Verif-Eye - Residential Rear Loader - Object Detection

The first positive service verification solution custom-designed for rear load garbage trucks.

The Challenges

Providing irrefutable documentation when service did or did not occur with a Rear End Loader (REL) has never been possible for waste haulers, causing operators to have to perform go-backs or prove why service was not provided. Rear loaders also pose many challenges in the field as they use little to no automation for collection of waste and "take all" waste routes. Unlike most vehicles, rear loaders operate in tough environments that handle loose, containerized, bulk, and even yard waste. Even when equipped with tippers, and teams have been instructed to only collect containerized waste, many times the operators will still hand-throw the waste, making it difficult to track what truly happened for every stop on a route.

The Solution

A residential rear loader featuring Verif-Eye® allows fleets to KNOW when service occurred - with full photo/video, time stamp, and geolocation documentation. With or without imagery, each event of waste being thrown or dumped into the hopper is captured automatically with no manual action required by the operator.

Verif-Eye's intelligent metrics quickly identify how many objects enter the hopper AND the time spent by the vehicle at each service stop. All critical information to help haulers identify the total cost of collection for each service, while ensuring that customers are satisfied with the service provided! Timestamped, geolocated, and customer-associated, haulers can quickly and efficiently search for service events in the 3rd Eye system. Plus, with realtime data, vehicles can be viewed on-route, allowing fleets to be informed whether a vehicle is on the way to the customer, or if service has already been completed.

Value Overview

- Minimize go-backs
- Capture service completion
- Calculate total cost of collection
- Understand total quantity of collected waste
- Identify operator best practices
- Increase routing efficiency
- Improved sustainability

Perfect For

REFUSE

Learn More or Request a Demo
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