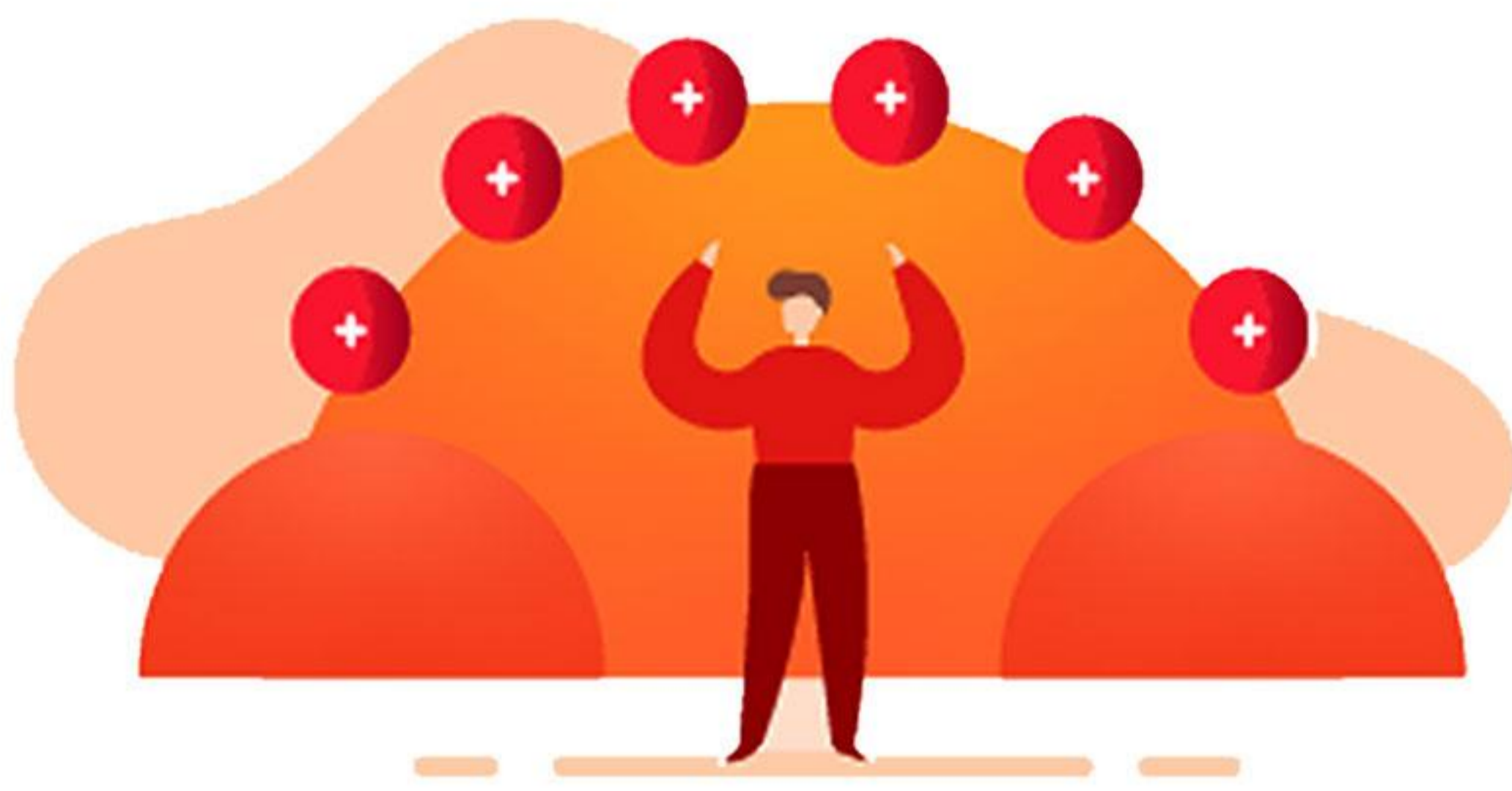


CASE STUDY



1. Company Overview:

WINGS AUTOMOBILE PRODUCTS PVT LTD.
FARIDABAD, HARYANA

- Automobile Components Manufacturing

2. Company Overview:

- Wings Automobile wants to monitor and minimize their Energy Consumption which is costing them to pay the Extra amount in their **Electricity Bills**.
- They want to monitor their **Energy Consumption** separately for their each production line so that they could compare this production with energy consumption.
- They were not able to monitor their **Maximum Demand** which is causing them to pay heavy penalties on Maximum Demand to Electricity Board.
- They were not getting real time alerts of **Voltage, Power Factor, Maximum Demand and Harmonics**, due to which they were facing higher maintenance of their Electrical and Electronics components.

