

National Logistics Corporation (NLC)

Si3 provides Total IT Infrastructure and ERP solution to the largest logistics company in Pakistan

The Client

1. National Logistics Corporation (NLC) is the largest logistics public sector organization in Pakistan with a track record of 28 years of transporting millions of tons of essential commodities such as wheat, fertilizer, sugar, edible oil from ports to farthest locations throughout the length and breadth of the country, and beyond to Afghanistan.
2. NLC also has the following subsidiary businesses:
 - Construction & Engineering
 - Ports & Border Terminals
 - Tolling
 - NLC Polymer Works
 - Base Workshop

In the field of Liquid Cargo transportation, it moves over 50 pc of country's crude oil production. It retains the singular experience of transporting relief goods for three million Afghan refugees migrating to Pakistan in 1982 and also maintaining over 1100 vehicles of different Makes and Types.

The strategic direction of NLC is to be able to reposition itself up the value chain; focus on strategic supply chain with port operators, government agencies and other parties; to adopt systems which provide strategic decision making support as well as optimize its current transactional focus role.

The Challenge

- To transform NLC into an efficient organization, offering 'one window operation' convenience for client's multimodal freight requirement.
- To create a fully networked and streamlined IT-enabled environment that reduces manual work effort by eliminating operational redundancies, integrates the critical data components and provides real-time accurate data for proactive decision making.
- Promote the use of Profit and Loss Centers to measure the performance of the various business units, providing management a clear basis for prioritization and allocation of investment and effort.
- To induct Best Practice concepts and ideologies within the NLC work environment by deploying a world class ERP solution.

The Solution

The proposed solution for eNLC takes into consideration NLC's vision, the adoption of Internet technology and other cutting edge technology like RFID in the near future. The solution footprint for eNLC is based on the following four Layers:

1. Deployment of a Cisco Based country-wide Wide Area Network spanning 22 sites
2. Business Process Reengineering across all business lines
3. A phased Oracle Ebusiness Suite Deployment including Oracle Transportation Management.
4. Application Deployment and Information Management Infrastructure
5. Change Management &Integration

The deployment and delivery of the above solution is spearheaded by Si3 and involved the implementation of Oracle Financials to HR/Payroll, Enterprise Asset Maintenance, and Supply Chain Management that includes Transportation Management in the single largest module-wise deployment of Oracle in the public sector in Pakistan.

Business Benefits

A world class ERP system, Oracle E-Business Suite 11i for NLC is an enabler to more effective Supply Chain Management; which is needed to get to the heart of the ROI early in the planning process. The striking results which stand out are:

Lower Trip Costs and Increased Customer Satisfaction

A proactive Fleet Management will deliver a balanced and optimized trip resulting in lower operating costs. This would be possible by effectively managing less-than-truck-load scenarios where more than one customer/shipment will share the vehicle. In future, so by providing a web based order entry and tracking facility to customers, customer satisfaction will increase.

Decrease in Operating expenses and inventory investment

Oracle E-Business Suite, a sophisticated and dynamic back end financial system can track all the expenses against the budgets. It can proactively help accountants and managers about exceptions and trends. The timely comparative information availability certainly helps analysts and manager to control and decrease expenses which directly results into more profits.

In addition to an efficient financial system, effective asset maintenance and inventory control system can help NLC to plan and control the inventory investment better.

Reduce order-to-cash cycle

By utilizing Oracle E-Business NLC can closely monitor and control the customer orders delivery cycle as well as it's own accounts receivable position.

Key Performance Indicators monitoring

Once NLC has the right information available at the right time, the managers can define KPIs for their respective processes, assign responsibilities and monitor performance. This can include processes not only within the organization but processes involving outside entities like suppliers, business partners and customers.