



Customer Success Story

A Leading Automotive & Fasteners Company Maharashtra, India.

*A Leading Automotive Fasteners Manufacturing
Manufacturing plastic & Metal parts*



Main Screen of the Plant

About Leading Automotive & fasteners Group

A Leading Automotive & Fasteners Company is based on Maharashtra, INDIA. We used Genesis64 Software for Designed CARbon Footprint Monitoring System. A leading automotive fastening solutions are designed to respond to the latest automotive-industry trends, from more stringent emission regulations and smart connected, and electric vehicles to the enhanced aesthetics required by many manufacturers' as the market develops.

ICONICS Software Deployed

GENESIS64™ Standard edition is the SCADA solution is offer one of the leading fasteners company for CARbon Footprint Monitoring. GENESIS64, GENESIS64 HH-STD, AlarmWorXMMX-STD, ReportWorX-Lite, MobileHMI and WebHMI are all used in the CARbon Footprint monitoring System application. This is a complete solution deployed on a single node. From GraphWorX64, operators can see a graphical representation of what is happening inside the Production Line. They are able to control the Molding

“GENESIS64 selected for this project due to VMware connectivity, Scalability of the project and Global Dashboards for creating graphics and strong integration with Microsoft products.”

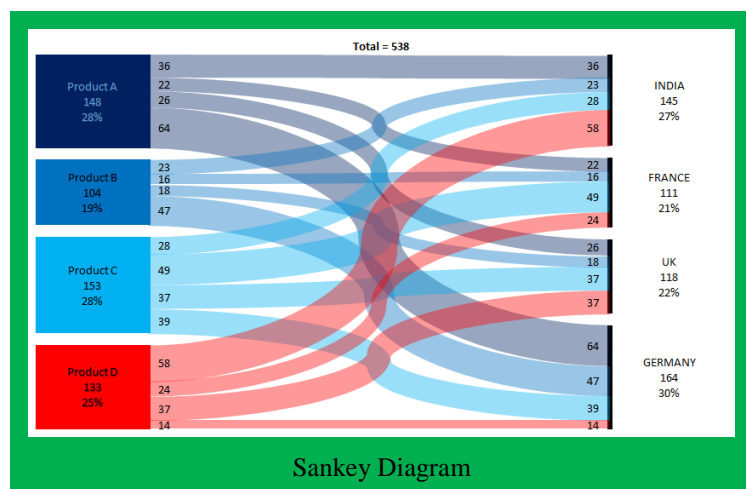
Machines, view the Machine Condition, and see the cARbon Footprint and cARbon saving of the Plant. AlarmWorX64 is used for all alarms needing attention during the Running Plant. The TrendWorX64 component allows operators to view real-time trends of the process at all stages. Data tags can be dragged and dropped into a trending area during runtime for real time trending. GENESIS64 HH-STD is used for logging the high speed data and using that data we can calculate the cARbon Footprint And cARbon Saving by Day, Month and Year. ReportWorX-Lite is used for create the customized Report. MobileHMI is used for visualize and control the plant Condition using the Mobile devices. WebHMI is used for visualize and control the plant using any browsers (like google chrome, internet explorer, etc...).

Project Summary

The cARbon footprint monitoring system is based on GENESIS64, was implemented by the ICONICS INDIA. Project was developed for monitor the data of Moulding machines, UPS system, Compressor, PLCs, Level transmitters, Fire Hydrant, Fire Panel, Energy meters, flow meters, etc...

This project used for monitor the Energy consumption, Energy saving, CARbon footprint, CARbon saving, Machine performance, Machine Downtime Analysis, Machine Running Condition, Energy Analytics, Total energy Consumption, Energy Saving, etc...

Carbon calculations are there for calculate carbon generation and carbon saving from Production line, Water and waste water plant, manufacturing area and overall plant.



Sankey Diagram

In this project, The Customized reports were generated for Machine performance, Machine Downtime, Sankey diagram for energy, CARbon saving of the day month and year, energy consumption and energy saving of the plant.

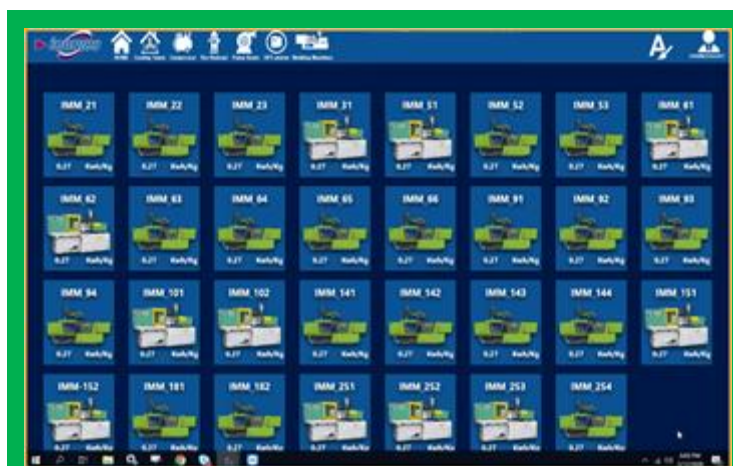
Benefits of the System

The ICONICS solution helped meet company's requirements for cost-effective data visualization, control, and alarming, trending and reporting, cARbon Calculations, Energy Analytics, etc...

Benefit of the system is they easily monitor and control the Energy consumption and Energy waste of the overall plant. Using energy Consumption and energy saving data they identify how much cARbon was saved using cARbon calculations and cARbon footprint.

Conclusion

A leading Automotive & fasteners company is pleased with their new project of cARbon Footprint monitoring system and plans to use ICONICS for further development, addressing cARbon saving And Energy monitoring throughout its other sites.



Overall machine Performance



Individual Moulding Machine Performance

Solutions Highlighted

GENESIS64

Advance HMI/Scada solution

GENESIS64 HH-STD

High speed data logging

AlarmWorXMMX

Advanced alarm management and notification.

ReportWorX: -

For Create customized reporting

WebHMI

Web-Based Real-Time Automation Software

MobileHMI

Mobile Application based Real time Automation Software