



Case Study

Batching Plant Optimization for Leading Construction Company

Challenges

The client needed a remote monitoring solution, which gathers operational data from concrete batching plants, performs analysis, and derives and showcase insights through a portal, to relevant P&M (Plant & Machinery) stakeholders.

LTIMindtree Solution

LTIMindtree helped the client with -

- Collecting data from the batching plants; integrate with master data from ERP solution (EIP), and present analysis using role-based dashboards.
- Providing support to integrate 140 batching plants, with 80 parameters per batching plant, and 300 concurrent users.
- End-to-end design delivery; development of portals and reports.
- Dashboard creation to monitor resources utilized by an individual plant, distribution of the load during the production, and operational factors in a batching plant.

Business Benefits

- Better decision making on plant allocations.
- Batching plant optimization.
- 10% improvement on utilization of plant and machinery.

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