SmartWaste

Smart e-bin is an automated smart solution to manage collection of waste from waste bins placed in various locations across the city. Waste management and disposal is a major challenge in most cities, posing environmental and health hazards, which affect the quality of living.

Using a mobile app and a web portal, Smart e-bin provides a perfect solution to waste management companies for improving waste collection, simplifying waste management, thereby reducing the operational costs.

What makes Smart e-bin a unique solution for Waste Management

- GPRS enabled bins with inbuilt sensors that send alerts to web application(servers) when full.
- Robust web application to view the bin status and location, vehicle details and location in a map.
- Maps indicate the bin status: Red – full bin, Green – empty bin, which are refreshed in frequent intervals.
- Vehicle App (mobile app) in the driver's handheld device connects the drivers with the web portal monitored in the company.
- Efficient driver allocation process (drivers near bin location) for faster waste clearance from bins.
- Compatible with multiple platforms, allows multi-language selection.

How your city can benefit using Smart e-bin solution

- Role based access to the web application enables multiple users monitor the bins, vehicles and routes for efficient and quick waste collection.
- Reduced operational cost for the waste management companies.
- View all logs and export logs.
- Reports based on company details, usage plans and payments, etc., provide an insight to the areas for improvement.
- Quick waste clearance makes cleaner surroundings, reducing the health hazard risks.
- Improved quality of living, cleaner, eco-friendly cities.

How Smart e-bin Impacts your Business

- Provides real-time data of bins, vehicles, routes for efficient waste collection
- Optimum vehicle utilization enables quicker waste collection and processing.
- Increased productivity, reduced cost of operation.
- Bin utilization and service performance reports provide valuable insights.

About SBL

SBL is an IT and IT Enabled Services organisation that offers smart solutions to organizations across multiple geographies and industry verticals. With our range of customized services and solutions, organizations can respond quickly to changing dynamics, reducing operational costs substantially while accelerating the growth of their businesses.

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