

**newave®**

— smartInventory  
Management System

*Product Overview*



# ***newave® smartInventory Management System (SIMS)™***

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The Medical Industries'  
First Fully Automated  
Consumable Supplies  
Inventory Management Solution

# About newave®

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- Develops optimized RFID solutions for today's most challenging medical, supply chain, retail and supply chain applications
- newave's patented wave® antenna embodies a radically new concept in antenna design providing true item-level tracking
- Platform based on the breakthrough patented wave® RFID antenna technology is the first and only antenna specifically designed for RFID use
- Technology developed by the world-class ElectroScience Laboratory of The Ohio State University
- Dr. Dennis Burnside, former Director and Professor Emeritus at ESL and The Ohio State University is the newave Chief Technology Officer
- Wistron NeWeb Corporation (WNC), the Taiwan-based global leader in electronics manufacturing is a significant investor and supplier
- newave's management team leverages a strong heritage in RFID solutions

# *Traditional Consumables Inventory System*



Most hospitals and clinics use older paper, PAR or KANBAN systems requiring visual triggers such as bar code readers or cards based systems for inventory management. These systems require human intervention, which is a poor use of resources and typically results in unreliable and poor inventory control.

# ***Consumable Inventory Challenges***

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- Growing financial pressures & increased workloads
- Pressured to cut cost and or staff
- Need to optimize staff efficiency
- Inefficient consumables inventory management system and processes in place
- Poor use of highly skilled resources (nurses and doctors wasting time on inventory management)
- Many overstocks
- Frequent out-of-stocks
- Rush orders to compensate
- Product loss / shrink
- Management of date sensitive products



# ***newave® smartInventory Management System (SIMS)™***

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The health industries first fully automated medical supplies inventory management solution effectively manages consumable medical supplies, valuable assets, improves inventory management and staff compliance at your facility. SIMS provides real time precisely accurate monitoring and updating of supplies usage and delivers replenishment notifications with no human intervention.

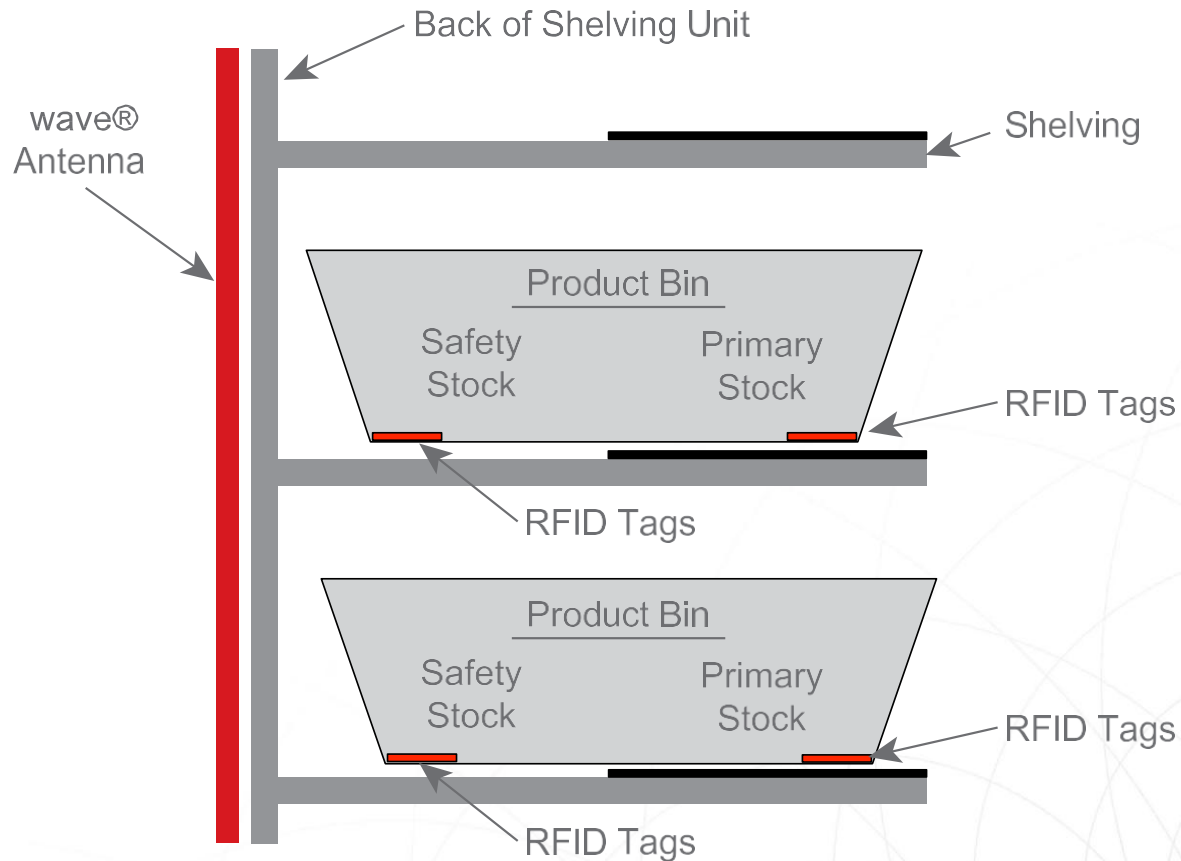
The Patent Pending SIMS solution will help optimize your supply chain in support of your business strategies. The benefits are straight forward, offload inventory management, free up your staff to do their job, maintain FIFO (First In First Out), eliminate Out of Stock, eliminate Over Stock, eliminate rush orders, improve staff and patient satisfaction and at the same time save you money.

