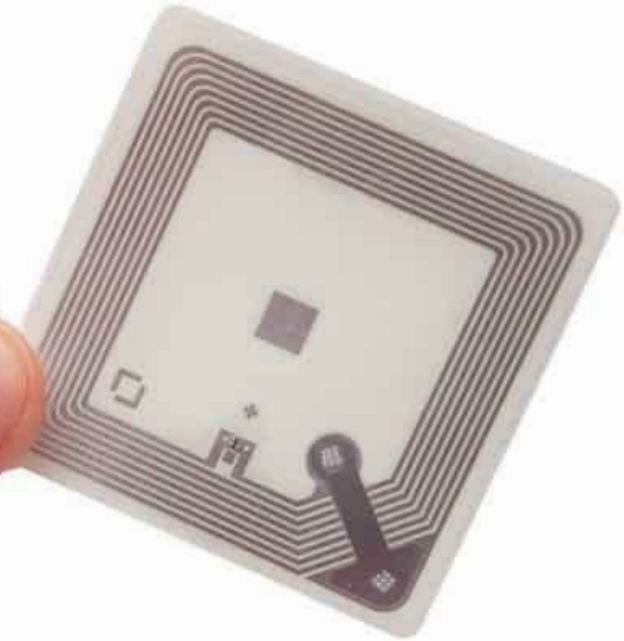




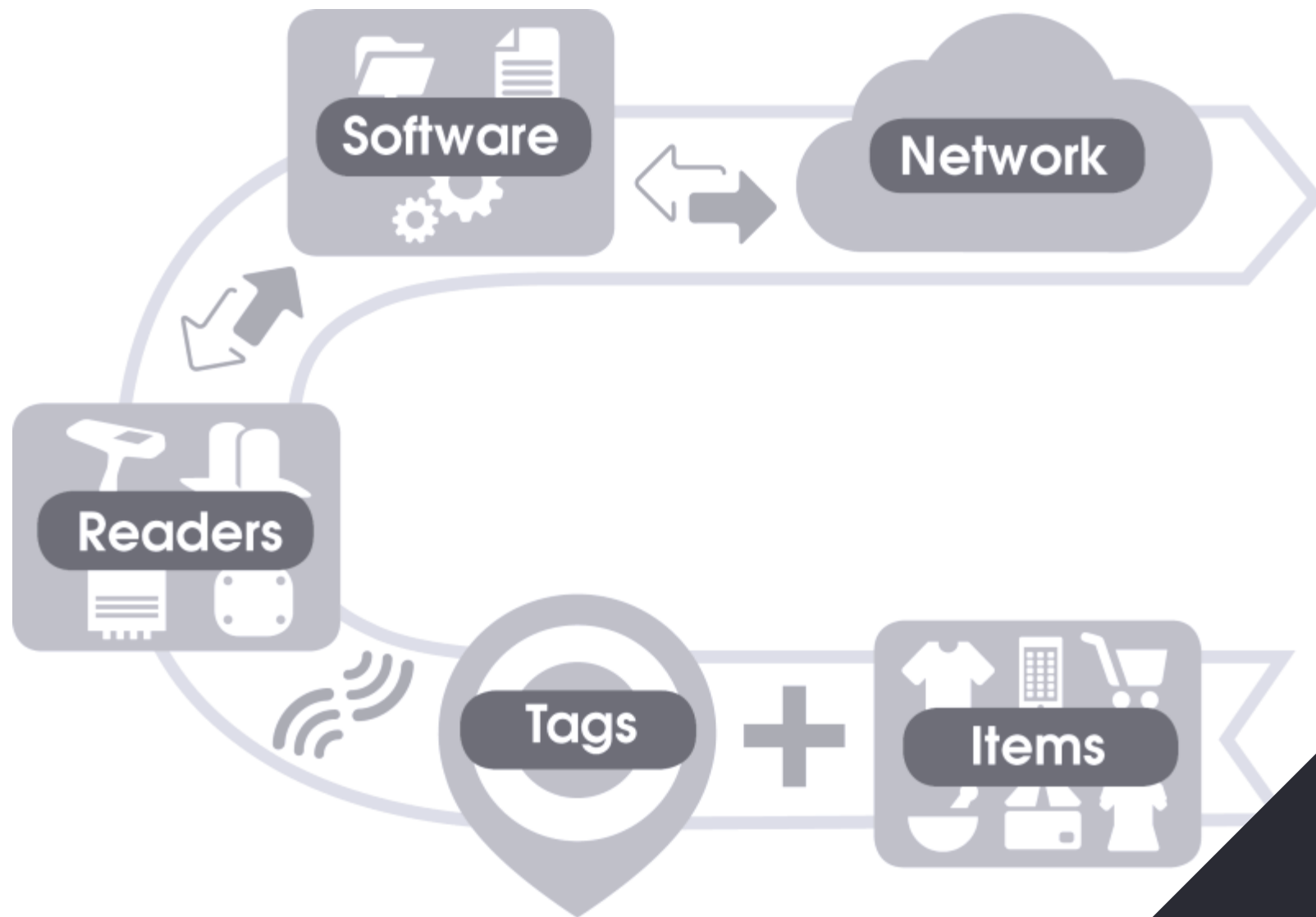
**RFID Based**  
Inventory Management System

