



DRONE WAREHOUSE VERIFICATION COUNT WITH QR CODES

Case Study: Warehouse – Cosmetics Manufacturer

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An international manufacturer of beauty and skincare products, with operations in 18 countries, required the support of RGIS. The company has branches covering Mexico, the United States, Germany, Austria, Netherlands, Switzerland and Indonesia. Distributors are also in Czech Republic, Hungary, Italy, Poland, Russia and Slovakia. Currently, it has a production plant that produces around 77.7 million products annually, and a distribution centre that makes four million deliveries a year.



REQUIREMENT

The cosmetics manufacturer needed a solution to **quickly count stock held on high racks** within a warehouse, so required RGIS to provide the following:

- **Reduce the time and cost** of previous internal warehouse inventory
- **Accuracy** as a priority
- Besides the counting of all the products in the warehouse, raw materials and supplies, the company needed a **cost saving approach for counting the upper sections**
- **Experience** of retail warehouse inventory



SOLUTION

The cosmetics manufacturer partnered with RGIS to complete the **warehouse drone stock count project**, and RGIS provided the following:

- Assigned a total of **414 experienced RGIS auditors** for a 17 day period to cover the complete project.
- **Manual count** was completed within the warehouse
- **QR codes were created** with all the information of each product:
 - Location
 - Barcode
 - SKU
 - Quantity
- **QR codes were attached** to the upper level pallets and **scanned with a drone**



RESULTS

The cosmetics manufacturer found by outsourcing the **warehouse drone stock count project** to RGIS, the following results were achieved:

- Scanned a total of **60 QR codes in 32 racks per level**
- **Counting was completed with the drone** in approximately five minutes per level, which was **much faster than the traditional counting** using the forklift
- **Reduction in both cost and time** because there was no need to hire forklifts
- **High accuracy levels**, as the count could be verified quickly



By partnering with RGIS, the cosmetics manufacturer found using the drones to verify and count the high level stock, **reduced both the cost and time** because there was no need to hire forklifts



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Warehouse Audit



Drone Technology



Accurate Data



Costs Saving



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