# ***The newwave® SIMS Solution***

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- A shelving unit in each inventory area is equipped with newwave's Patented wave® RFID antennas and plastic bins for each loose product
- Each bin is divided in two halves consisting of primary and safety stock and is assigned an RFID SKU
- Each bin bears an RFID tag at either end of the bin. As the Primary Stock is consumed the bin is turned around to access they Safety Stock. No other human intervention is needed
- RFID system reads the bin position to determine whether it is on Primary Stock or Safety Stock. When SIMS reads a Safety Stock tag it automatically places a reorder to replenish the stock
- SIMS Software is a cloud based software constantly updates the stock positions for each bin
- Stock status is always available and automatically updated with precise accuracy all with no human intervention
- Boxed items can be tagged individually (IE: high value items)

# The SIMS RFID Bin System





# *The SIMS RFID Bin System*

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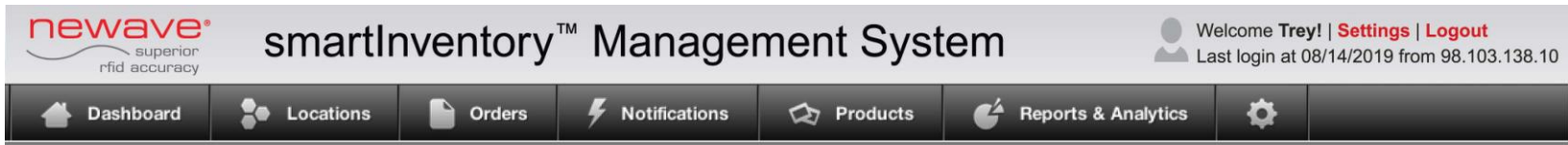


# ***newave® SIMS Software***

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- Easy to use Internet based portal system
- Fully customizable including user screens and reports
- Accurate stock status by product and location, see which supply bins are in a safety stock position
- Information is automatically collected and fed to the order replenishment report with no human intervention
- Locally or remotely monitor the inventory level of each item, through the use of a web-portal
- Supplies vendor can monitor inventory levels to identify which items need replenishment with the approval of the medical facility
- Vendor generates a “proposed reorder” to be viewed and approved by the hospital
- Detailed inventory movement data is generated that can be analyzed to consistently improve inventory control