 **DIGITALISTIC**

**SERVICE  
PORTFOLIO**



**RFID is a well-established and widely used auto-ID technology that uses electromagnetic frequencies to transmit location data for inventory.**

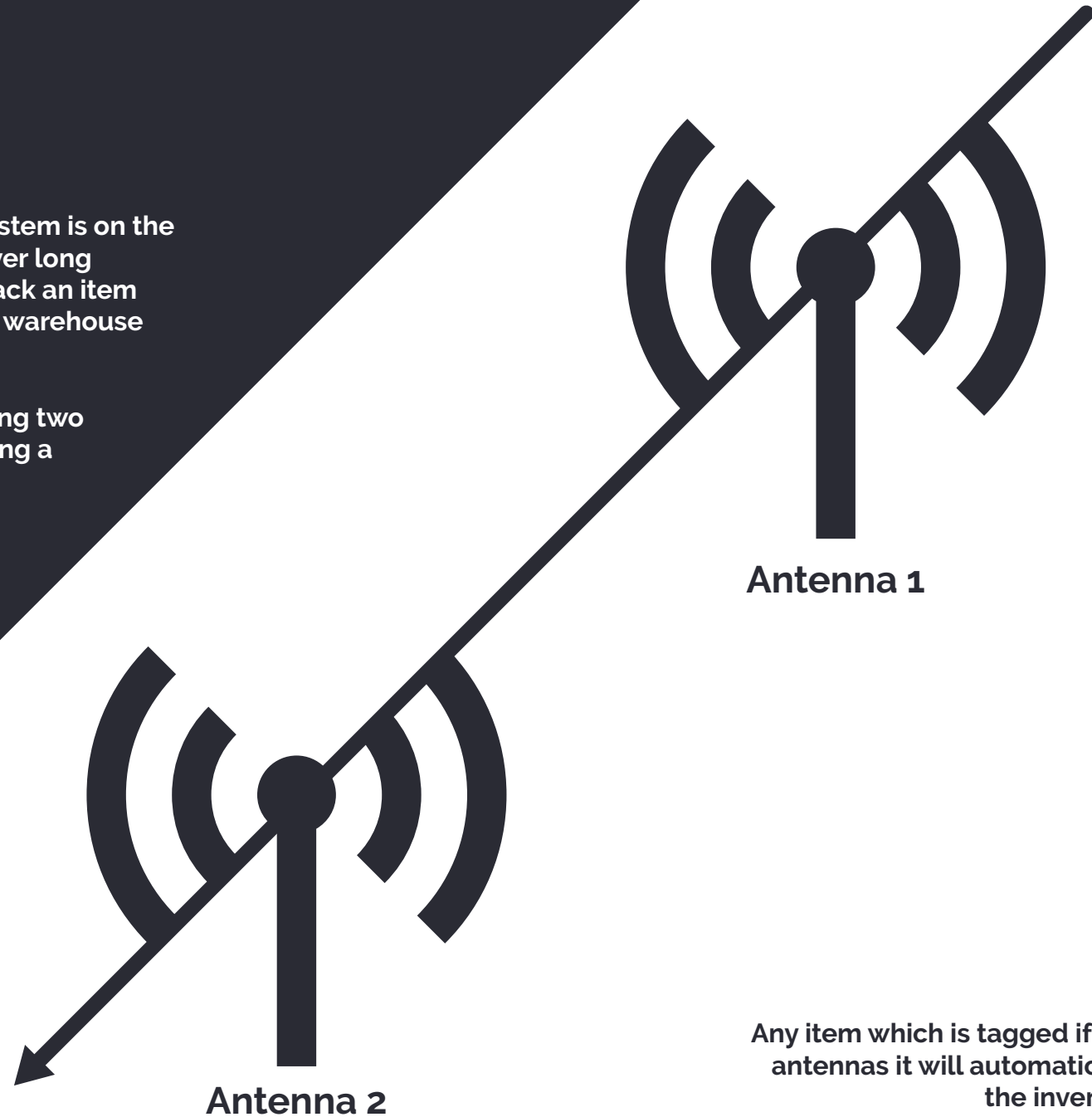


How it works



As the RFID tags used by the system is on the UHF band it can be detected over long distances which allows us to track an item whether its currently inside the warehouse or not.

