

# Waste Management & Monitoring

[Main Page](#) > [RUT Routers](#) > [RUT240](#) > [RUT240 Usage Scenarios](#) > [RUT240 Success Stories](#) > **Waste Management & Monitoring**

Waste management or waste disposal are all the activities and actions required to manage waste from its inception to its final disposal. This includes amongst other things collection, transport, treatment and disposal of waste together with monitoring and regulation.



## Contents

- [1 Summary](#)
- [2 Customer profile](#)
- [3 Challenge](#)
- [4 Solution](#)
- [5 Attachments](#)
- [6 Benefits](#)
- [7 External links](#)

## Summary

All waste collection vehicles equipped with a Botek system also include a Teltonika [RUT240](#) router for real-time communication between trucks, server and office users. The on-vehicle solution includes digital driving routes, RFID identification of bins and automatic weighing of waste. Each collection is data recorded with additional information such as exceptions and GPS position.

## Customer profile

Botek is a waste management company with 40 years of experience in the industry. Botek develops, manufactures and supplies solutions to plan, monitor and optimize waste collection services within the recycling and waste management industry.

## Challenge

The customer was looking for a reliable solution for real-time communication between their trucks, server, office users and on-vehicle components. Trucks are constantly on the move so they needed high performance cellular communication.

## Solution

RUT240 is a compact, cost-effective and powerful industrial LTE router that delivers high performance for mission-critical cellular communication so it makes perfect sense that it was chosen as the solution!

## Attachments



## Benefits

The system is designed to increase efficiency, generate statistics on waste streams and provides data for invoicing and incentives for increased recycling rates and reduce landfill costs. Boteks solutions help the service providers to achieve a quality controlled collection process which leads to efficient and profitable operations.

## External links

- <https://teltonika-networks.com/product/rut240/>
- <http://www.botek.co.uk/>