

KIWI GREENTECH

Go Green...Better Life

KIWI GREENTECH SDN BHD

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OPERATION HOUR

MONDAY – FRIDAY

8:30AM – 5:30 PM



**Intelligent
Monitoring
Solutions
Recycling &
General Waste**

smartbin

PRESENTED TO YOU BY :



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Key Benefits

- ❖ **Monitor Fill-levels and Service Events**
- ❖ **Cut Service Costs by up to 50%**
- ❖ **No More Over-filled Containers**
- ❖ **Locate Stolen Containers**
- ❖ **Know Your Profit Before You Go!**

"It's an opportunity to reduce costs ... to operate more sustainably... to keep pursuing a competitive edge"





SmartBin is an innovative and environmentally friendly approach to waste management. A total waste container management solution that is highly intelligent and user friendly, SmartBin guarantees to save your business time, money and improve your companies environmental standing.



SmartBin's Intelligent Monitoring Solutions for Recycling and General Waste Containers integrates **remote, wireless monitoring sensors with web and mobile asset management and route optimisation.** Whether you manage 100 bins or 10,000 bins, SmartBin has a solution that will generate significant cost savings and increase security of your container assets.



Select Features of SmartBin Monitoring Solutions



- ✓ **World's best fit level sensor**
- ✓ **Easy to Install**
- ✓ **Up to 10 years Battery life**
- ✓ **Compatible with most materials**
- ✓ **Proven in many container types**

Highly Robust and Reliable, UBi Sensors utilize advanced ultrasonic measurement and signal processing techniques for unparalleled accuracy, and superior communication algorithms that guarantee a reliable messaging service even under extreme environmental conditions.

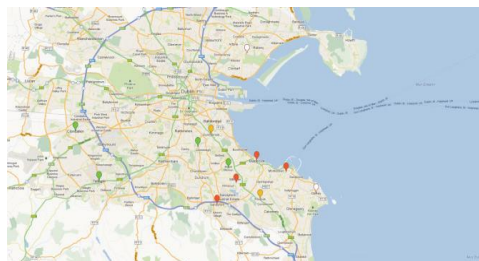


- ✓ **Generate optimal routing (smartruns)**
- ✓ **Only service containers that need servicing**
- ✓ **Know travel time, distance, fuel usage**
- ✓ **View estimated Profit (or Loss) per route**
- ✓ **Assign routes to mobile app users**

The route planning feature allows quick and easy generation of optimal routes, according to your defined criteria. So, in advance of the route execution, you will know the estimated travel time, collection weight, travel distance, carbon emissions and the Profit (or Loss) for that planned route.
Know BEFORE You Go !!



- ✓ **Big screen war-room views**
- ✓ **Real time remote updates & alerts**



- ✓ **24/7 web access**
- ✓ **User friendly portal**
- ✓ **Key metrics & benchmarking**
- ✓ **Alerts management system**

The SmartBin Live web portal provides users with an instant bird's eye view of all assets/bins under management. Administrators and logistics staff can make intelligent decisions about how to deploy their collection fleet. The user interface is intuitive and feature rich.



- ✓ **Access pre-assigned optimal routes**
- ✓ **Route tracking and navigation**
- ✓ **On-site Image capture**
- ✓ **Offers full service traceability**
- ✓ **Allows creation of "Virtual" sensors**

The SmartBin mobile app is intended for use by drivers, collectors and installers. Users can easily access preassigned, **smartruns** ensuring that each and every collection journey is optimal – saving precious fuel and CO2 emissions. Notes and images are automatically uploaded to the SmartBin Live portal.



- ✓ **Allows 3rd party system access to your data**
- ✓ **Suits large installations with existing MIS or ERP**

SmartBin has many years of experience in integrating our solution with third party systems including various Fleet Management solutions and ERP systems (e.g. SAP). In this way, your existing processes can be made even more efficient.

