

Waste Management Container Weighing

Load Cell

Industry: IoT

Summary

Customer Challenge

A waste management company wants to measure the capacity of their waste containers in order to know when it is time to dispose the waste. A wireless system is also preferred to record the force results.

Interface Solution

Interface's Model WTS 1200 Standard Precision LowProfile™ Wireless Load Cells can be installed at the bottom of each waste container leg to measure the sum weight of the container. The data is transmitted to the WTS-BS-4 USB Industrial Base Station with the supplied Log100 software.

Results

The customer was able to determine when their waste container was at full capacity in order to dispose of the waste, or to transfer it.

Materials

- Four WTS 1200 Standard Precision LowProfile™ Wireless Load Cells
- WTS Toolkit and Log100 Software
- WTS-BS-4 USB Industrial Base Station
- Computer PC or Laptop

How It Works

1. Four WTS 1200 Standard Precision LowProfile™ Wireless Load Cells are installed and mounted to the bottom of the waste container legs.
2. The load cells collect the force measurements and sum the total weight of the waste container. The data is transmitted to the customer's laptop through the WTS-BS-4 USB Industrial Base Station using the Log100 Software. Data can be logged, graphed, and sent to the cloud using the supplied software.

