



# Nilliot

## Chek

Warehouses

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Bluetooth tags can be utilized to monitor and track goods stored in warehouses, including tracking their expiry dates. Here's how Bluetooth tags can assist in this process:

### Tagging goods

Attach Bluetooth tags or beacons to individual products or packaging. These tags are small, wireless devices that can be easily affixed to items without causing any disruption to the storage or handling process.

### Pairing with the inventory management system

Connect the Bluetooth tags to your inventory management system or a dedicated software application. This enables real-time monitoring and data collection from the tags.

### Setting expiration date parameters

Input the expiration dates of the goods into the inventory management system or software. Associate each expiration date with the corresponding Bluetooth tag or product.

### Automated monitoring

Bluetooth tags can transmit data such as temperature, humidity, and movement. Set up the tags to periodically send updates or activate when specific conditions are met (e.g., opening a container or reaching a certain temperature threshold).

## Alert notifications

Configure the system to generate automated alerts or notifications when the expiration date of a tagged product is approaching or has passed. These alerts can be sent via email, SMS, or directly to the warehouse management system, prompting timely action.

## Real-time tracking

Bluetooth tags allow for real-time tracking of goods within the warehouse. This helps warehouse staff locate specific items efficiently, reducing the time spent searching and minimizing the risk of overlooking items close to their expiration dates.

## Data Analytics

Bluetooth tags can provide valuable data for analysis. By collecting information on temperature, humidity, and movement patterns, you can gain insights into potential issues that may affect product quality or expiration dates. This data can help optimize storage conditions, identify areas for process improvement, and enhance overall inventory management.

Integration with other systems: Integrate the Bluetooth tag data with other systems such as the warehouse management system, supply chain management software, or quality control systems. This enables seamless data exchange and a holistic view of inventory status.

*By leveraging Bluetooth tags for monitoring and tracking goods, warehouses can improve inventory management accuracy, reduce the risk of expired products, and enhance operational efficiency. The real-time data and alerts provided by the tags facilitate proactive decision-making, ensuring timely actions are taken to prevent product wastage and maintain product quality.*