

# About Jolaks

Jolaks is Sierra Leone's biggest Palm Oil refinery company and is based out of Free Town. Jolaks has 300 MT per day physical refinery and dry fractionation plant. They refine CPO – Crude Palm Oil into RBD Palm Olein (commonly known as Vegetable Cooking Oil) and sell under their renowned flagship brand Padi in Sierra Leone and to neighbouring ECOWAS countries .

## Background

Jolaks is a continuous process manufacturing company dealing with complex Bill of Materials (BOM) and a high percentage of imported raw materials with longer lead times. They faced significant challenges in their planning, inventory management, and financial transactions, which affected their overall operational efficiency.

## Challenges

### Planning & Production Forecasting:

Inefficiency due to reliance on Excel for complex planning. Inaccuracies due to complex BOM structure and long lead times for imported raw materials.

### Oil Balancing and Stock Maintenance:

Manual tracking of stock across 24 tanks for 7 different types of oil. Resulting inaccuracies in stock accounting affected planning processes.

### Discrepancies in Oil Shipment and Billing:

Overpayments to suppliers due to discrepancies between received stock and invoiced amounts.

### Order Processing from Inter-Companies:

Orders received through various communication channels (WhatsApp, calls, emails), leading to delays and discrepancies.

### Intercompany Financial Transactions:

Lack of immediate visibility for the finance team on payments scheduled or made by the group company.

### Profitability Analysis:

Time-consuming and inaccurate process for understanding profitability across different business lines.



## Solution Implemented & Benefits:

### Forecasting & Material Planning:

**CREST's Engine:** Defined BOM for semi-finished and finished goods and routing processes.

**Benefits:** Automated planning, reduced manual effort and errors, increased manufacturing efficiency.

### Oil Balancing Module:

**Dip Stick Method:** Accurate calculation of closing balances for each oil stock.

**Integration:** Real-time monitoring of oil movements with existing inventory management systems.

**Benefits:** Reliable and efficient stock level tracking.

### Discrepancy Mgmt in Oil Shipment & Billing:

**Dip Stick Method:** Accurate calculation of closing balances for each oil stock.

**Automation:** Auto-calculated and adjusted discrepancies based on tolerance levels.

**Benefits:** Significant cost savings.

### Order Exchange Functionality:

**CREST's Module:** Automated sales order creation upon inter-group company purchase order initiation.

**Notifications:** Relevant stakeholders notified and provided complete order visibility.

**Benefits:** Reduced delays and discrepancies.



### Intercompany Financial Transactions:

**CREST Automation:** Streamlined supplier invoicing and payment processes.

**Visibility:** Relevant stakeholders notified and provided complete order visibility.

**Benefits:** Reduced delays and discrepancies.

### Profitability Analysis:

**Department-wise Accounting:** Facilitated running of department-wise P&L reports.

**Benefits:** Enhanced management control and quicker decision-making.

## Results

### Efficiency:

Significant manpower savings and error reduction in planning.

### Accuracy:

Improved stock level tracking and financial transaction visibility.

### Cost Savings:

Reduced overpayments and better cost management.

### Visibility:

Complete order and financial process visibility, enhancing operational control.

### Decision Making:

Improved profitability analysis and quicker management decisions.

## Conclusion

The implementation of CREST ERP at Jolaks addressed critical operational challenges, leading to improved efficiency, accuracy, and overall business performance. This case study demonstrates how CREST ERP can transform manufacturing operations by automating and streamlining complex processes.



## About Xmplar

Xmplar offers CREST-ERP - an integrated ERP suite on the cloud - that supports practically every important business process. Founded in 2013, we are a young company, with a young team. Our technical and functional members have a good background in business management systems.

CREST solutions can be deployed on both public and private cloud environments. We have customers in India, the Middle East, Africa, and the USA from the manufacturing and Trading & Distribution domains