This can be achieved by installing two long range UHF antennas forming a gate at the warehouse which automatically detects nearby tags and updates the system.



Any item which is tagged if crosses the antennas it will automatically update the inventory status.

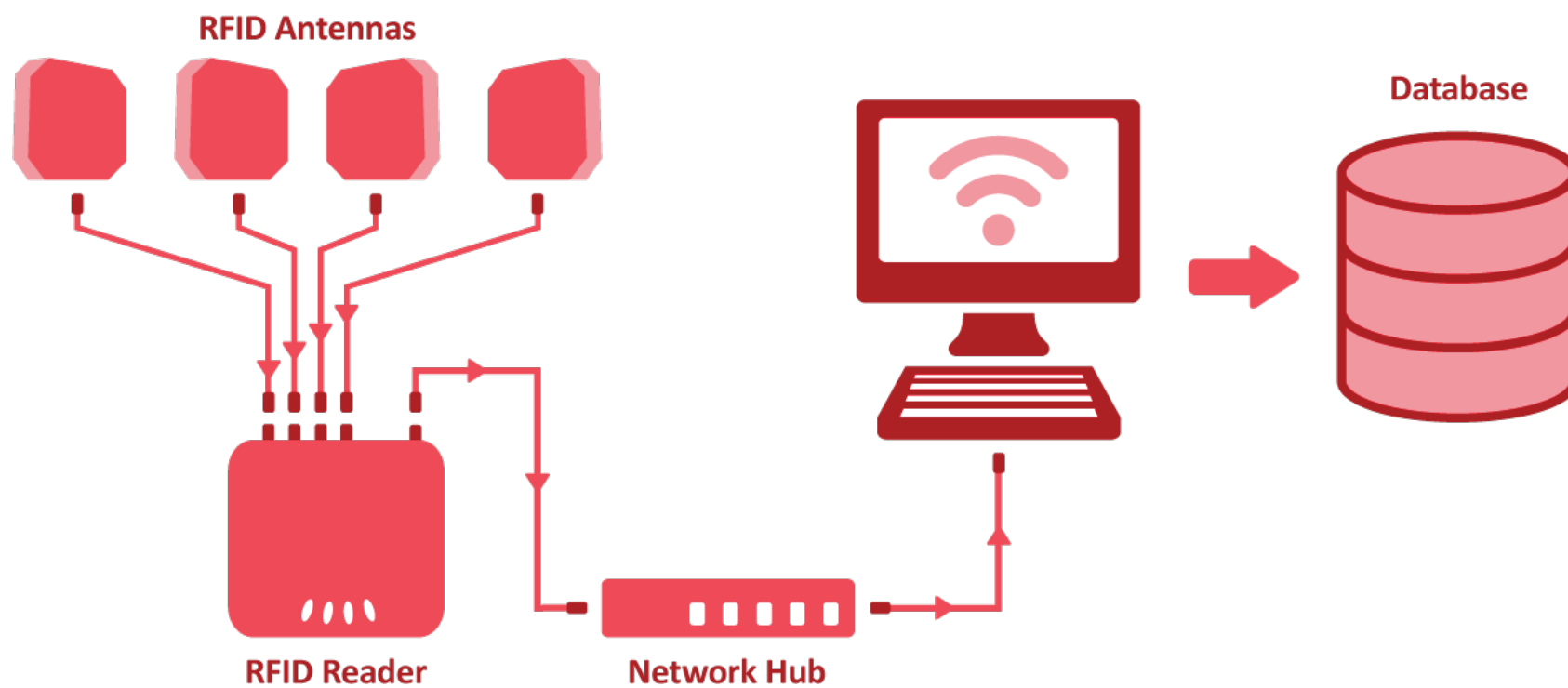
## Step by Step Walkthrough:

