



*“The only system in the world that integrates all the technologies required to enable effective, real time management of garbage collection contracts.”*

WCTS is an integrated end to end solution that collates real time data for the complete garbage collection process, recording who, when, where and how much garbage was collected.

The information is recorded as the bins are lifted and transmits the data to the web based central management system.

This system enables both the contractor and customer to have real time access to important business information.

### System Features:

- Works with side lift & rear lift trucks
- RFID bin identification
- Video monitoring of bin collection
- GPS vehicle tracking
- On-vehicle data collection
- Wireless internet data transmission to web server
- Web server provides on-line, real time reports to both customer & contractor
- Remote management

WCTS can help local authorities provide an efficient waste management operation.

At present, it is the only system that can provide all the information required to achieve a complete waste management solution with complete tracking and auditing facilities.

### Customer Benefits:

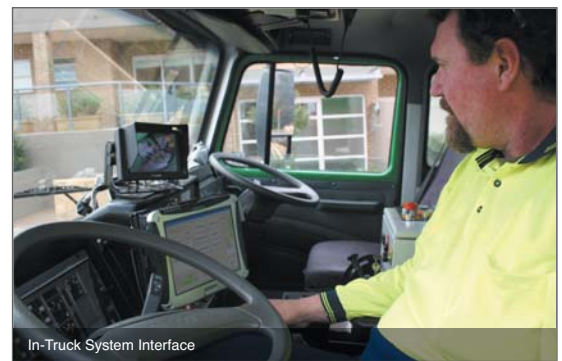
- Accurate data including weight, category, time of service, bin owner.
- Bin collection data - when the bin was collected and where it was collected.
- Records the time the bin was collected and if it was within the time frame allowed for this activity.
- Determine if rubbish collected is in the correct category for the allocated pick up.
- Bin tracking determines if a bin has been moved from its allocated account location.
- Increase accountability and reduce expenses through detailed knowledge of actual waste collected.
- Identify bin contamination with visual information assisting dispute resolution.
- Up-to-date and accurate account information.
- Timely and accurate response to customer enquiries.
- Track vehicle activity and identify foreign waste.

### Contractor Benefits:

- Track vehicle and operator activity reducing instances of foreign bin collection.
- Monitor operator performance including how many lifts per run and total time taken.
- Improve contract management with operational accounting.
- Provide best practice services to exceed the competition improving ability to win new contracts.
- Accurate and up to date reporting including real time, on line services.



Integrated Weighing System



In-Truck System Interface

### System Component Diagram



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This diagram illustrates the core hardware components and how they integrate with the Central Management System. The data is recorded and sent via the internet to the Web Base Reporting System where Administrators can monitor every aspect of the waste management process.