



ROLLOFF | RECYCLING | FRONT END

powered by **enevo**

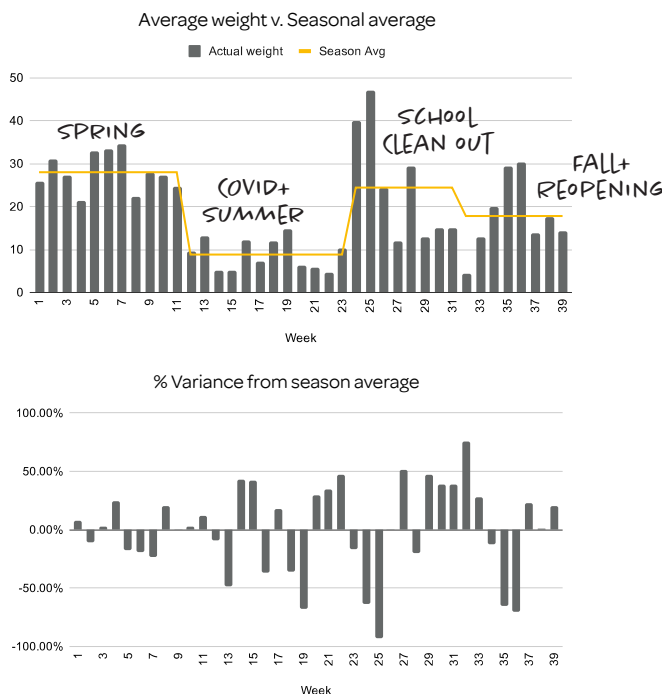
## How our waste technology predicts the unpredictable

Waste has a high variability, forcing haulers to **over-prepare**, **over-service**, and **overspend** to meet radical unpredictability and satisfy customers.

Commercial waste industry norms and business practices are almost exclusively based on **static, fixed weekly schedules**. These business practices dictate contracts, customer expectations, and hauler operations in ways that force haulers to dedicate excess resources. As waste volumes change, haulers become out of sync with actual customer needs.

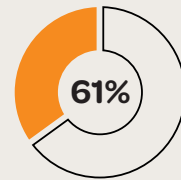
JLT Trucking, a local hauler in Washington, D.C., was operating traditional static collection schedules to meet the needs of their **large public school district customer**. JLT faced high mileage and variable tonnage due to organic seasonality, COVID, and the resulting unpredictable occupancy. Even when averaged by seasonality, there's still an **extreme variability of waste generation**.

"It's an efficiency issue," says Owner Jerome Taylor. "You could be dumping air. The customer is paying for unneeded services or the hauler is running the truck unnecessarily."

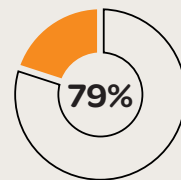


### A local hauler implemented Enevo technology and:

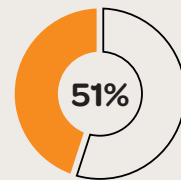
- Increased productivity with the same resources  
*Miles per ton, lifts per ton, collection time, administrative time, renewed cost structure*



**61%** fewer miles driven to collect each ton



**79%** reduction in lifts and time on-site



**51%** increase in average tons per dump

- Increased quality of service
- Reduced environmental impact  
*Less carbon emissions, reduced container overflow*

“Waste can be managed as if we’re in the 21st century.”



Enevo **smart waste technology** creates insight and action plans to adjust to waste fluctuation and maintain a high level of customer satisfaction – all while **decreasing costs and required resources**.

“COVID brought to the forefront the **inconsistent generation of materials**. We can now efficiently adjust to those changes on the spot.”

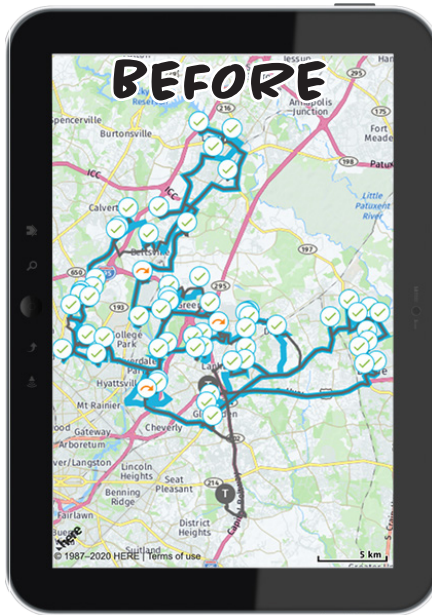
Business Development Consultant  
Marc Shaener



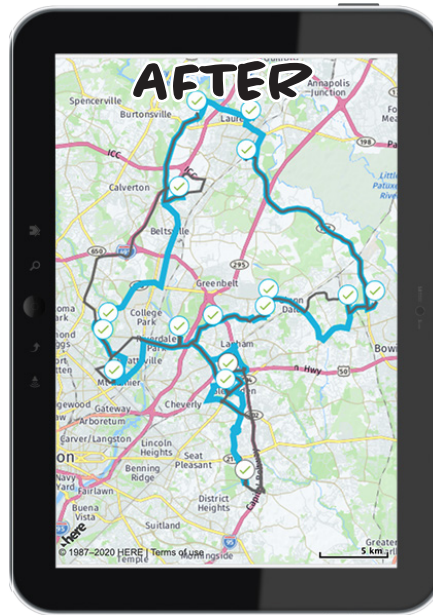
Enevo’s **patented sensor** monitors fill levels and collections on customer containers. Sensor data informs our **advanced analytics software**, creating collection schedules and routes that match actual customer waste behavior. This analytics software **anticipates and predicts waste behavior**, making the unpredictable, predictable.

