



Client Profile

Leading Animal Feed Producer with Nationwide network of manufacturing plants.

Engagement Brief

Design, Installation & Commissioning of end-to-end Automation and Manufacturing Information Solution for three of the largest plants.



Solution Construct

Greenwave was entrusted with the responsibility of providing complete Automation Package for 9 of its plants spread across Punjab, Bihar, Karnataka, MP, UP, Chhattisgarh, Rajasthan, and Odisha. The solution comprised of Rockwell's ControlLogix Platform coupled with premier integration for Intelligent MCCs with PowerFlex Drives, E-300 intelligent relays and integrated RFID based Truck-in Truck out system. All components of the Automation infrastructure including the Batch Controllers are connected on Industrial Ethernet and Device Level Ring Topology. This enables secure access to any component on the network for monitoring and maintenance purpose. The Control Set-up has also been seamlessly integrated with SAP which allows for automatic download of Production Plan and upload of WIP as well Batch Completion data. Green-360 Reporting and Analytics Application has been deployed to cater to all the Reporting and Visibility requirements.

All three plants are covered under Wecare e 24*7 Remote Service Contract which ensures wire-speed support in case of any anomaly detected in the Automation Infrastructure and Associated Applications.

- End to End Automation
- Batch and Recipe' Management
- Traceability
- OEE for Packing Line
- Electronic Batch Report
- Production & Yield Analysis
- Comprehensive Utility Management
- IIoT Ready Infrastructure on Industrial Ethernet
- Plug & Play Replacement of Faulty Components
- High Availability due to Consistent SLA based Remote Support