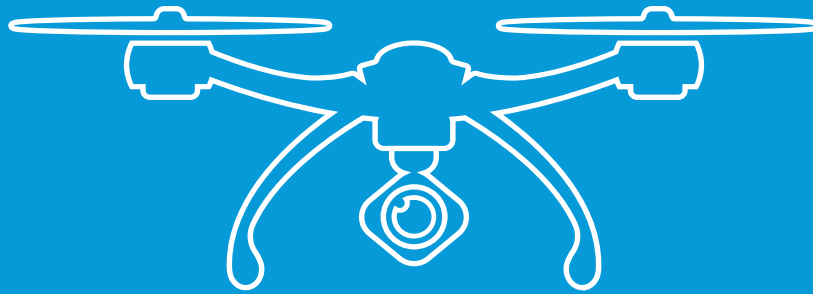




# Intelligent counting.



# No downtime, no external help, no endless manual counting.

Westernacher We count | PI Drone is the modern stock-take solution. Rapidly cut count time, reduce costs and prevent downtime. With our advanced, user-friendly aerial technology you can transform your inventory counting process and enhance your audit efficiency. The Westernacher We count | PI Drone's intelligent sensors allow it to navigate quickly and safely through the warehouse while an HDR mounted camera captures information in real time. With full integration to SAP EWM, the information is updated seamlessly into your system. There's no need to shut down operations, no need for third-party support while you keep your error rates down. So, it's business as usual while the drone completes your inventory count— independently, automatically, accurately.



# Traditional counting problems you can gladly do without.

In today's world, warehouses across the globe are operating 24/7, thus making physical inventory a quintessential element for on-time deliveries and audit compliance. Traditionally, inventory counting at high-rack warehouses is expensive and time-consuming. It requires at least two resources: a lift truck and someone to check the contents. In addition, inventory counting is often done outside business hours, which means overtime pay. The manual process is subject to increased human error. Westernacher We count | PI Drone is the modern solution to your traditional counting problems.



# Why Westernacher We count | PI Drone can be counted on to deliver.

## **Say goodbye to soaring costs.**

Inventory count has to be carried out monthly or quarterly, depending on the warehouse. It's a very expensive process if you do it in the usual way—using material handling equipment (MHE). Westernacher We count | PI Drone drastically brings down the costs incurred by using the traditional method.

## **Let drones take over third-party work.**

Some companies might not like to hear this. Especially when manual inventory is part of their services offering. For all businesses running a warehouse the good news is: Westernacher We count | PI Drone can perform the inventory count fully independently and automatically. All it needs is a charging station and the integration into your SAP EWM system, which is seamless. The whole inventory count is completed by the drone alone.

## **It's made for SAP EWM.**

If you already have or plan to have SAP EWM installed for your warehouse, you need a drone which is fully compatible with your SAP system. Westernacher We count | PI Drone is the first on the market developed for SAP EWM. Seamlessly connected and fully integrated into your familiar warehouse processes.

**Everything counts.**

An HDR camera mounted on the drone scans the label code at the destination and updates the system with bin location, SKU code, HU code and quantity. As cameras don't lie, make errors or fail, audit accuracy is ensured. All the information captured is scanned and directly updated in the SAP EWM against the physical inventory document number. The drone will give you the full picture—it counts and reports even empty bins.

**The drone knows the way.**

Westernacher We count | PI Drone is ordered by the operator to perform automatic inventory checks throughout the facility, accurately identifying inventory in putaway locations. With its intelligent sensors, the drone can navigate itself quickly and safely through the warehouse to the selected bins and capture critical information.

**Keep your business running while the drone is flying.**

There is no need to shut down your location when an inventory count takes place. As inventory counting with Westernacher We count | PI Drone causes no disruption to daily warehouse operations thus ensuring everyday processes can be continued normally.

**Everything in one place.**

Simple and user-friendly Fiori interface for PI activities. All the information captured by drones can be viewed on the responsive Fiori interface. Easily accessible, real-time information at your fingertips.

