



## CASE STUDY INDIA



### • Overview

To make the country more citizen-friendly and sustainable, the Government of India has started an urban development plan; the Smart Cities Mission. 100 participating cities aim to focus on innovative digital technologies to improve the life quality of the residents.

In India, Evreka operates in Jodhpur, Bhopal, Bhubaneswar, Berhampur, and Raipur which are among the largest and most populous cities in the country. The company supports Bhopal, Bhubaneswar, and Raipur in their competition with each other for the Smart Cities Mission.

### • Challenge

- Making data-driven decisions is challenging due to the inability to store and regularly process the data.
- Paperwork is time-consuming and complicated in terms of data storage and interpretation.
- Tracking of the limited assets including collection trucks and waste containers is not possible.
- Tracking of the human resource manually is difficult due to the ghost worker issue in the country.
- Tracking of the service fulfillment is difficult since there is no continuous information flow from the field to the management.
- Scheduling of waste collection operations is complicated due to the waste generation behavior of residents and due to the lack of data from the field.

### • Solution

345 sensors have been installed to the containers in 5 cities. 75 third party fill-level sensors have been integrated to the Evreka software.

Processable storage of all operational data is guaranteed by Evreka software.

Digital report creation at any time and based on need is guaranteed.

Through sensors; the fullness level, temperature, location, and movement of waste containers have been monitored.

End-to-end resource and operation tracking in real-time basis has been provided by Evreka software.

Daily optimized routes have been created by Evreka forecasting algorithm for the most efficient and environmentally friendly waste collection operations.

### Result

With Evreka hardware and software solutions, waste collection operations in these **cities are digitised and digitalised.**

**Data-driven** operational decisions are given since all the past and current data is stored processable.

Limited resources including assets and human resource **are allocated efficiently thanks to the instant tracking of both resources and the field operations.**

**Ecological footprint is reduced** with digitalised reporting and daily optimized routes.



**Evreka** is a hardware enabled SaaS company providing high tech and environment-friendly solution to traditional waste collection systems. The company operates in France, Germany, India, Saudi Arabia, Russia and Turkey.