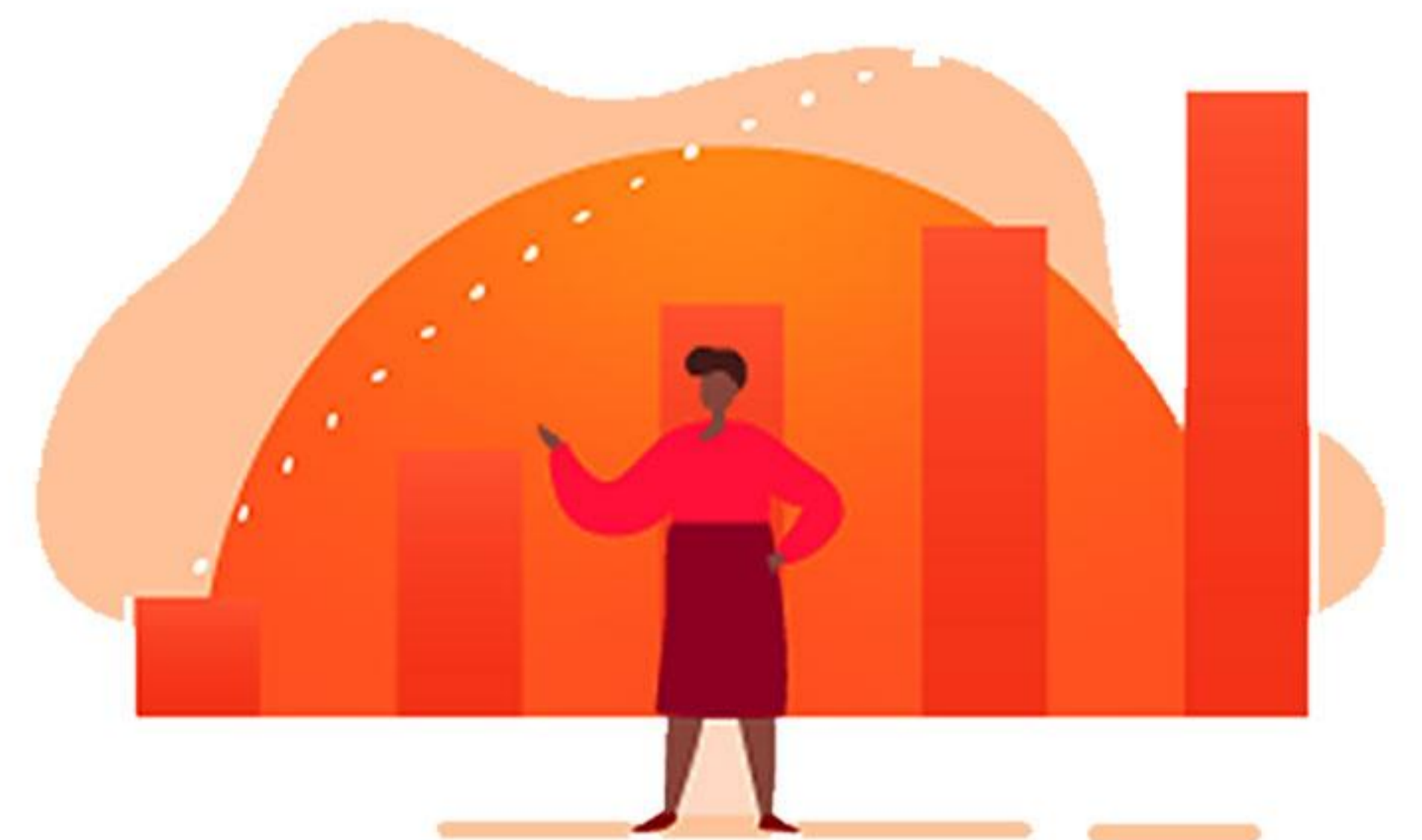


3. Solution:

- To get the real time Energy and Power quality data from all major loads and Main Incomer, **Trinity installed Energy Management Systems having 1 Smart Meters on Main Incomer and 8 Smart Meters on their 8 outgoing.**
- Now we were able to get the real time data from all loads and incomers.

4. Benefits:

- Wings Auto now getting real time data of PF, Voltage, Harmonics, Maximum Demand and Energy from main Incomer and all outgoing.
- After getting real time reports and alerts on Maximum Demand they are able to get rid MD penalties.
- After getting real time reports and alerts on PF they are able to maintain the PF 0.99.
- Now they are getting real time Harmonics data which is helping them to reduce the Maintenance cost of Electronics components.
- After getting Energy Data reports they are able to compare that with their production and finding the cost of energy used per product.



PRESENTED BY:

Mr. Raman Dua, (Manager-Sales)

TRINITY ENERGY SYSTEMS PVT LTD.
Vadodara, Gujarat.

COMPANY PROFILE:

TRINITY IS MANUFACTURER OF DIGITAL PANEL METERS, ENERGY METERS, MULTIFUNCTION METERS, MAXIMUM DEMAND CONTROLLERS, APFC RELAYS, RTPFC PANELS, CTs, AMF RELAY, CAPACITORS, TSMs,