- Handheld scanner scans the tag and passes it to the system
- The system registers it in the inventory





## Integrated Multi Antenna System Topology



Home

Report

Clients

Inventory

Add Yarn Count

History

Logout

# Yarn Stock

Filter By Company:

ALL

Search By:

☒ Color

☐ Composition

☐ Yarn Type

☐ Count

Search for names..

Yarn Name	Company Name	Color	Composition	Yarn Type
101	TECHNO	Grey	Cotton 100%	Carded
103	TECHNO	White	Cotton 100%	Carded
104	ZARINA	Grey	Cotton 90%-Viscose10%	Grey Melange
102	UNITEX	White	Cotton 100%	Carded
105	WEIQIAO	Grey	Cotton 100%	Combed
105	WEIQIAO	Grey	Cotton 100%	Combed
105	O.N		Cotton 80%+Polyster 20%	
107	TECHNO	White	Cotton 100%	
108	WEIQIAO	Grey	Cotton 100%	
108	MSA	Grey	Cotton 100%	
110	PRATIBA	Grey	Cotton Melange	
111	Square	Grey	Polyester 65%+Cotton 35%	
112	KAROTOA	Grey	Cotton 90%+Viscose 10%	
113	ON		65/35	
114	ISIN	Grey	Cotton100%	
117	TECHNO	Grey	Cotton	



Inventory List after registering it in the system. The system tracks each and every properties which will be used for the inventory items.




