

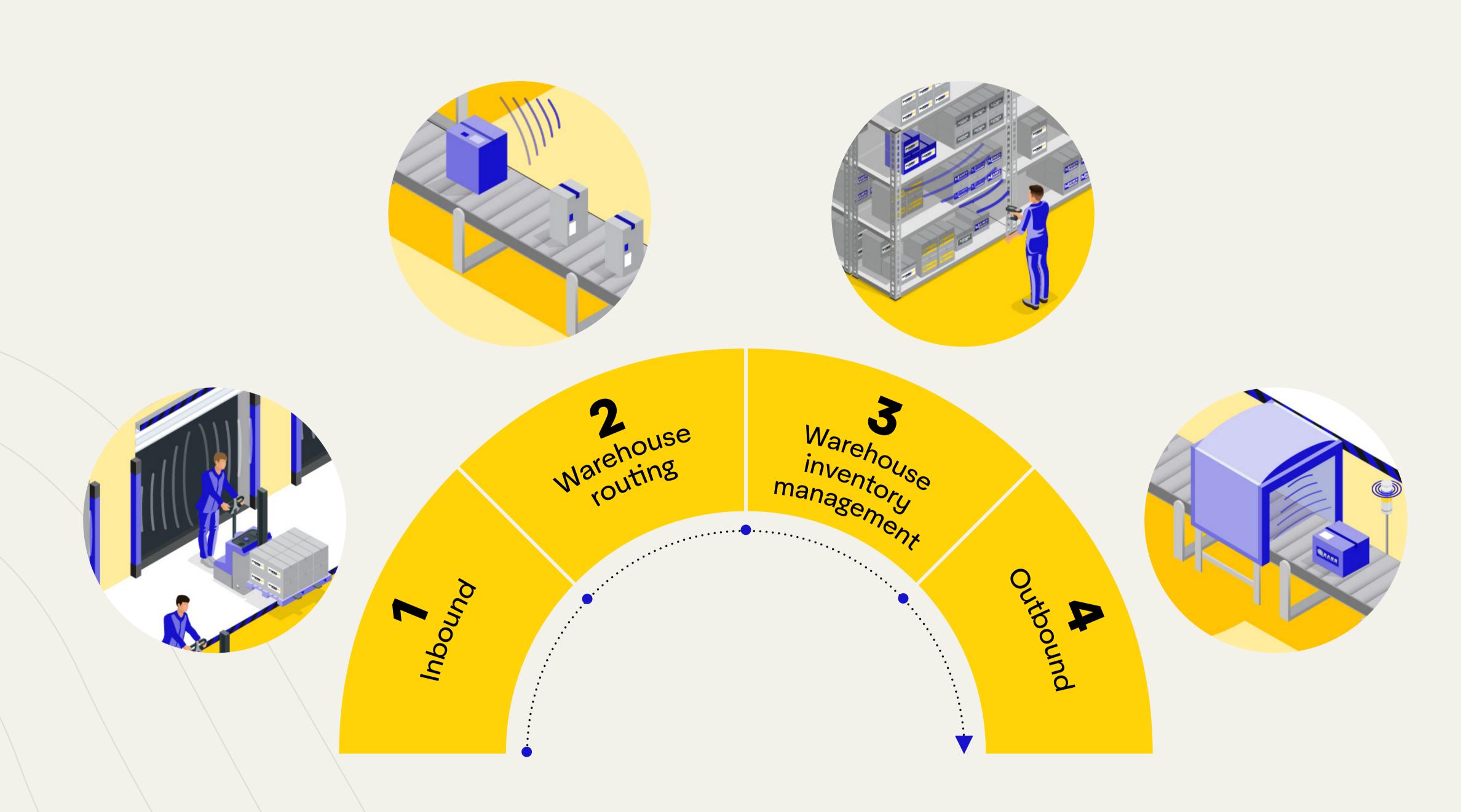
RFID: Freeing the bottlenecks in logistics Warehouse teams are ramping up

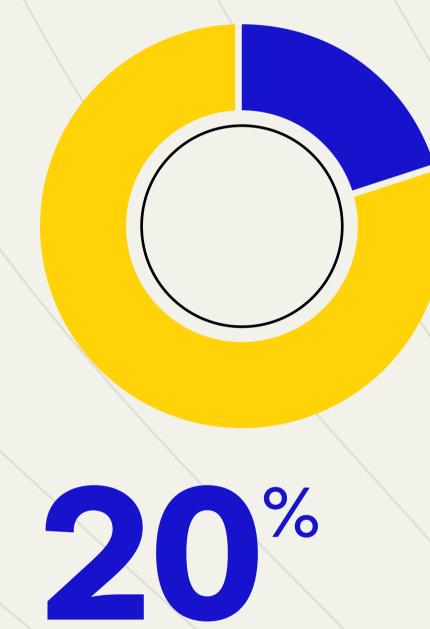
volumes and speeding up processes with intelligent label solutions