Resulting schedules and routes are dynamic and generated automatically, **driving the fewest number of miles while avoiding container overflow**. This improves the customer experience: reducing site visits while prioritizing the containers of greatest need, without the restrictions of fixed weekly schedules. This eliminates the need for frequent schedule changes and urgent calls for extra service, flexing with their evolving needs and restrictions of your operation.

**Traditional  
Static  
Collections**



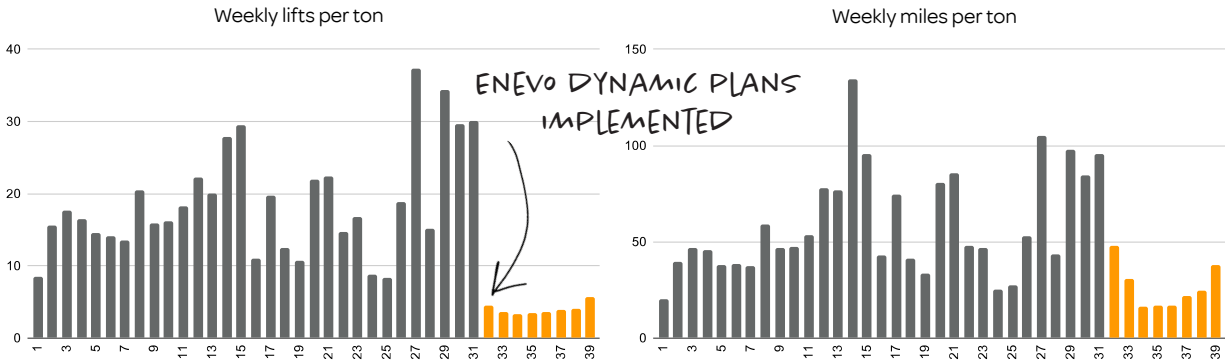
**enevo  
Dynamic  
Collections**



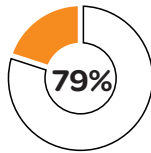
Enevo routes and schedules are **analyzed and generated automatically**, communicated through the Enevo Drive app. These optimized collections require less resources and reduce costs, and running trucks less often decreases carbon emissions. “The technology gives us the ability to track everything,” says Jerome. “We have less paperwork for drivers to deal with and can send customers the information they are looking for... [like] service confirmations.”

JLT Trucking deployed Enevo sensors and began collecting data to optimize practices. Once Enevo routes and schedules were implemented, **JLT saw a drastic reduction in collections, reducing miles driven per ton collected**.

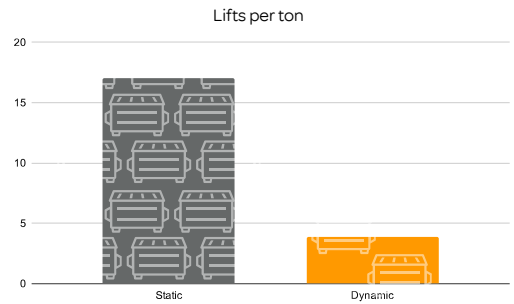
“[Static schedules] lack sophistication in their collections and services offered,” says Jerome. “Now, we get a lot of calls for new services based on competitors not being able to keep up with service schedules.”



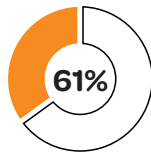
By removing fixed schedule and routes and implementing Enevo’s Smart Plans, JLT was able to achieve a new level of balance. Even as waste increases, miles per ton and lifts per ton remain synchronized with waste generation. This synchronization creates significant efficiencies and ensures the highest quality of service.



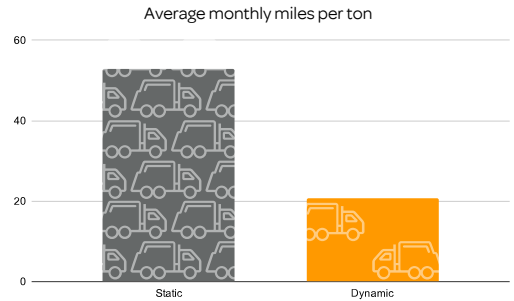
**79% reduction in lifts and time on-site**



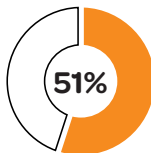
After implementing Enevo tech, **JLT drove 61% fewer miles to collect each ton**, while **reducing lifts and time on site per ton by 79%**.



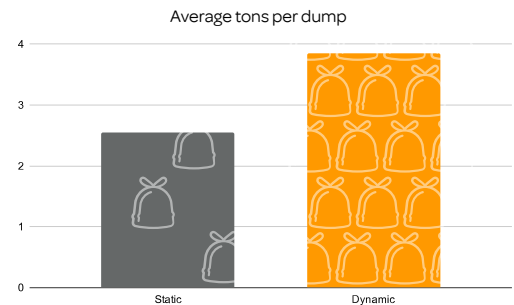
**61% fewer miles driven to collect each ton**



Additionally, JLT created a **51% increase in average tons per dump**, collecting more tonnage every day with fewer resources.



**51% increase in average tons per dump**



*“The major benefit we’ve appreciated has been **data reporting** – pushing a button to get information. We have all the information needed to comply with our contract.”*  
 Business Development Consultant  
 Marc Shaener

Enevo technology allowed JLT to maximize the tools and resources they already had, creating a better customer experience with targeted service. JLT’s operation **reduced costs, environmental impact, and administrative burdens**. Their trucks experience less wear and tear and fewer repairs. Additionally, personnel safety is maximized because they’re not rushed to get to the next site.

Enevo provides real, actionable solutions based on data from real customers, allowing JLT and other haulers to create real change in their business. **“Trash can be managed as if we’re in the 21st century,”** says Marc.