



Each waste bin or bucket has an RFID tag attached to it. Every garbage truck has an RFID reader attached to it. When the waste bin is lifted and emptied into the truck, the truck reader reads the RFID tag and transmits this data to the wireless handheld in the truck driver's cabin. This data is encrypted and cannot be viewed by the staff. At the end of the route the data is transmitted to the central server, where any supervisor or manager can view it. This data will include garbage bin number, collected at what time & date, who was the garbage collector (assigned to the truck) & so on. This vastly improves the traceability of the trucks and allows the authorities to monitor & improve the productivity of this activity. It makes the entire garbage collection function, very transparent.