

EcoAxis Case Study: Smart Manufacturing



Business challenge

- Manual data recording for machine downtime, idle time, planned stoppages etc
- All shop floor and machine related analytics and reports were required to be viewed from a single platform
- OEE for discrete machines in the production line
- Potential production analysis

The solution

EcoAxis provided the client with its “Smart Manufacturing Suite” where discrete machines from different production lines were interfaced and data was acquired direct from machines/lines/processes on a real time basis. Analysis and reports were then provided to the client via dashboards giving plant wide visibility to the management.

Benefits

- Customer gets real time insights on factory related critical KPI and can take timely action on deviations
- Factory KPI – cycle time/ production time – year/ month/ day/ shift/ hour
- Production potential analysis
- Single dashboard view on of machine data (production count, idle time, cycle time, ON time, Off time etc. including off-line inputs like reject count, OK count, planned stoppages, Downtime tooling, start-up loss etc
- Ideal v/s actual production