**Inventory Accuracy** 

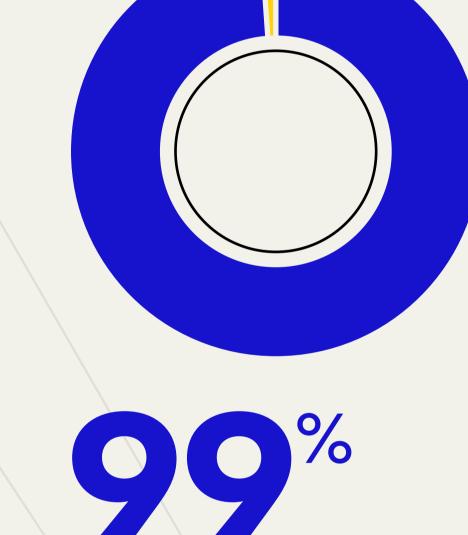






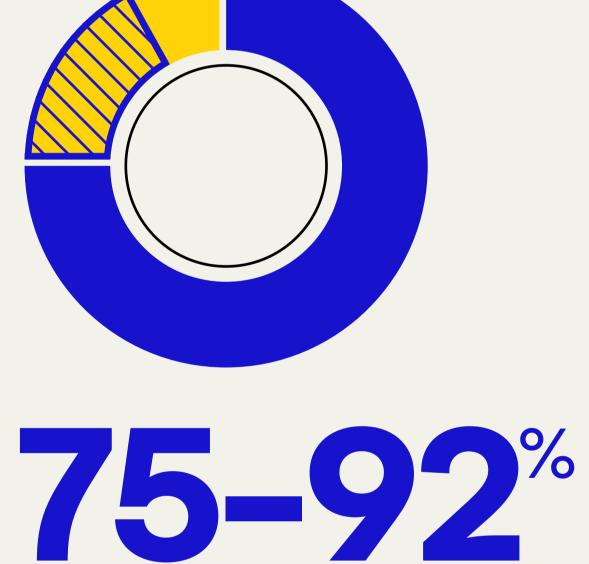
Increase in

productivity



Less outbound mis-shipments and

Inbound manifest errors



Faster counts

Source: Based on Avery Dennison customer pilots

# How are logistics operators using

Managing surging volumes in logistics

RFID to manage surging volumes through warehouses? The world's largest parcel logistics

Post and Japan Post are implementing RFID at locations worldwide. The technology is enabling warehouses to speed up throughput in anticipation

