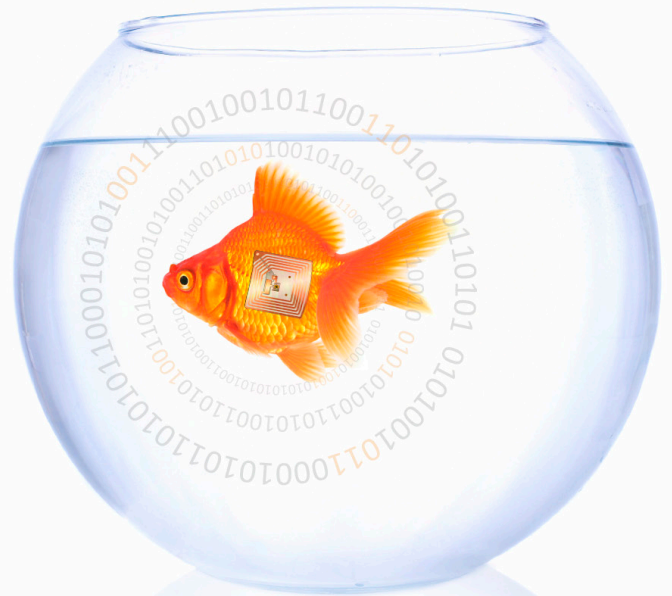


# CC-iD

An RFID-empowered supply tracking solution



A resourceful solution by Logi-D





## Resourceful inventory management

The Logi-D CC-iD solution automates the management of supplies requiring item level traceability such as high value or consignment items. CC-iD stores the consumption history of these critical supplies in a highly efficient, reliable and safe manner. It also allows for the automatic replenishment of these valuable items and provides a real-time view of their inventory. It relieves staff of time-consuming logistics tasks while helping ensure that clinical employees have essential supplies when they need them.

## Resourceful traceability

CC-iD tracks supplies from the receiving dock to consumption, while limiting clinical staff involvement. It is therefore possible to obtain complete and accurate information on critical high-value products. The system also facilitates the gathering of all relevant information, including serial numbers and expiry dates. Throughout the process, products that are nearing their expiry date or that have expired are identified. Collected information can also be transferred automatically to other systems, such as the ERP, materials management, billing and EMR applications. All relevant consumption data is also compiled to generate a variety of reports and analyses.

## Resourceful benefits

### Frees up nursing time by:

- Eliminating the need to manually transcribe data
- Eliminating clinical staff involvement in data collection
- Automating data transfer to the hospital's MM applications
- Automating data transfer to clinical applications
- Automating data transfer to billing applications

### Facilitates supply chain management activities by:

- Providing expiration dates and product recall management
- Improving all replenishment and logistics activities
- Providing access to real-time information

### Increases product availability by:

- Automating data transfer to generate requisitions
- Eliminating errors in the reordering process
- Facilitating product put away

### Saves money by:

- Eliminating product expiration
- Reducing the costs associated with product loss
- Simplifying the reconciliation of invoices and inventory

### Increases revenue by:

- Automating the charge capture process
- Reducing lost charge capture incidents

Convert product data to RFID...

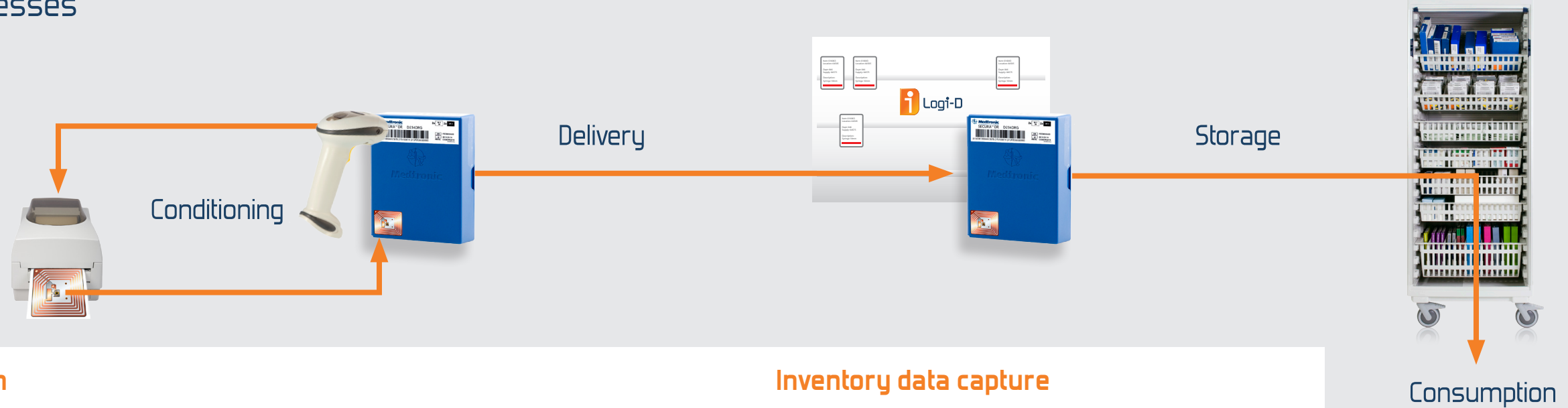


...and capture consumption by disposing of empty packaging...



