

## CASE STUDY

### INDUSTRIAL WASTE EQUIPMENT AUTOMATION

**PackTEL**  
packaged  
telemetry



#### Commercial & Industrial Waste Equipment Telemetry

#### Business Challenge:

Automate compactor telemetry, improve H&S & maximise bin filling

#### Products:

AM&T; New Compactor

#### Savings & Benefits:

- Full automation of fill rate, pressure levels & email warnings
- End-client reporting enhanced;
- Health & Safety logs improved through automation
- **15% Enhanced fill weights**
- No over or under fills; fault-free running



#### THE CHALLENGE:

- Large regional waste recycling company had numerous compactors on client sites, with unpredictable fill rates & no data capture
- Automated filling levels, pressure monitoring & reporting system required, including email warning system
- Predict emptying cycles automatically
- User customisable fill level thresholds to maximise fills levels
- Improve health & safety compliance to avoid overfilling hazards

#### THE SOLUTION:

- Packaged Groups PackTEL technology & dashboard deployed on PWS-supplied newly refurbished compactor
- Realtime Online dashboard implemented; Automatic tracking of fill cycles, fill rates & emptying timings; Reduced vehicle movements
- Smooth collections managed since implementation with no over or under fills; Less machine jams and maintenance issues
- First site completed at a Northern University; wider roll-out underway



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