INNOVATRAC™

The Efficient Waste Cart tracking Solution

Waste management has become extremely important over the years for municipalities and companies. **INNOVATRAC™** was developed to reduce waste management cost and our footprint to the environment.

INNOVATRAC™ is **THE** solution for waste cart management and also for customers and users habits tracking.
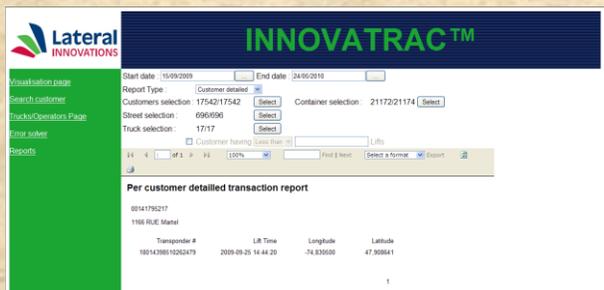

How it works:

Each Waste container is equipped with a RFID (Radio Frequency Identification) transponder that carries a unique serial number. A RFID reader is installed on each waste collection truck. This reader is coupled with an onboard computer, a GPS and a cell phone module. When a waste or recycling cart is emptied by the collection vehicle, the unique serial number into the RFID tag is read along with the geographical coordinates and all this information is transmitted to a central server through the cell phone network. **INNOVATRAC™** server software receives this information and stores it into a database. Then **INNOVATRAC™** can be used to generate reports on:

- Carts emptied
- Carts location
- Recycling habits of the residents and customers
- Truck and driver's efficiency
- Locations where carts were found with no RFID transponder
- Locations where carts were found with an unknown RFID transponder

Turn Key Off the Shelf and Custom Solutions

Among the benefits that provides INNOVATRAC™ solution there are:

- Carts collection history
- Carts inventory with locations constantly up to date
- Provides data to encourage good recycling habits and discourage bad ones
- Charge on a pay per use basis
- Track stolen carts
- Ensure no resident uses more carts than what they are paying for (second cart, bigger cart)
- Make route planning easier
- Truck and driver's work history
- Eliminates collection of bad accounts
- Allows control on contaminants, broken and overfilled carts

INNOVATRAC™ is web based so it can be accessed from anywhere in the word.

Features:

- Reads **LF** and **UHF EPC Global class 1 Gen 2** RFID transponders
- Detects carts with no transponder or non approved ones
- Can be coupled with a video camera
- Interactive
- Web based

List of equipment and software:

- RFID Reader (UHF or LF)
- RFID Antenna
- On Board Computer and software
- Data Management and Report Generator Software
- Driver's interface box (optional)
- Color Video Camera and monitor (optional)
- Cart lifting detector (optional)

Sales Contact:

t. 418-642-1345

Info@lateralinnovations.com

1580 Principal Ave

St-Malachie (QC) Canada G0R 3N0

www.lateralinnovations.com