




Data Capture Technologies and Supporting Hardware





Sustainable data
integrity is impossible
without consistent
compliance.



RFID Panel

Making the two-bin Kanban practice even better

The RFID Panel enhances the two-bin kanban best practice for replenishment of general supplies in a hospital by removing a time-consuming manual process. A common practice today is to send logistics staff to the point of use to perform manual demand assessments.

We offer the only RFID-enabled two-bin system to integrate a fully dynamic visual system.

The RFID panel eliminates the need to perform these demand capture rounds altogether and provides real-time demand information across the frontline of service based on actual consumption and communicates replenishment status to users.

Featuring instant feedback on inventory levels and replenishment status, users eliminate the unknowns that often hinder performance and disrupt service levels by clinical and logistics staff.

Dynamic Touchscreen

Accurate supply information and real-time lookup functions (such as alternative product availability locations in the case of a stockout) are available directly in the supply room, tethering point of use demand to the global supply chain infrastructure.

LED Indicators

Series of programmable multi-colored LED lights provide instant feedback on products' replenishment status, from processing to backorder.

**Logistics staff
gain access
to accurate
demand
information**

- Eliminates the need for demand capture rounds
- Allows periodic and ad hoc supply location optimization to be performed within the storage environment
- Shortens the replenishment put-away process through visual cues

**Clinical staff
gain access
to real-time
information
directly in the
supply room**

- Provides visibility into the status of backorders and stat orders
- Instantly displays alternate supply location availability
- Cuts out wasted time searching for supplies that are out of stock



RFID Portal

RFID-empowered supply tracking

The smartest data capture methodologies are those that are so natural and invisible that you don't even know they are collecting data in the background. When data capture comes at the cost of disruptions to workflows and manual data entry, the result is low and inconsistent compliance. The RFID portal is a great example of how to facilitate high compliance.

For high cost supplies and medical devices stored in specialty areas, Tecsys RFID portal is the most cost-effective RFID approach to track the storage and movement of high cost items.

The product facilitates the put away process and the transfer of inventory between storage locations and procedure rooms. This intuitive and reliable RFID tracking technology provide great visibility of this high impact inventory category while limiting clinical staff involvement.

The supplies are tracked with a unique RFID tag from the receiving in the hospital until they are stored and consumed in the clinical department. It is therefore possible to obtain complete and accurate information on critical high-value products and facilitate the gathering of all relevant information, including UDI and expiry dates.

Improving clinical staff satisfaction and freeing up time

- Ensure that clinical employees have essential supplies when they need them
- Reduce clinical personnel involvement in inventory management activities
- Eliminates the need for clinical staff to collect data and easily link product usage to patient records for UDI tracking
- Provide access to real-time information to improve and expedite recall management

Facilitating inventory management through automation

- Gain instant visibility of your high cost items and where they are located
- Ensuring product movement and usage is accurately captured
- Reducing the costs associated with product loss, expiration and inventory reconciliation
- Automates data transfers and eliminates errors in the replenishment and reordering process



RFID Cabinet

Locking in control & efficiency

The RFID cabinet lets you track and monitor high cost items. An all too common practice today is to rely on clinical staff to manually log what product was taken and when, and still send logistics staff to perform demand assessments. Using RFID-enabled access control, the RFID cabinet eliminates these manual steps, creating a less cumbersome process for clinical staff, and a more timely and accurate record of replenishment needs. Secure user access and automatic product data capture ensure product and inventory integrity, improves regulatory compliance, and gives you real-time visibility of your most expensive inventory.

Protect your highest value products

Track and monitor medical devices automatically and in real-time

- Captures usage automatically
- Eliminates the need for demand capture rounds
- Protects your highest cost items from loss and pilferage
- Maintains product integrity and thresholds for critical items like bone & tissue
- Preserves temperature-sensitive products within a controlled storage environment

Capture product-related information required for improved reimbursements

- Logs user access for traceability and security audits
- Automatically records supply movements
- Establishes full accountability into chain of custody, charge capture rates, event registration and waste
- Improves regulatory compliance



Ambient



Freezer



Refrigerator

RFID Hardware

Third party RFID hardware that simplify both front line clinical services and back office support functions

RFID wand

To perform efficient and rapid inventory count of a location in a fraction of the usual time with barcode.



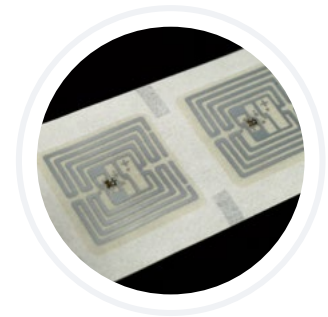
RFID scanners

To capture consumption at the point of care for case documentation and item-level traceability to patient.



RFID tags and printers

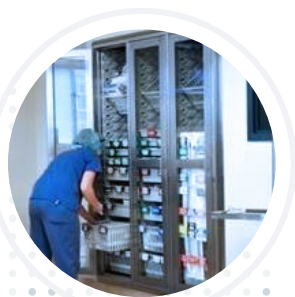
To maintain your inventory locations and manage your tagging process, we offer RFID tags and printers as part of our system.



High-Density Storage Equipment

Designed specifically for healthcare institutions, our high-density, modular storage and distribution system minimizes your storage footprint while facilitating inventory best practices.

This flexibility of design extends to room configurations, distribution of bins and components within each supply unit, and compartment configurations within each bin, ensuring organization rigidity without sacrificing storage flexibility to respond to evolving needs.



Cabinet



Mobile Cabinet



Rack



Cart

About **Tecsys**

Since our founding in 1983, so much has changed in supply chain technology. But one thing has remained consistent across industries, geographies and decades – by transforming their supply chains, good organizations can become great.

Our solutions and services create clarity from operational complexity with end-to-end supply chain visibility. Our customers reduce operating costs, improve customer service and uncover optimization opportunities.

We believe that visionary organizations should have the opportunity to thrive. And they should not have to sacrifice their core values and principles as they grow. Our approach to supply chain transformation enables growing organizations to realize their aspirations.



www.tecsys.com

info@tecsys.com

Phone: 514-866-0001

Toll Free: 1-800-922-8649

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