

Why is RFID essential for Healthcare Inventory?

How RFID helps

Implantable medical devices (IMDs) are very expensive but are often very small.



Actual amount of inventory IMDs occupy¹



Of supply costs from implantable medical devices (IMDs)²



Supply chain costs account for as much as 40% of the cost of providing care.³

50-80% of total revenue for medical device manufacturers comes from products that have been introduced in the past three to five years.



1

MONITOR INVENTORY

With new devices being developed everyday, it's important to keep your inventory up to date. RFID tags make it easy to get a snapshot of your inventory at any time.⁴

Keeping up with federal and financial requirements are the most time consuming part of inventory audits



2

REDUCE HEALTHCARE COST

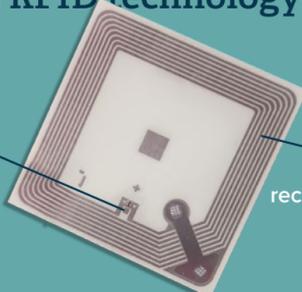
A medical device manufacturer eliminated **15,000 hours** of reconciliation per year with RFID tags⁵



RFID tags can **protect patients** and **reduce healthcare costs** by making important items easily trackable.

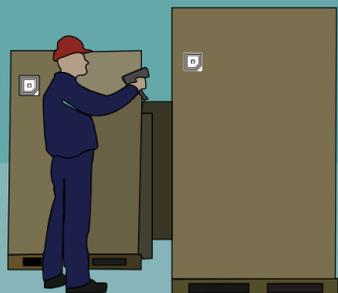
How does RFID technology work?

INTEGRATED CIRCUIT
storing and processing information



ANTENNA
receiving and transmitting the signal

RFID vs Barcodes?⁶



RFID Tags:

- don't need a direct line of sight
- can be re-written
- up to 100 can be scanned at a time
- track stock levels and more



Barcodes:

- must have a direct line of sight
- are product specific
- make data processing 10x slower
- can't store any extra data

TOP 5 FEATURES⁷



CHECK TEMPERATURE

Some medications have important temperature requirements



VIBRATION

Also called container integrity monitoring



EXPIRATION DATES

Alerts on upcoming expiration dates help avoid stock-outs



LOCATION

Never search for your inventory again



STOCK LEVELS

Get alerted when you need to re-order important items

CAPTURED IN REAL-TIME

Why RGIS?

How does RGIS make RFID better?

We combined our inventory experience across the globe, with experts in RFID technology.

We put our healthcare team to work on implementing RFID tags for our hospital, pharmacy, healthcare manufacturing and distribution clients.

Partnership has its benefits...

PARTNERSHIP:

RGIS partnered with a premier healthcare technology provider in order to implement the most efficient solutions for our client.

INSTALLATION:

RGIS teams have professional certifications and experience installing top-of-the-line RFID cabinets and tags.

CUSTOM RFID TAGGING:

Custom tagging in hospitals and for healthcare manufacturers has lead to overall supply chain cost savings for RGIS clients.⁸

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RGIS

HEALTHCARE

¹ "RFID's Role in Healthcare Inventory Management - Terso Solutions, Inc. Terso Solutions, Inc." 2016. Accessed August 10. <http://www.tersosolutions.com/rfid-in-health-care-inventory/>.

² "Healthcare Supply Chain Management | Materials | Inventory | SCM." 2016. Accessed August 10. <http://ghx.com>.

³ McGowan, Matt. 2016. "Better Inventory Management Systems Can Reduce Operating Room Costs, Study Finds." University of Arkansas News. Accessed August 10. <http://news.uark.edu/articles/22569>.

⁴ Ledlow, G. R., K. Manrodt, and D. Schott. 2016. Health Care Supply Chain Management. Jones & Bartlett Learning.

⁵ "RFID's Role in Healthcare Inventory Management - Terso Solutions, Inc. Terso Solutions, Inc." 2016. Accessed August 10. <http://www.tersosolutions.com/rfid-in-health-care-inventory/>.

⁶ Hunt, V. D., A. Puglia, and M. Puglia. 2007. RFID: A Guide to Radio Frequency Identification. Wiley, pg 21

⁷ Hunt, V. D., A. Puglia, and M. Puglia. 2007. RFID: A Guide to Radio Frequency Identification. Wiley, pg 7

⁸ RGIS Case Study on Custom RFID Tagging