companies including DHL, UPS, Deutsche

surge in volume through the supply chain, during the holiday seasons

Source: Statista

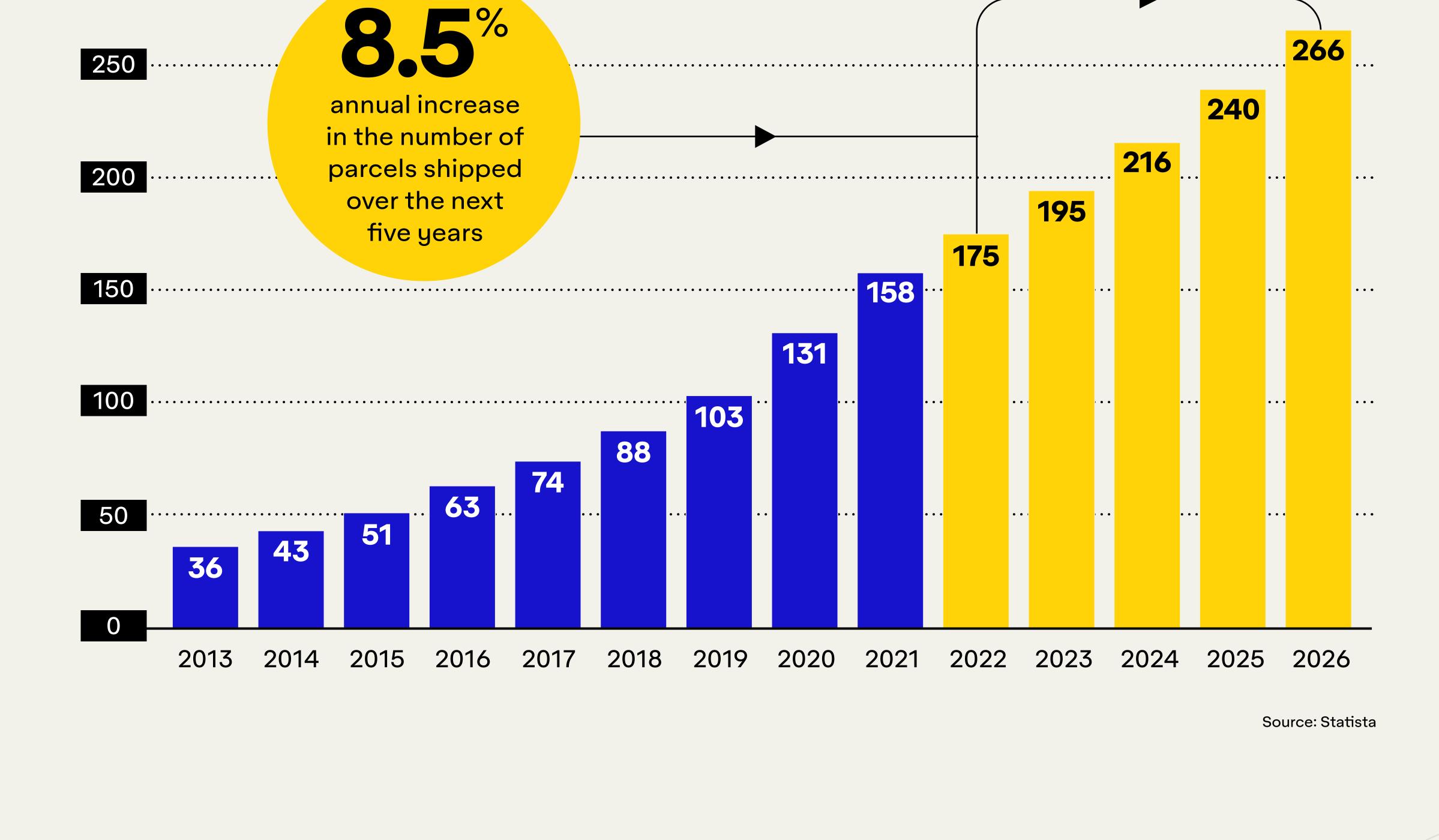
### Forecast Actual

Global parcel shipping volume

300

Billions of parcels

of relentless growth.



Europe

Percentage increase in BFCM\* parcel volume in 2022

Volume during BCFM period compared to approx. 21 days before

\*BFCM = Black Friday Cyber Monday

What does RFID change in the warehouse?

Manually scanning barcodes

results in errors, delays, and

inefficiencies. With RFID, data

collection can be automated.

Intelligent labels can be read

with no line-of-sight, and

**United States** 

Source: Parcel Perform

### multiple cases or parcels (an entire pallet) can be read simultaneously.

The reduction in human error and upside in efficiency are significant. And scalable.







## **Inventory management** use cases

Automated cycle count

Inbound and outbound

Pallet shipment verification

Case shipment verification

Parcel shipment verification

RTI shipment verification

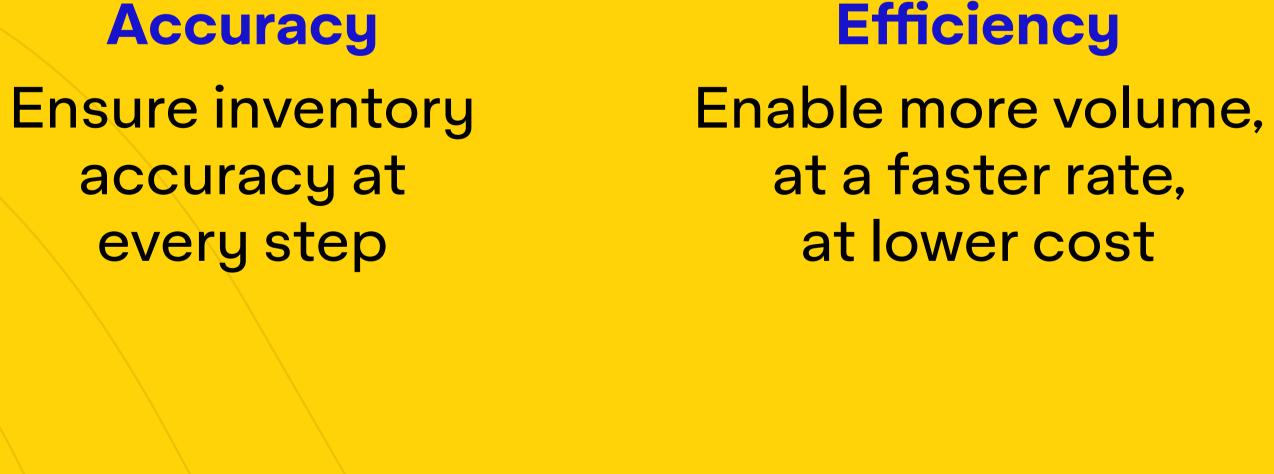
use cases

- Customs clearance RTI inventory Asset management
- Customs clearance Parcel sortation

Dangerous goods management

Routing use cases

Efficiency



**Avery Dennison Connected Logistics** 

at a faster rate, at lower cost



Visibility

# In the warehouse and at every stage of the supply chain we deliver connected logistics.

For the most complex inventory operations, for

and our partners are delivering Accuracy, Visibility, and Efficiency globally. +60bn

every shipment, wherever it is, Avery Dennison

**UHF RFID tags** World's designed and largest manufactured **UHF RFID** partner to date

contact your local Avery Dennison sales representative.

+1.5k RFID related patents and applications

worldwide





For more information on technical performance and printing recommendations, please refer to the respective datasheets. Please note that the Avery

Dennison product range and service offering can be subject to changes. For an accurate overview, please check our website label.averydennison.eu or

DISCLAIMER — © 2022 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison. All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All

Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see terms.europe.averydennison.com.

Learn more about RFID for your supply chain and logistics operations by contacting our experts at Avery Dennison visit the website for details

