areas or departments. As a by-product budgets are tracked by cost center.

Purchasing- Increase efficiency with automatic Purchase Order Management

By monitoring actual usages by product and department, MDS automatically adjusts the PAR levels by item based on actual usage. Stocking practices can be tailored to actual usage, and service delivery matched to exact needs. This results in savings on requisition costs, simplified stock valuation, and reduced obsolescence and waste.

The system then generates suggested purchase orders for review and approval. The PO s are based on historical usage, and consistency with pre-established vendor contracts and the approved product catalog. Special orders are recorded via a requisition processing system, and are recorded for later contract compliance analysis. Purchase orders are submitted electronically to vendors via E-mail, fax, EDI, or GHX interface.

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The Systems House, Inc.

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Upon receipt, the merchandise received is matched to the PO to insure that the correct product and quantity has been received. If not, exception procedures are invoked. The **MDS packing tracking module** takes over at this point, and tracks the movement of the product from the receiving dock to a central stock room, or to the individual department.

Upon receipt of the vendor invoice the system matches the purchase order (contract) cost, and quantity received to the vendor invoice. If in agreement, the invoice is entered into accounts payable for payment. Discrepancies are electronically forwarded to purchasing to review pricing discrepancies, or to the warehouse to review receiving discrepancies. This three way match insures that the correct item has been received at the correct price, and in the correct quantity.

Supply Chain and Warehouse Efficiencies

MDS reduces supply chain time and costs by providing direct links from the point of use (the nursing workstation) to the supplier s ordering system,. As a result supply chain time and costs are reduced, and ordering errors are reduced. Ordering is simplified as the data is transmitted directly to the supplier via an electronic system (EDI, GHX). Product usage at the nursing workstation is interfaced to electronic issuance and hospital control systems. Ordering takes place more efficiently, accurately, and rapidly, allowing the nurses on the ward to spend more time on patient care.

Once the product is received, the MDS package tracking system tracks the movement of the product from the receiving dock to a central stock room, or to the individual department.

MDS supports a multi-tiered approach to the supply chain. Inventory may be stored and tracked in a combination of Central Warehouses and Departmental Stock Rooms. The **MDS Warehouse Management System (WMS**) provides both paper based and wireless control systems. Delivery to the departments can be on a Solid Case (for departmental warehouses) and Low Unit units of measures if deliveries are being made directly to the nursing workstations. Serial number and lot tracking capabilities are integral to the warehouse management system.

MDS- powerful technology you can afford

With operational expenses ever increasing, hospitals must utilize leading technologies to enhance efficiency and reduce operational cost. By using MDS, hospitals will save on requisition costs, reduce obsolescence and waste, and enforce contract compliance. Management will develop a clearer understanding of spending and operating costs. Stock levels will be linked to actual usage and service delivery matched to actual service needs.

MDS is fully integrated, highly reliable, easily customizable and very affordable. MDS is a powerful weapon developed with cutting edge technology that will provide the increased efficiency needed by hospitals to reduce supply chain and operational costs. **With MDS on your side, your hospital will be able to decrease expenses, improve supply chain management, purchasing and stocking practices, which will in turn lead to enhanced patient, employee and community satisfaction, and higher quality and more cost effective operation.**

ABOUT US

The Systems House, Inc. (TSH) was formed in 1979, and maintains a longstanding reputation for outstanding customer service. With excess of 250 installed MDS clients throughout the United States and Canada, TSH is widely recognized as a premiere supplier of software and computer solutions for the healthcare distribution marketplace. Customers are assured of on-going development efforts critical to success in the complex and rapidly evolving world of Supply Chain Management.

For more information on RemoteNet and Master Distribution System from The Systems House, Inc., contact TSH at 1-800-MDS-5556, or email sales@tshinc.com

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