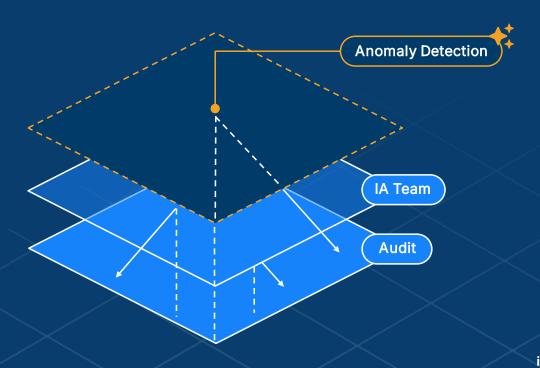
# **An Al-Powered Extra Layer** of Protection When Something Goes Wrong, But the Billing Looks "Right"

Wait—won't a freight audit catch all discrepancies? Yes, but if the billing follows the "rules," a freight audit alone won't flag it. A TMS or carrier might bill it exactly as contracted—yet the circumstances could still be wrong.

That's where Al-Powered Anomaly Detection comes in. It spots deviations from the norm—like a typo turning a 1.00 lb. package into 100 lbs., triggering the wrong service or carrier. Or a TMS glitch assigning the wrong lane. Without that extra layer of protection, you could be unknowingly throwing money away.



# Micro detection. Macro impact.

Think of Al-Powered Anomaly Detection as a microscope for your shipping operations, spotting subtle issues that could escalate if ignored.

Just as banks flag you when something looks "off" before your account is drained or a blood test can reveal the onset of illness, catching problems early is crucial. Why wait until thousands—or even millions—are lost to address an issue?

Whether it's a carrier's mistake, an internal oops, or a tech stack glitch, Al-powered Anomaly Detection catches it early—so you to act fast and avoid costly disruptions.

## Case files

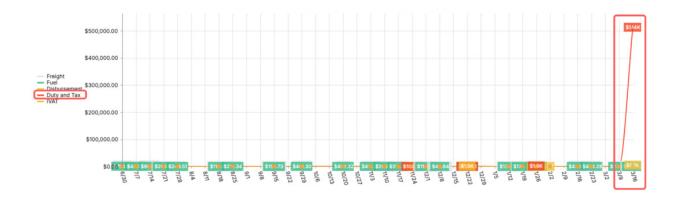


### 01: Customs Duty Misbilling

**Error Type:** Carrier—billing mix-up **Recovered:** \$519,339

Overview: A massive customs duty charge was applied to a 14-piece, ~400 lb. shipment. The root cause: the carrier accidentally billed the client for another customer's freight.

**Detection & Outcome:** Anomaly Detection flagged the unusually high charge immediately. Early escalation enabled the client to initiate a credit discussion with the carrier before disputes or delays emerged.

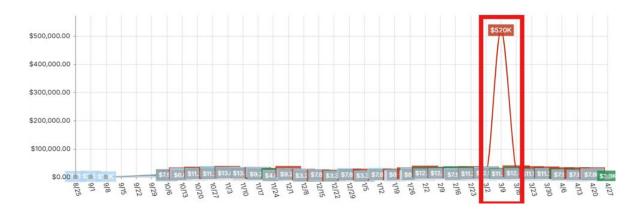


#### 02: Inflated Drayage/Linehaul Charges

**Error Type:** Carrier—invoice entry mistake **Recovered:** \$520,000

**Overview:** A sudden, unprecedented spike in drayage/linehaul charges appeared for a lane that hadn't seen such activity in two years. Investigation revealed the carrier had mistakenly added an extra zero to the invoice.

**Detection & Outcome:** Anomaly Detection flagged the outlier spend, prompting quick validation. Carrier corrected the invoice and added processes to prevent recurrence.



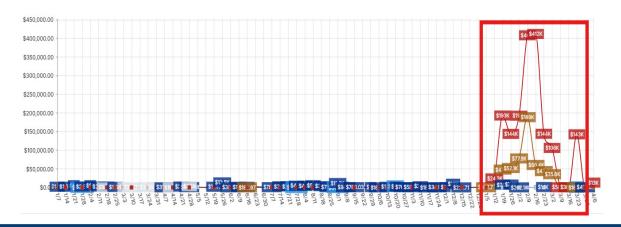
#### 03: Service Selection System Glitch

**Error Type:** Tech—automation failure **Recovered:** \$1.5M

Potential Exposure: \$4.4M/year

**Overview:** A nearly 20x surge in UPS expedited service usage was traced to a change in the service selection system, which overrode normal routing and unintentionally defaulted to costly expedited options.

**Detection & Outcome:** Anomaly Detection caught the spike at its onset. The client identified and corrected the system error, stopping the bleed before it ballooned into multi-million-dollar losses.



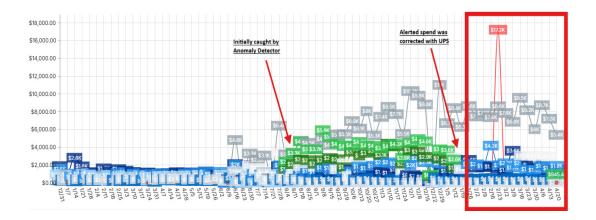
#### 04: Shipping Charge Correction Fee Surge

Error Type: Internal—API update failure Recovered: \$477,000

Potential Exposure: \$1.6M/year

Overview: A significant jump in UPS shipping charge correction fees went unnoticed by internal teams. The underlying cause: invoice adjustments were not properly updated through the API, creating unnecessary audit fees.

**Detection & Outcome:** Anomaly Detection exposed the hidden cost increase, enabling the client to address the API update gap and stop the recurring overcharges.



## The verdict is in.

In the world of shipping, "right" on paper doesn't always mean "right" in reality.

What starts as a single keystroke error, system glitch, or carrier oversight can quietly snowball into hundreds of thousands—or even millions—in unnecessary spend. With an Al-powered extra layer of defense, you can see the invisible, stop small issues before they become big problems, and protect your bottom line without slowing operations.

**Ship Smarter.** 

**GET STARTED**