

# Do you know how the lack of accurate dimensioning throughout operations impacts **your** business?

**If you're in the parcel delivery business,** revenue is directly tied to parcel dimensions. And your overhead costs and profitability are directly tied to when accurate parcel dimensions are visible throughout your inbound operations. Yet chances are accurate dimensions aren't captured until parcels reach the central hub — where it is often too expensive to recapture small billing inaccuracies, and too late to reduce costs through improved utilization of warehouse space and vehicles. The result? Millions of dollars in lost revenue.

**If your ability to optimize space is key in your operations,** profitability is directly tied to how well you optimize that space — whether you are storing items in warehouses or retail back rooms, loading trucks with shipments or packing cargo into a plane. Your ability to optimize space is dependent on visibility into constantly changing space requirements — which is dependent on visibility into the dimensions of what you need to store. Without realtime visibility into those dimensions, storage and shipping costs are higher than necessary. But manually capturing measurements and entering measurements into an app is error-prone and time consuming, impacting workforce productivity.

What's the answer? Zebra Dimensioning applications that run on Zebra mobile devices: Certified Mobile Parcel and Mobile Parcel.

**Certified Mobile Parcel** is legal for trade, allowing workers to use a Zebra mobile device to automatically capture dimensions of cuboidal parcels to accurately calculate shipping charges, virtually anywhere — and provide visibility into dimensions as early as possible to minimize warehouse space, vehicle trips, mileage, fuel costs and vehicle wear and tear.

**Mobile Parcel** automatically captures the dimensions of many items — standard cuboidal and non-cuboidal items, including tires, cable reels, a suitcase, a case of cans, damaged and bulging boxes and more. And upstream visibility into space requirements downstream drives the cost of storage and the cost of shipping down — without impacting workforce productivity.



~50%

The average number of people that have had a parcel returned due to inaccurate dimensions<sup>1</sup> — reducing revenue and customer satisfaction



## **Parcel Pickup**



#### **Pain Point**

Lack of accurate parcel dimensions at pickup/drop-off reduces your bottom line:

- Undercharging/lost revenue
- · Reduced profitability
- Costly disputes and false damage claims



#### **Solution: Certified Mobile Parcel**

Accurate parcel dimensions captured at parcel pickup/drop-off improves your bottom line:

- · Ensures charges are always accurate
- Increases revenue and profitability
- Eliminates shipping charge disputes
- Eliminates false damage claims since a photo is captured with dimensions
- Improves customer satisfaction and retention





of enterprises are
planning to implement
mobile dimensioning in the
warehouse to improve
space utilization and
load planning<sup>2</sup>



## Warehousing/ Vehicle loading



#### **Pain Point**

Lack of mobile dimensioning translates into inefficient use of space in warehouses, trucks and planes, increasing storage and shipping costs:

- Overestimating space requirements leads to inefficient use of warehouse space
- Longer goods-in/cross docking processes when parcels and items are manually measured or moved to the fixed dimensioner
- Reduced load efficiencies
- Reduced vehicle utilization
- Increased fuel and maintenance costs



#### **Solution: Mobile Parcel**

Visibility into accurate dimensions of incoming parcels and items reduces the cost of doing business:

- Speeds up goods-in processes by bringing a mobile dimensioner to a parcel — instead of taking the parcel to the dimensioner
- Enables better warehouse space allocation
- Enables better load efficiencies with fewer trips
- Reduces vehicle fuel and maintenance costs



### 159 Billion

2021 global parcel volume

– 5,000 parcels a second.

Predicted to increase 61%

by 2027 — potentially

overloading the fixed

dimensioner<sup>3</sup>



## **Central Hub**



#### Pain Point

Need to accommodate massive increases in parcel and item volumes — without impacting delivery times:

- Increased volumes may overwhelm the current fixed dimensioner
- The current fixed dimensioner lacks the flexibility to accommodate a major increase in parcel volumes
- Upgrading the fixed dimensioner to increase capacity is extremely expensive



# Solution: Certified Mobile Parcel and Mobile Parcel

Create adhoc mobile dimensioning stations to increase parcel dimensioning capacity anywhere and anytime:

- Provides flexibility to increase dimensioning capacity — without a major investment
- Leverages and increases the ROI of the Zebra mobile computers you already own
- It's easy all certifications are provided



Empower your workers with anywhere, anytime mobile dimensioning from Zebra. To find out how, visit www.zebra.com/zebra-dimensioning today.