



RDA Healthcare Supply Chain Services

Predictive Modeling for Inventory & Space Optimization



DEMAND LOGIC®

Rethink Inventory & Space Optimization

Leading-Edge Tech Informed by Decades of Experience

- **Simple** and easy-to-use web-based application that compliments existing technologies
- **Scalable** design for everything from multi-facility optimization projects to single storage and specialty inventory
- **Smart** and proprietary performance analytics supported by proven optimized formulas

Unique Features Minimize Effort

- **Reduce Operational Costs** while improving product availability
- **Accelerate Space Planning** and product slotting activities
- **Improve Visibility** from the enterprise to the bin level
- **Fast Implementations** with automated workflow to focus on only items that need action

Experience Rapid Results

Optimize Inventory, Space & Labor

Reduce Expenses by 20% – 40%

Reduce Stockouts by 50% – 80%

Increase Speed to Value

ROI within 12 months

Contact RDA to improve your inventory performance.
www.rdahealthcare.net/demandlogic




DEMAND LOGIC®


Demand Logic® Optimization Solution

RDA has created Demand Logic® an Inventory and Space Optimization solution that reduces expenses and optimizes inventory, line counts, space, and labor while enhancing satisfaction and quality – on an on-going basis. Demand Logic combines proprietary predictive analytics with LEAN methods through a cloud-based application and related professional services.

SIMPLE  Easy-to-use cloud-based, a compliment to all existing technologies.

SCALABLE  Design for everything from a single storage facility to multiple locations.

SMART  Propriety performance achieved by proven and trusted optimized formulas.

SUSTAINABLE  Option of on-going optimization versus one-time optimization analytics.

Demand Logic, coupled with our advanced services support, ensures best practice results by including workflow change notification and management by exception logic to provide comprehensive results with a simplified implementation process. Limited space is better utilized through data driven decision tools that identify surplus and slow moving items to free up space for items that require higher stocking levels in support of high product availability and operational efficiencies.

Situation

RDA Action

Outcomes

Inventory Optimization

University Health System with 3 Hospitals

- Supply ordering outside of standard operating practices
- Opening of new inpatient tower
- Data inaccuracies
- PAR areas with high stock outs
- Poor fill rates to clinicians
- High walk-up volumes
- Staffing issues

- Performed high level review of facilities
- Interviewed key stakeholders to understand current processes
- Reviewed data to determine standardization opportunities
- Gained a solid understanding of current distribution and logistics

- Optimized 37 PAR locations
- Developed storage design and equipment requirements for new tower
- Developed initial PAR stocking order for new tower – 17 new PAR locations
- Mentored staff on best practice inventory replenishment

Space Optimization

West Coast Teaching Hospital with 1 acute care facility

- Insufficient space/staff/service levels by Storeroom resulting in increase in product touches
- Poor stocking levels on floors
- Facility growth driving higher product demand
- Poor service ratings by clinical staff
- High walk-up volumes – over 50% of PAR locations
- Performed high level review of facility

- Interviewed key stakeholders to understand current processes
- Reviewed data to determine standardization opportunities
- Gained a solid understanding of current distribution and logistics
- Provided project managers
- Provided coaching and mentoring to staff
- Redesigned Storeroom
- Redesigned PAR system

- Optimized reorder cycle
- Revised staffing plan
- Improved space utilization by over 35%
- Reduced inventory space requirements versus current state by 10%
- Developed storage equipment requirements independent of racking solution provider resulting in a \$50K reduction in racking requirements



Healthcare Supply Chain Services

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