

Case Study

Oil Distribution Optimized with Microsoft Dynamics 365 F&O

Streamlining oil distribution processes with integrated financials, supply chain, and real-time data insights.



Industry: Oil Distribution
Location: Ethiopia
Solution Implemented: Microsoft Dynamics 365 Finance & Operations (D365 F&O)



ABOUT CUSTOMER

NOC Ethiopia is a leading oil distribution company in Ethiopia, delivering fuel across the country through a complex logistics and vendor network. To scale operations effectively, NOC required better control over inventory, costing, and compliance across departments and supply chains.

CHALLENGES

NOC Ethiopia faced several operational and financial challenges that hindered efficiency, visibility, and cost control across their fuel distribution business.

- **Fuel Loss/Gain Visibility:** Inability to calculate the exact volume of fuel transported in trucks, leading to untracked losses or gains in transit.
- **Import Cost Allocation Issues:** Lack of a systematic way to allocate charges on import purchase orders, resulting in inaccurate landed cost tracking.
- **Departmental Cost Management:** Difficulty in identifying and allocating departmental costs, leading to unclear financial accountability
- **Manual Operational Workflows:** Regular business processes were handled manually, consuming time and increasing the chance of error
- **Disconnected Systems & Data Silos:** Fragmented systems created information gaps, affecting decision-making and reporting.

SOLUTION IMPLEMENTED

The D365 F&O implementation included specialized features and configurations to streamline operations, automate processes, and improve financial accuracy.

- **DIP Measurement Process:**
Integrated DIP measurement tools to calculate the actual volume of fuel transported in transit, accurately identifying losses or gains.
- **Financial Management & Reporting:**
Provided real-time financial dashboards and detailed transaction reports using D365 Finance & Supply Chain.
- **Cost Allocation & Import Purchase Orders:**
Automated the capture and allocation of landed costs, directly linking them to inventory valuation for precise cost tracking.
- **Enhanced Process Automation:**
Designed and implemented custom workflows to automate regular activities, reducing manual work and operational delays.

BENEFITS TO CUSTOMER

NOC Ethiopia experienced significant operational improvements, better cost control, and enhanced compliance management.

- **Accurate Fuel Volume Tracking:**
Real-time tracking of transported fuel enabled transparent monitoring of transit losses or gains.
- **Improved Cost Accuracy:**
Correct landed costs applied to inventory improved pricing strategies and profit margin analysis.
- **Increased Operational Efficiency:**
Automated processes reduced manual intervention and improved overall productivity.
- **Enhanced Financial Transparency:**
Dashboards and reports provided a detailed view of all financial transactions, improving strategic decision-making.

CUSTOMER TESTIMONIAL



"With D365 F&O, we've gained full control over our fuel distribution, inventory, and financial processes. The integration of real-time data and automated workflows has transformed our operations. Trident's implementation has enhanced both our operational efficiency and compliance."

— IT Head, NOC Ethiopia

TRIDENT INFORMATION SYSTEMS



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