...automated requisition generation, inventory optimization, charge capture, and traceability through real-time information.

# Resourceful processes



## Barcode conversion

One of the strengths of CC-iD is in its design; it converts all manufacturer barcodes during the product conditioning phase into numeric information linked to RFID technology, which automates all supply-related data collection.

The following information on delivered supplies is captured by scanning manufacturer barcodes during the conditioning process:

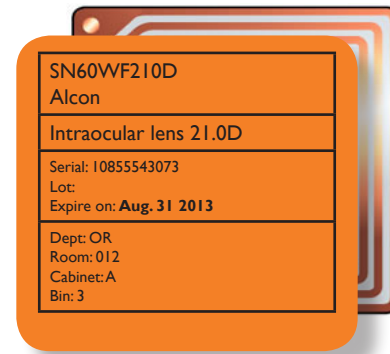
- Manufacturer's product number
- Serial number or lot number
- Expiry date

Data is transferred to CC-iD in real time; the application then automatically retrieves the following information from the hospital's database:

- Internal product number
- Internal product description
- Requesting department/specialty
- Storage location

An RFID printer automatically prints a removable self-adhesive label that contains a unique RFID transponder. Pertinent product information is also retrieved and printed on the label, including its storage location identification, which accelerates put away and enables delegation of this activity to non-clinical staff.

The label is then affixed to the product packaging, thereby providing computerized tracking using RFID technology and facilitating internal management processes.



## GS1 compatible

All of Logi-D's solutions are GS1-capable. When these standards are in effect, our solutions will read GTIN barcodes and use GLNs for the management of product locations.

## Inventory data capture

When delivered for storage in the user department, the product is swiped in front of the Logi-D RFID board to update the CC-iD application database. This action records the time that the product was delivered to the user department and confirms that it has been placed in its storage unit, ready for use.

The same RFID board is also used for our 2BIN-iD solution, which is gaining international recognition as a leading practice to manage lower value/high volume items in batches and trigger replenishment of these items with minimal clinical involvement.

## Consumption data capture

When the product is used, its packaging is disposed of in the CC-iD intelligent receptacle in the room where the clinical procedure is conducted. The intelligent receptacle technology transmits the item's unique identifier, recorded in the RFID transponder, to the CC-iD database. This registration creates a replenishment request transaction, which is transmitted to the hospital's material management application. The same information can also be transferred to other information systems, such as the patient file or billing application.



## Resourceful knowledge

Because Logi-D was originally founded as a hospital supply chain consulting group with a research affiliation with the HEC Montréal Business School, our consulting and research experience has provided us with an in-depth understanding of dominant supply chain issues. Building on this experience, we continuously expand our knowledge by sourcing best practices, emerging technologies and leading standards across borders and industries, which has resulted in a comprehensive and resourceful knowledge base.

## Resourceful ideas

However, simply knowing the sector does not distinguish us from our peers. It is through our core competency of innovation that we connect the dots in new ways and convert our knowledge into resourceful solutions, just as we have transformed ourselves into a hospital logistics solutions integrator. We strongly believe that an end-to-end solution generates the best results, given the dynamics of the supply chain, and that the standard solutions available on the market today do not always solve the issues. It is with this in mind that we have developed our iD suite, a unified solutions platform of best of breed solutions designed to interface easily to host applications.

## Resourceful solutions

The common denominator in any healthcare organization around the globe is a focus on clinical services, as it should be. But in many cases, the back office supporting the front line is left stretched to the limit due to cumbersome manual processes. Our focus is to create resourceful solutions that simplify and automate both front line clinical services and back office support functions. This not only allows the front line more time to deliver care, but also enables optimized and consistent back office processes.

## Resourceful R&D philosophy

The leading practices we adopt and transform are translated into effective automation solutions, simplifying user interaction and compliance. Emerging technologies are integrated to optimize data capture and communication within the supply chain. Ongoing value and effectiveness are assured by our continuous seeking out and adopting of leading standards.



“We continuously expand our knowledge by sourcing **best practices, emerging technologies and leading standards**”

# Putting resourceful ideas to work

