

Success Stories

WASTE MANAGEMENT COMPANY



INDUSTRY

WASTE MANAGEMENT



LOCATION

INDIA



PRODUCT USED

**FOGWING IIOT PLATFORM
ANALYTICS STUDIO
FOGWING EDGE
FOGWING ASSET+**



THE CHALLENGE

Our client was seeking to digitalize the weighing scales to improve the reliability and accuracy of weighing scale data in the pursuit of achieving effective waste management for purposes of recycling and discarding.

The challenges to mitigate were the manual entry of data, issues of inaccuracy with estimating waste categorization, asset performance, dependency on skilled staff always, lack of availability of real-time data, and the absence of credible data sources.

The waste management company vouching for Industry 4.0 to tackle the mentioned challenges was looking for a customized IIoT solution

SOLUTIONS

The implementation process had an IoT-enabled customized solution along with Fogwing IIoT analytics to capture, investigate and visualize real-time data of the weighing scale and to differentiate waste components along with asset performance monitoring. The implementation process followed detailed training sessions to equip operators and management to effectively use the solution. Within two weeks of the implementation process, the company had begun to access real-time data and receive automated alerts that triggered specific actions as required to operate waste management, efficiently. One of the main objectives of Factana is to extend the solution to the distinct phases on waste management as understood to be recycling and discarding.

BENEFITS

- Shift based live reporting – No more guesswork, capture what you see in real-time with minimal human intervention.
- Cost Efficiency – Reduce operating costs with asset performance and health monitoring along with decreased lead time.
- Data Accuracy – With real-time data and reliability of source better decision making is achieved.
- Asset performance monitoring - Achieve real-time asset health and performance data to ensure work efficiency.
- Reduce Asset downtime – With information on Assets, prediction of asset health becomes easy to schedule maintenance and reduce unplanned downtime.