

Case Study

End-to-End Tracking of Transmission Tower Components Drastically Improves TAT for Indian Construction Giant



Client

The client is India's largest construction organization, ranked among the world's top contractors. It offers Engineering, Procurement, and Construction (EPC) solutions to execute large industrial and infrastructure projects from concept to commissioning on a turnkey basis with single-source responsibility.



Challenges

The client sought a partner who could help it implement the following:

- Synchronizing factory production with field consumption
- View of kitting status, dispatch, storage, and weighment in the manufacturing plant
- Enable storage yard features, including receipt, stock, storage, and reconciliation
- Tower material visibility and any other shortages

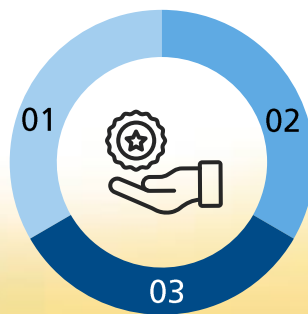
LTIMindtree Solution

Our solution delivered the following features:

- End-to-end stock visibility
- RFID Tag for each bundle
- Put away locations
- Bundle completeness
- Dispatch confirmation
- Site inventory consumption data for production planning
- Scan and receive feature
- Acknowledge completeness
- Report missing parts and wrong deliveries
- Issue material against indents
- Online inventories reconciliation
- Kit fulfillment
- Raise material request
- Confirm receipt
- Reports in case of missing bundles

Business Benefits

15% reduction in costs with 35% improvement in turnaround time for kitting and dispatch operations



Mobile and web interface to keep track of inventory integrated with the ERP platform

Advanced analytics dashboard with enabled alarms and notifications

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