



CASE STUDY

ERP AT KLN ENGINEERING PRODUCTS PVT.LTD

Inode Team

Profile of a KLN Engineering Products Pvt. Ltd

(Leading manufacturer of Industrial and Automotive Filters and Muffler Assemblies Company)

KLN engineering products PVT LTD, f-56, industrial estate, Rajajinagar, Bangalore - 560 010 was established in 1972 and has been involved in the manufacture of industrial and automotive filters and muffler assemblies. Filters, silencers and air cleaners are manufactured in six independent units located in Bangalore and Chennai. The yearly sales are rs.400 million. Currently KLN is in the process of setting up a joint venture with m/s Dimo of Colombo to produce oil and fuel filters in Sri Lanka.

Business Situation

KLN Planned to expand their business by new production unit in Attibele, Bangalore. The existing software which they were using wasn't able to handle the entire operations in the company in the new business scenario. They were not able to handle the inventory (In house & Job work contract) and other business process in the company. Hence they wanted a complete solution which can handle the overall operation and business process of the company and generate accurate operational and management reports. Their main focus was on the Inventory (In house & Job work), Production and Sales-Purchase automation.

The challenge

KLN has a large complex business process which includes in house production and Contract job work, where most of the raw material & semi-finished will be lying In job work contractor location .Tracking of actual material lying, issue, receipt was the major challenge. This has caused administrative difficulties. KLN decided to make these radical changes to their business, in response to increased orders from the market place, and also from the fact that ERP has become a standard solution world-wide Manufacturing industry. KLN produce a range of quality world class Automotive Filters and Muffler Assemblies, and have recognized that they must change in order to compete effectively with their competitors. Accurate information systems and direct communication with suppliers are vital when offering customers a committed promise to deliver.

The solution

Provided overall project management of USQUARE Implementation which included Production planning, Order Processing, Inventory Management, and Quality Planning, Which also include tax system for Indian transactional taxes into a single source of information for all reporting of local & Export sales, Purchase and use tax returns. Worked closely with team leaders to ensure master data was configured in the manner required for usage of the KLN.

Project Goals

- To successfully implement Usquare ERP solution within very short period, which can take care their entire business requirement
- Take care of complete inventory, production & sales process management.
- To generate accurate and informative reports for different levels of users.
- To make ERP user friendly and fool-proof.
- To cater to all the statutory requirements according to the Federal rules.
- To make the solution one point stop for all the business related information.

Pre-Implementation

We did a brief system study at their Rajajinagar office for 2 days to understand and analyse their current system and the problems they are currently facing and also their expectations from the new solution which we are going to implement.

After the system study we organised the business requirements into individual business modules and prepared a system study report which had all the business process requirements proposed by KLN.

The entire solution was divided into following modules to make it simple to understand, implement and operate.

- Masters
- Purchase
- Sales
- Quality
- Production
- Job work
- Inventory
- Reports

KLN was happy with our understanding of the requirements and pre-implementation study. We got green signal from KLN to go-ahead with our project on November. We formed a two member team to handle & implement the entire solution in a matter of 6 months.

Benefits

- Complete automation of entire business process
- User friendly
- Well defined master data structure
- Well defined business process flow
- Avoid data duplication entry
- Control over inventory
- Well organized and informative reporting module
- Interactive zoom-in reports
- Management & analytical reports
- Sales forecasting
- Vendor evaluation
- Increased user efficiency
- Increased solution reliability

ABOUT INODE TECHNOLOGIES

Inode technologies is the leading information technology consulting, business intelligence consultancy, data warehousing services, packaged application services, systems integration services and Indian taxation consultancy services organization that envisioned and pioneered the adoption of the flexible global business practices that today enable companies to operate more efficiently and produce more value delivering technology-driven business solutions that meet the strategic objectives of our clients. We provide end-to-end business solutions that leverage technology. We provide solutions for it, engineering and industrial sectors where business and technology strategies converge. Our approach focuses on new ways of business combining it innovation and adoption while also leveraging an organization's current it assets. We work with large corporations and new generation technology companies - to build new products or services and to implement prudent business and technology strategies in today's dynamic digital environment.

Services

Inode technologies deliver enterprise business solution for SMB

- AMC and call management solution
- Indian taxation product implementation
- Counterfeit drug / product detection
- Business intelligence consulting
- Data warehousing services
- Application development and maintenance
- ERP integration

Clients first

Inode technologies places a high priority on client satisfaction and meeting client requirements, and pays particular attention to the its ability to provide cost effective and professional solutions, deliver efficient services, and utilise streamlined processes for managing its outsource clients.

Our people

Inode technologies technical staff is highly qualified with an average of 10 years relevant experience. This enables Inode Technologies to retain its critical skills and institutional memory for continuous support and understanding of its clients. Inode technologies been nominated for **LEADERS OF TOMORROW** award by Times now.

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