



CLIENT PROJECT

Colorant Plant ERP for Sample Leads, Raw Material QC and Production

An Indian colorant and plastics manufacturer with a sister flexible-film company

IN SHORT

An Indian colorant maker now follows each buyer from sample request to dispatch, checks every raw material receipt in QC, and sees cost by machine and batch.

THE CHALLENGE

Many buyers asked for a sample before ordering, and those trials were hard to follow up. The two group companies booked orders in very different terms. Later, the plant floor and stores sat outside the system: raw material needed QC before use, and nobody could see output by machine or batch.

WHAT WE BUILT

We first built a web CRM and order portal with sample leads, company-specific sales orders and dispatch notifications. We then added raw material, inventory, production and machine modules. Stores record inward stock, QC verifies it, and production logs raw material, electricity and issues against machines and batches.

AT A GLANCE

INDUSTRY

Manufacturing

SERVICES

ERP development

Web application development

Custom software development

PLATFORMS

Web

Read the full project: <https://itechnosol.com/our-work/colorant-plant-erp-sales-raw-material-production/>

THE RESULT

Sales staff follow a customer from sample request to order to dispatch in one system. Stores and QC work from one record of each receipt. Managers see production machine by machine and batch by batch, with efficiency and cost reports.

BUILT WITH

React, Node.js, Express.js, MongoDB, AngularJS (earlier sales portal), AWS, GitHub Actions, Git

KEY FEATURES**■ Sample leads**

Buyers who want to test first are logged as sample leads with product, trial code and quantity.

■ Dispatch notifications

Dispatch records transporter and LR number, and customers get an email and SMS when the order is complete.

■ Inward and QC verification

The inward team adds stock on receipt, and QC verifies it and records a QC report.

■ Issue tracking

Floor staff raise issues and close them when fixed, with a report of both.

■ Company-specific sales orders

Colorant orders record product code and kilograms; film orders record micron, width, core and box counts.

■ Raw material master with pricing

Each raw material carries its current price, which feeds the cost reports.

■ Machine and batch production

Production logs raw material and electricity use against machines and batches.

■ Dashboards and reports

Production and super admin dashboards, plus efficiency, cost, QC and dispatch reports.

Planning something similar?

Send us a few lines about your project. A founder replies within 4 business hours with an indicative cost and timeline, free and with no obligation.

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