

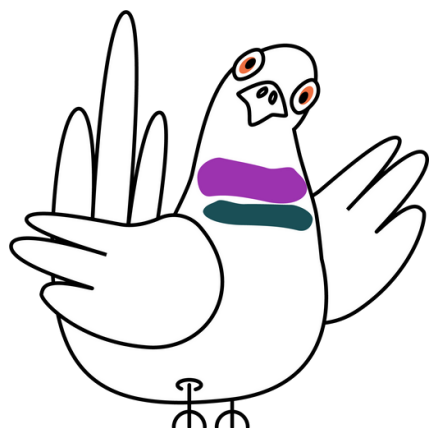


Smarter Packing and Cost Savings with Price Aware 3D Cartonization



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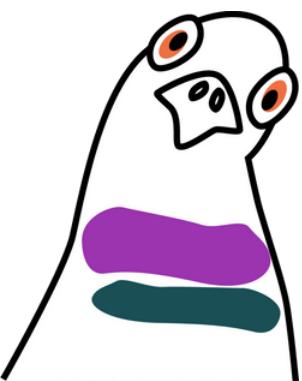




Executive Summary

Shipping costs are rising. DIM weight surcharges, fuel fees, and packaging inefficiencies are quietly killing margins for 3PLs, warehouses, and high-volume eCommerce brands. Meanwhile, most cartonization engines still operate on outdated logic: liquid-fill the cargo, minimize box count, apply static rules, ignore real-world cost variables.

Perseuss is a new kind of decision engine for fulfillment. We optimize packing realtime with a 3D-shape-aware and shipping-cost-sensitive algorithm that understands your unique business constraints and compliance rules like Hazmat and Dangerous Goods shipping.





Problem

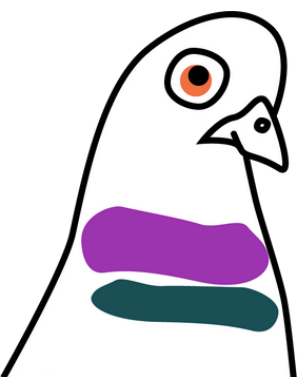


Packing Boxes is Hard...

Legacy packing methods were built for simplicity not efficiency. In 2025, that's a problem.

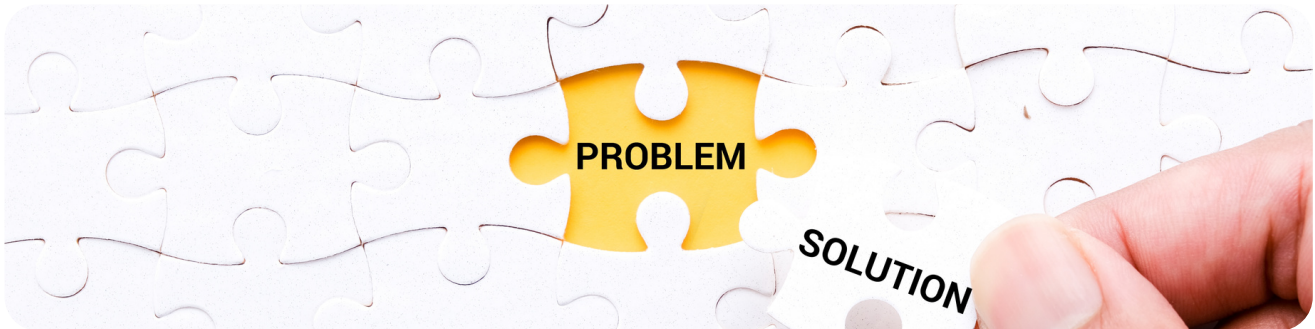
- Oversized fees from DIM misclassification
- Wasted space in improperly packed parcels
- Higher labor cost from slow or manual packing logic
- Carrier fines for missing Hazmat labels
- Poor customer experience from damaged or excessive packaging

Fulfillment ops today are built on tribal knowledge and brittle WMS rulesets. And the costs are adding up.





Solution



The Perseuss Approach

Perseuss is a real-time 3D Cartonization engine that plugs directly into your warehouse tech stack. Our platform runs simulations per order and generates the best Packing + Shipping Plan based on:

- SKU dimensions & weight
- Item-level constraints (hazmat, stackability, fragility)
- Carrier rates & rules
- Box inventory
- Fulfillment SLAs & customer preferences



Key Features

- Dynamic Cartonization: Real-time decisions per order. No static rules.
- Multi-Carrier Optimization: Automatically compares shipping logic across carriers.
- Compliance Logic: Built-in hazmat, EPR, and packaging compliance.
- Gamified UX: Packers see clear, actionable instructions. Fewer mistakes. Higher productivity.





Results

What Our Customers Are Seeing

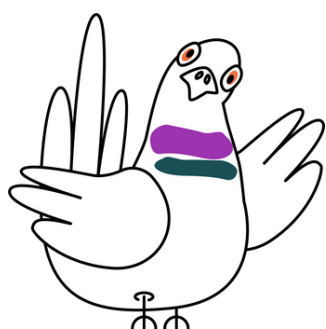
Case studies show Perseuss customers saving 10–20% on shipping costs while improving packer efficiency and reducing compliance risk

In a logistics landscape shaped by labor shortages, high carrier rates, and customer expectations, cartonization isn't just a backend task. It's a cost center. It's a strategic decision point. And it's one of the fastest ways to recover margin in 2025.



Example: Medusa Distribution (B2B)

- Avg. savings: 15.6% per shipment
- Use case: multi-box logic across USPS and FedEx
- Implementation: 20-day integration





Who Is It For



- 3PLs, Distributors and Brands with their own warehouse
- Shipping pallets with LTL / FTL ship methods
- Or doing DTC fulfilment using FedEx, UPS, USPS or DHL

Extra Useful If:



- Large and diverse SKU sets
- Regulated industries (pharma, HAZMAT)
- +20 units / order, +20 lbs / order

Integration:



- Compatible with leading WM platforms (Deposco, SnapFulfil, Packiyo, ShipHero)
- Available via Web UI and APIs
- Compatible with Put-to-Light, Pick-to-Light, Voice-Pick, VR-Pick



The Bottom Line:

Perseuss helps fulfillment operations make better packing and shipping decisions. In real time. At scale. And with ROI that shows up on your shipping invoice.



Learn more: <https://getperseuss.com>

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