

# Simplifying the Shipment Journey

## The Fast Lane:

### Increasing Expectations in the Supply Chain

The shipping industry is facing new challenges. Fueled by consumer demands, e-commerce sales have continued to increase while last mile deliveries have grown more complicated. Customers expect faster shipping times and more convenient fulfillment options.

**The result is that warehouses, distribution centers, and 3PLs are expected to grow their businesses as they run operations faster, cheaper, with 100% transparency, while achieving 99% accuracy.**

**Inventory in Motion**

**23 packages**  
per person shipped globally each year<sup>1</sup>

**2,760 packages**  
shipped every second<sup>1</sup>

## The Challenges

### Rising Costs

*Mistakes can get expensive*

**\$36B**

The annual cost of chargebacks due to mistakes in shipping<sup>2</sup>

**\$389k**

The annual cost of mis-picks to the average warehouse<sup>3</sup>

**2x**

How much pick time increases with every error<sup>4</sup>

**5x**

How much shipping costs increase when re-shipping and expediting late items<sup>4</sup>

### Need for Skilled Workers

*Good help is hard to find*

**More than 50%**

of warehouse labor resources are involved in order pick-pack-ship activity<sup>5</sup>

Labor costs constitute **roughly 65%**

of most warehouse facilities operating budgets<sup>6</sup>

Demand for skilled warehouse workers outpaces supply by a **6:1 ratio**<sup>1</sup>

**What can decision makers do to successfully navigate these challenges?**

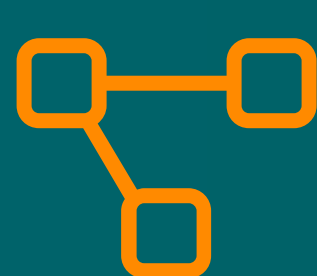
## One Simple Solution: RAIN RFID

Drives value through:



### Accuracy

Minimize costly errors and mis-shipments the first time



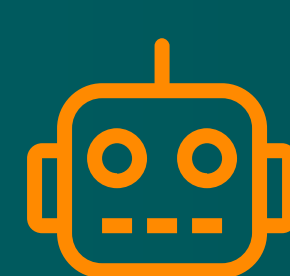
### Efficiency

Reduce workflow issues and streamline tracking and management tasks



### Visibility

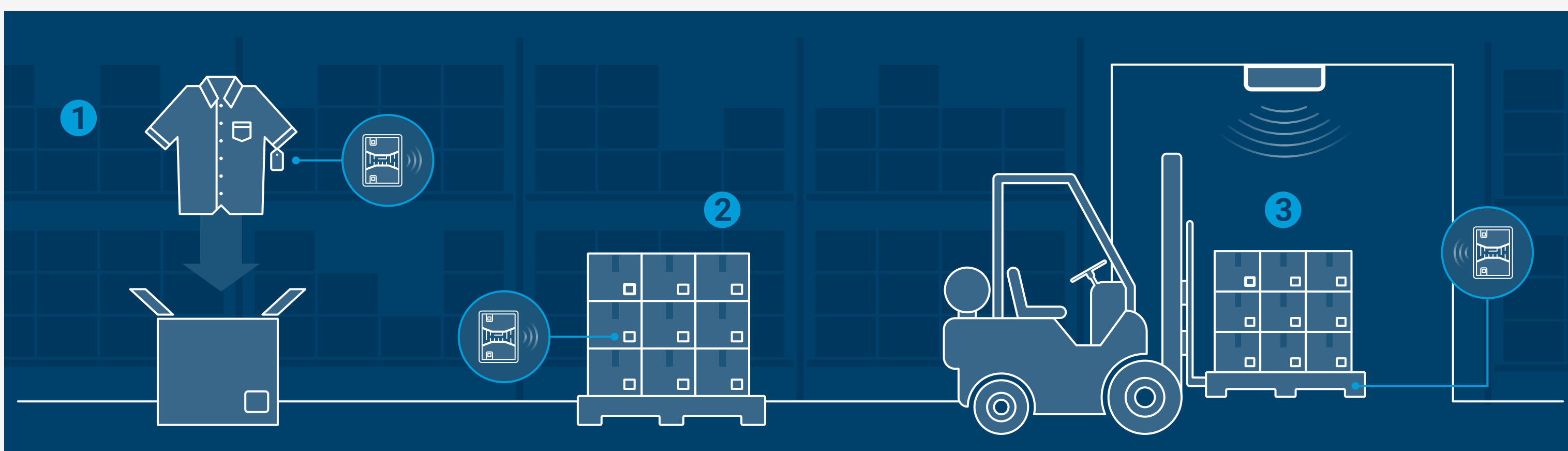
Achieve traceability throughout the supply chain



### Automation

Eliminate manual, error-prone data collection

## RAIN RFID in Action



### 1. Content Verification

Individual items are validated against the order as they are packed.

### 2. Pallet Build Verification

Boxes are loaded onto pallets based upon shipment location. Pallet contents are validated and ready for shipment.

### 3. Shipment Verification

Tagged pallets are validated to confirm correct outbound shipments before being loaded onto the truck. Inbound shipments are unloaded, validated, and received into inventory automatically.

## Benefits

Adding RAIN RFID to your shipping strategy can result in tangible ROI:

**↑ 90%**

improvement in receiving time<sup>7</sup>

**↑ 80%**

increase in shipping/picking accuracy<sup>7</sup>

**↓ 54%**

decrease in claims and chargebacks<sup>8</sup>

**↓ 67%**

reduction in picking error rates<sup>6</sup>

**↑ 25%**

gain in productivity<sup>3</sup>

**99.9%**

order shipment accuracy<sup>9</sup>