EYEfi Cloud *Smart Waste*

Smart monitoring and collection systems for smarter cities

Know how your waste network is performing and save on collection costs with EYEfi Smart Waste.
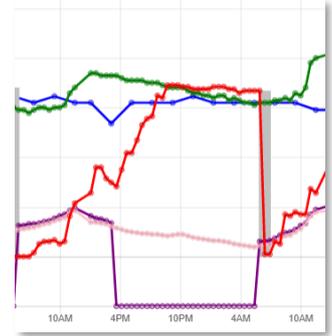
www.eyefi.com.au

Tel: +61 (3) 9417 5777   Email: smartwaste@eyefi.com.au

Applications

EYEfi *Sensor* and EYEfi Cloud *Smart Waste* are suitable for a wide range of applications, such as:

- Fill level measurement for public space waste bins and recycle bins
- Fill level detection for commercial bins, portable bins and clinical waste
- Fill level detection for recycling banks including bottles, textiles, plastics, cardboard and metal
- Fill level detection for water tanks, silos and general product bins
- Full or empty level detection for other solids and liquid containers

EYEfi Cloud

EYEfi *Smart Waste* is a software capability "plugin" within the EYEfi Cloud platform; providing a secure and central place for customers to manage their entire waste bin network.

The platform is provided as a subscription based service that securely manages the devices and provides users with comprehensive information on all waste containers being monitored, such as their type, function, capacity, status, location, battery level, fill level, along with predictive analysis and a history of events.

EYEfi sensors report in to the platform when a user-defined fill level condition is met (e.g. 70% full) and on a regular scheduled basis. Alerts can be sent to users such as when a bin is full, or if it has caught on fire.

The EYEfi Cloud web application allows ease-of-access to users via mobile, Smartphone of Desktop PC.

Benefits of using EYEfi Smart Waste

Know how your waste network is performing and save on collection costs with EYEfi Cloud *Smart Waste*. Automatic monitoring of bins provides collection crews with timely details of when they are approaching full, along with optimal route planning; enabling unsightly overflowing bins to be removed from the network in the most efficient way.

Reduce Costs

- Reduce fuel costs
- Remove poorly utilised bins
- Reduce wear and servicing on collection vehicles
- Combat theft of bins and contents
- Fully utilise your workforce

Monitor and Report

- Monitor bin performance
- Gather evidence for new collection improvement schemes
- Identify trends in bin-use behaviour
- Use statistical insights to drive network efficiencies and asset placement

Operate Efficiently

- Only empty bins that need emptying
- Optimise collection routes
- Avoid ugly overflowing bins
- Increase capacity in high-traffic areas
- Optional API for integration