

# RFID Smart Cab System



LEAN KANBAN  
INVENTORY MANAGEMENT  
HIGH DENSITY 2-BIN STORAGE  
SECURE RFID CABINET SYSTEMS



## RFID Smart Cab System

- SmartCab is a high-density accessible unit that provides a secure environment for your supplies
- Reduces the human factor in controlling inventory, thereby producing more accurate supply counts.
- Each basket can be individually locked electronically.
- Ideal for Tracking Lot numbers and Expiration Dates.
- Supplies can be accessed in a variety of ways: Barcode scanning, RFID or touch-button
- Secure entry is defined by individuals current hospital id and/or personalized pin code.
- Scanning System: After log-in the user scans the product they will take. Smart Cab is the only Scan-To-Take System combined with the advantage of a Two-Bin Inventory Management Concept available in today's market.
- Touch-to-Take: User logs in and takes item required. They press a button on the item's compartment which then records that the item has been taken. No scanning required. Item is recorded for restock.
- RFID: Works with a series of low frequency RFID antennas that read RFID tags which are placed on all supply items. User logs in and takes the required product(s). The antenna reads the tags once the user closes the door. The technology then compares what is remaining from the previous scan to then identify and record which item was taken so it can be restocked



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## High-Density 2-Bin Storage and Smart Cab Systems

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The KanBan (2-Bin) system is a lean supply strategy. Save nursing and materials management time while rationalizing and rotating inventory

The Pegasus Inventory Management System (P.I.M.S) completes the package

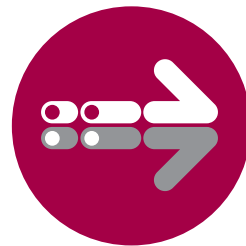
### The KanBan 2-Bin Strategy

- Baskets are divided in half so that the front half is identical to the back half
- Basket compartments have their own unique location barcode which is matched to an item in the database
- Par levels are determined & properly set to match restocking schedules & are split between matching front & rear basket compartments
- Supply techs only look for and scan the empty compartments
- Supply techs scan, pick & restock up to 70% fewer items on a daily basis
- If the front compartment is empty, nursing will always have supplies in the rear compartment
- Wireless (WiFi) enabled scanners make it possible to have one person scanning & multiple people restocking supplies at the same time

### The Kanban 2-Bin Workflow



Basket and Compartment are Full



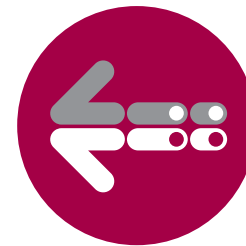
Nurses Use Supplies



Compartment is Empty



Empty Compartments are Scanned



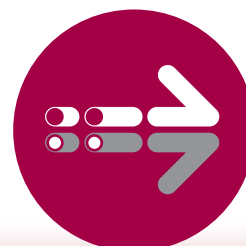
Data is Transmitted via Wireless (WiFi) Network Automatically to Server

Supply Department	Item #	Current Supply	Item #	Current Supply
Department	Item #	Current Supply	Department	Item #
100001	100001	100001	100001	100001
100002	100002	100002	100002	100002
100003	100003	100003	100003	100003
100004	100004	100004	100004	100004
100005	100005	100005	100005	100005
100006	100006	100006	100006	100006
100007	100007	100007	100007	100007
100008	100008	100008	100008	100008
100009	100009	100009	100009	100009
100010	100010	100010	100010	100010
100011	100011	100011	100011	100011
100012	100012	100012	100012	100012
100013	100013	100013	100013	100013
100014	100014	100014	100014	100014
100015	100015	100015	100015	100015
100016	100016	100016	100016	100016
100017	100017	100017	100017	100017
100018	100018	100018	100018	100018
100019	100019	100019	100019	100019
100020	100020	100020	100020	100020

Pick Lists Print Automatically by Dept. Supply Techs Can Begin Picking Supplies While Scanning Continues in Other Depts.



Supplies are Rotated from Back to Front



New Supplies are Restocked in Back Compartment. Once Again Baskets and Compartments are Full

### Eliminate Scanning with RFID-Enabled Label Holders

When a compartment is empty, the nurse places the empty compartment's label holder on the board. At set times, the data on the label holder is transmitted from the board directly to the server. Pick lists are printed and supplies are generated.



- Our storage equipment achieves the highest level of storage capacity per square foot.
- Up to 60% additional storage capacity as compared to shelving.
- Coupled with our software, routine inventory can be completed in 1/3 the time saving labour hours and dollars.



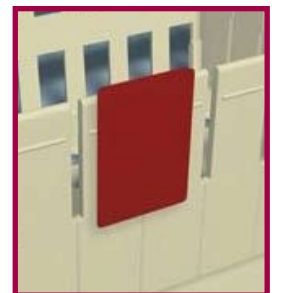
- Closed carts also available
- Tall single and double carts with tambour or glass doors
- Waist-height carts in single or double configuration.



Safety stops are provided to prevent the accidental removal of baskets.



Baskets can be divided every 2 inches. Compartments can be made to fit the exact size and quantity of the supplies being stored.



Easily-removable vertical or horizontal label holders