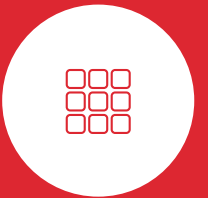
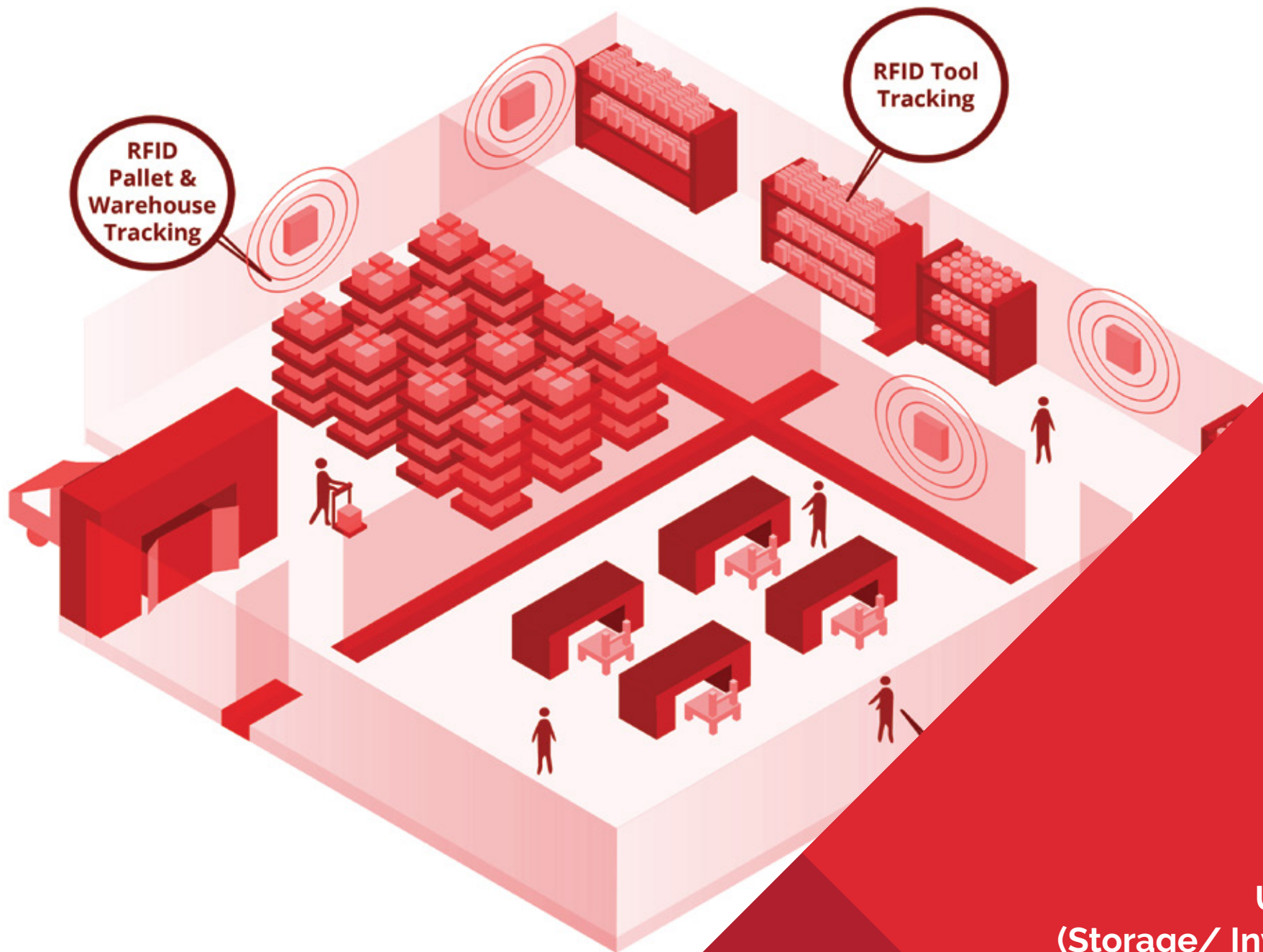
## Industrial Benefits

- An internal reduction of inventory levels as a result of greater inventory accuracy.
- An increase in speed and accuracy in materials handling operations by substantially reducing the number of touches per carton, resulting in a significant reduction in distribution center (DC) labor cost.
- An increased speed of cycle counts, decreasing the labor required while simultaneously increasing the accuracy of the count.
- A reduction or elimination of manual item-level audits of carton contents, thus minimizing the time and labor associated with the DC receiving process.
- The ability to audit each outbound pick-pack carton quickly to ensure a high degree of outbound accuracy and be able to detect errors before they are found by the customer.
- A reduction in the number of claims or chargebacks by retail customers.



# Industrial Benefits

- The automatic ability to create an automated shipping notice (ASN) based on the products in the container and the time of departure of that container.
  - The verification of an entire container manifest without needing to unpack the container.
  - With consistent, highly accurate performance, it will allow a supplier to completely bypass the retailer's DC, and instead ship direct to stores, avoiding any need to cross-dock that merchandise at the retailer's DC.
  - A reduction in shrinkage due to customer and employee theft.
  - Enable continuous quality improvement and result in fewer return-related costs and markdowns.
  - By enabling tracking and tracing, RFID has the potential to reduce the cost of compliance
- 
- A large red triangle is located in the bottom right corner of the slide, pointing towards the top right.



Use-case  
(Storage/ Inventory)



- Automated inventory management system
- Supply chain management
- Product cataloguing and tracking
- Movement tracking
- Checking in & out management system
- Access Control
- Interactive Marketing

# Contact Us

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