**Complete count in seconds, not minutes.**

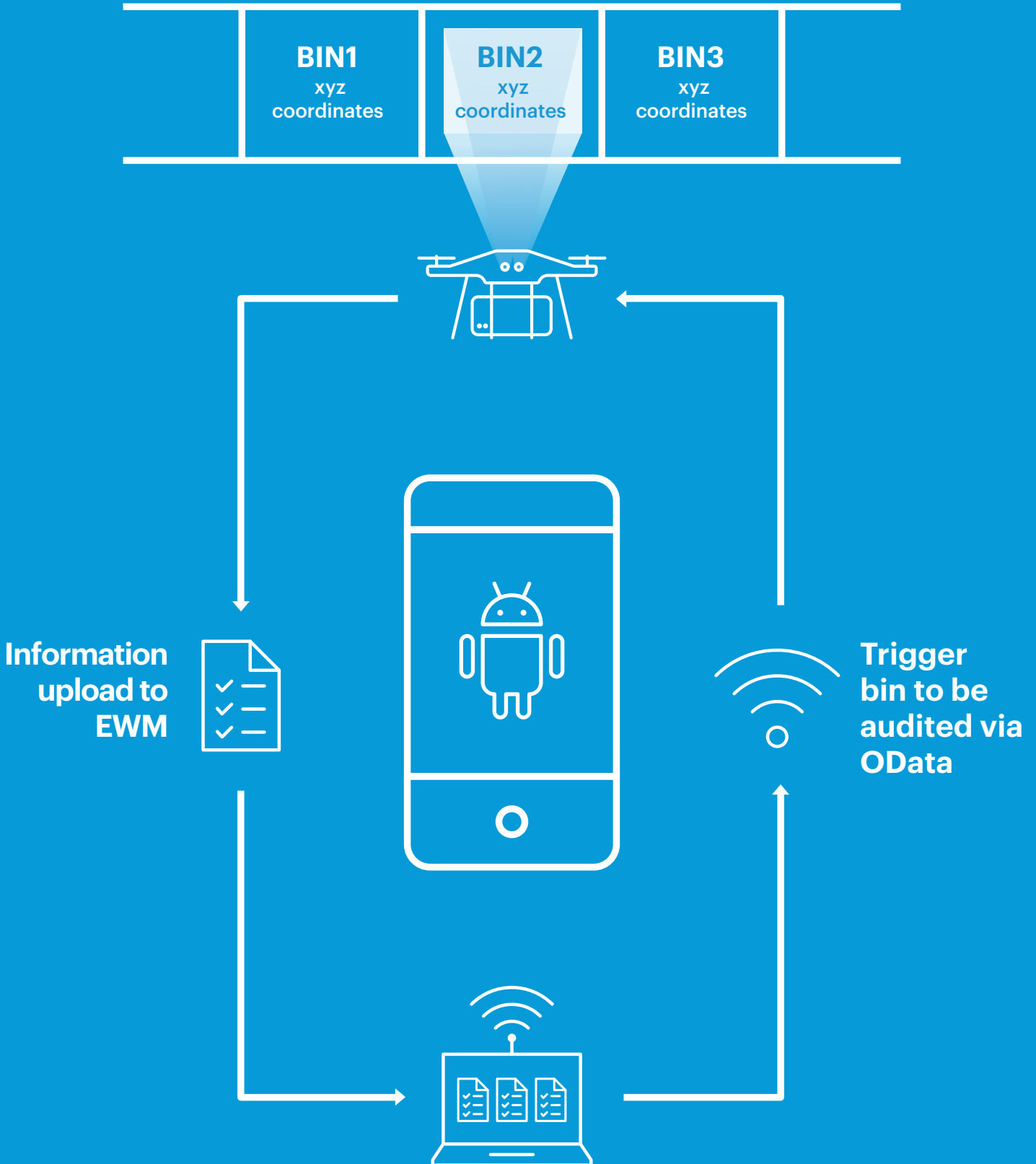
Save valuable time with the Westernacher We count | PI Drone and get the process done swiftly. From trigger of audit to updating the information back in the system for a bin—it takes 30 seconds instead of 3 to 5 minutes to complete a pallet count. Regardless of the height of the rack.

# How it works.



The bin coordinates to be audited are selected in SAP EWM (Fiori frontend) and sent to the Westernacher drone application on an android device/phone. The data is then sent to the drone via radio frequency. The drone is ready to go and takes off to the desired storage bins looking at the X,Y,Z coordinates. It travels to each bin, scans the relevant information (bin bar code, handling unit bar code and SKU bar code) and relays the information back to the android device. The information is then sent to the SAP EWM via OData. The captured information is recorded against the Physical Inventory document (PI doc) number in the SAP EWM. The information captured in the PI doc is compared against the system information and required inventory corrections are made post due diligence. This is all it takes to raise your warehouse inventory count to the next level and bring more efficient processes to your company.

**Bin coordinates are stored in XYZ format for each individual bin.**



# Let's get started.

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