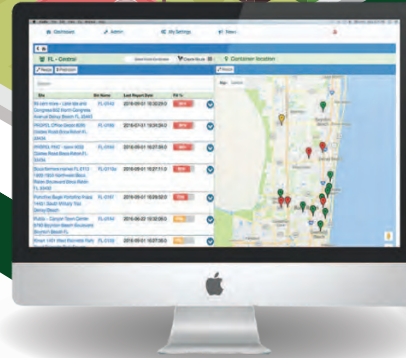# AITS®

Smart*bin*

Smart Waste Management System

86%   54%

Optimised bin monitoring and collection system for smarter cities

Reduce costs by 30-40%. Automatic monitoring of bins provides timely details of when they are full, permitting optimised route planning for collections - reducing collection times and transportation.

Benefits of using the SmartBin system

Reduce both cost and collection times with dynamic routing based on reported fill levels. Automatic monitoring of bins provides timely warnings when they are full, permitting intelligent route planning for collections ensuring no visit is wasted and unsightly overflowing bins are a thing of the past.

Applications

The SmartBin Management System is suitable for a very wide range of applications in which containers are used. Typical applications include:

· Fill level measurement for litter bins including dual public recycle / waste bin
· Fill level detection for commercial waste bins,- portable bins and clinical waste
· Fill level detection for Recycling Banks including Bottles, Textiles, Plastics, Cardboard and Metal
· Empty level detection for fuel containers, products or salt bins
· Full or empty level detection for other solids and liquid containers
· Fill level detection for compacter vessels, skips and large containers