



Passively identify recycling contamination at its source.

Let drivers drive. We'll handle the rest.



Purif-Eye Contamination Detection

Automated recycling contamination detection and documentation for waste collection routes

The Challenges

Identifying and reducing contamination in waste and recycling collection continues to be a major focus in an industry also striving for increased operational efficiency. The contamination focus is no longer limited to traditional recycling. Expanding environmental legislation, like California's SB 1383, has pushed haulers to identify contamination in yard waste, food waste, and in some cases, Municipal Solid Waste (MSW). The financial implications are substantial, with haulers often bearing the brunt of costs associated with rejected loads and fines incurred for non-compliance. The added operational stress caused by implementing audits, expecting drivers to identify contamination, and other manual solutions have historically been just as costly.

Fortunately, the Purif-Eye® module by 3rd Eye® digital offers a promising solution to tackle this complex problem.

The Solution

Purif-Eye by 3rd Eye provides an automated solution for remotely identifying recycling contamination and other non-conforming refuse at the collection point. Using the most reliable automated service verification methods available, Purif-Eye captures visual proof of every contaminated service event. With the specialized 3rd Eye contamination camera mounted strategically in a truck hopper, the contents of each collection are documented and analyzed without any interaction required by the driver. Each instance of contamination is identified and accurately assigned to the non-compliant customer, complete with video evidence. The easy-to-consume data can be accessed and shared using the 3rd Eye interface or through optional integrated services.

Partnering with 3rd Eye allows haulers to quickly understand the extent of contamination on their routes and provides the evidence necessary to educate, warn, and otherwise engage non-compliant customers. Purif-Eye is a comprehensive contamination solution designed to help achieve regulatory compliance and enhance long-term efficiency in the disposal and processing of all collected materials.

Value Overview

- Improve Sustainability
- Optimize Service Quality
- Identify Non-Compliant Customers
- Reduce Driver Interaction
- Fewer Rejected Loads at MRF
- Improve Compliance

Designed For



**3rd Eye complete fleet management solutions.
Let Your Drivers Drive, We'll Handle The Rest.**

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