# newave® SIMS Software



- **Dashboard** – High level system wide view
- **Locations** – Sites, companies, addresses
- **Orders** – Order items, safety bins contributing to order
- **Notifications** – Email / Tex notifications –IE: low stock
- **Products** – Product details, packaging details, manufacturer
- **Reports** – Orders, safety stock bins, products
- **Tools** – Build order, PO status, Shipping, Receiving, RFID zones

# Safety Stock Location

 **smartInventory™** Management System

Welcome **Trey!** | [Settings](#) | [Logout](#)  
Last login at 08/14/2019 from 98.103.138.10

[Dashboard](#) | [Locations](#) | [Orders](#) | [Notifications](#) | [Products](#) | [Reports & Analytics](#) | [Settings](#)

Signed in successfully.

## Locations With Safety Stock

[CSV](#)

Showing 1 to 23 of 23 entries

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Company Name	Site Name	Site Address	Location Name
Ontario Health Clinic	Brantford Health Clinic	40 Shellington Place, Brantford	Supply Room 1
Ontario Health Clinic	Brantford Health Clinic	40 Shellington Place, Brantford	Supply Room 2


## Locations Below Par

[CSV](#)

Showing 1 to 10 of 10 entries

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Company Name	Site Name	Site Address	Location Name
Ontario Health Clinic	Brantford Health Clinic	40 Shellington Place, Brantford	Warehouse

# Supply Room by Item Inventory Status


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**Ontario Health Clinic - Brantford Health Clinic - Supply Room 1**
[Edit](#)

Company Name:	Ontario Health Clinic	Site Name:	Brantford Health Clinic	Location Name:	Supply Room 1
Primary Contact Name:	Leah Vandemerwe	Primary Contact Phone:	519 753 9581 x3182	Primary Contact Email:	lvandemerwe@brantfordhealthclinic.ca
Address Line 1:	40 Shellington Place	Address Line 2:		City:	Brantford
State:	ON	Postal Code:	N3S 0C5	Country:	

**Shelf Bin Summary**
[CSV](#)

Showing 1 to 87 of 87 entries

Product Name	Safety Bin Status	Last Updated
Aid Plus Tensor Bandage 2"	Primary	08/10/2013 01:48:30 AM MDT
Aid Plus Tensor Bandage 4"	Primary	08/01/2013 02:13:29 PM MDT
Aid Plus Tensor Bandage 6"	Primary	09/13/2012 09:44:22 AM MDT
Alcohol prep pads	Primary	09/10/2013 12:48:08 PM MDT
Autoclave pouch 3.25 x 6.25"	Primary	03/05/2013 02:10:36 PM MST
Autoclave pouch 3.25 x 6.25"	Primary	11/06/2012 09:04:18 AM MST
Autoclave pouch 3.5 x 9"	Primary	08/01/2013 02:13:48 PM MDT
Bactigras dressing 10x10cm SN7457	Safety	09/23/2013 02:33:16 PM MDT
Batteries Energizer AA	Primary	03/20/2013 06:16:00 AM MDT
Cotton Balls	Primary	08/22/2013 07:58:32 AM MDT
Coverplast Fabric Dressing adhesive	Primary	03/05/2013 02:10:36 PM MST
Cups drink 5oz	Primary	11/06/2012 09:16:36 AM MST
Dexidine 2 solution 450ml	Primary	09/13/2012 09:44:22 AM MDT



# ***newave® SIMS Benefits Summary***

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- One time inventory reduction through improved supply chain management
- Optimizes staff time with patients, leading to improving healthcare outcomes
- Minimizes out of stocks and rush orders
- Supports FIFO inventory model to manage stock with expiry dates
- Update on-hand inventory as supplies arrive at your facility with precise accuracy
- More efficient and timely financial reporting. Return on Investment in months
- Reduce/eliminate manual inventory by offloading inventory management from your staff
- Reduce supply order time through virtually complete automation of the process
- Staff productivity gains through workflow improvements. Improved employee and patient satisfaction
- Creates a data base that will allow more efficient inventory control including anticipating supply movement changes



# ***Thank You***

## Any Questions?

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[www.newaverfid.com](http://www.newaverfid.com)

888-677-7343

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