

Liners India, the market leader in centrifugally cast cylinder liners for diesel engines aligns their operation with e•chain.



Need Customer Quote

e•chain **Customer:**



Vijayawada, India

www.linersindia.com

Industry:

Industrial Manufacturing

**CHAIN-SYS
Products / Services:**

e•chain

“**Liners India Limited** is an ISO/TS 16949:2002 certified company established in 1974, in Vijayawada, India.

Produces 80+ models of cylinder liners in Grey and Ductile iron ranging from 50mm to 150mm diameter bore size and length ranging from 150mm-300mm.

Liners India are the suppliers to the manufacturer of heavy, medium and light commercial vehicles, agricultural tractors and diesel engines world wide.”

**Business
Requirements:**

As the leading player in their respective industry, Liners India needed an information systems solution to run their operations that could compliment their already highly efficient, ISO/TS 16949:2002 certified, manufacturing capabilities.

Liners India was looking for a system that had the right fit for a foundry application. The natural choice for such a demanding and highly specialized environment was what led them to e•chain’s hybrid manufacturing solution. This solution allowed Liners India the most appropriate solution for their complex, combination, process/discrete manufacturing environment.

Chain-Sys also worked with Liners India to develop the complete process solution for foundries within the e•chain ERP/SCM suite.

Solution:

A highly cost-effective solution has been provided by e•chain to automate all of Liners India's processes, by deriving the Rout Card Generation, which help to split a single SFO into multiple route cards. This process is not available in other premier ERP solutions and helps Liners to handle the SFO Transactions in detail. Here are the solutions that e•chain was able to provide.

Point of Sales – Direct Sales Order Creation.

Inventory & Procurement – Preparing Purchase Request, Purchase Order, Purchase Receipts, Transit of Materials, Receipts with Quality Inspections, Lot controls (Batch), and Materials updates (with Inventory).

Production – Creation of Shop Floor Orders, Material Issue via Allocations against the created SFO, SFO Intra-work Transaction for outside Processing, Operation-wise Rout Card generations, Inventory Tolling Issue for a particular operation, Tolling Rejections, Tolling Receipts, Inter-work Transaction on a particular operation for SFO Rejection and Scraps and Product Completions with Batch Process.

Shipping – Batch-wise Shipping of the Finished Product to the end customer and automated Invoice Generation from Sales Order.

The following modules were provided to Liners India:

- e-chain Inventory
- e-chain Procurement
- e-chain Point of sale
- e-chain General Ledger
- e-chain Debtors Ledger
- e-chain Creditors Ledger
- e-chain Cash Management
- e-chain Taxes
- e-chain Fixed Assets
- e-chain Bills of material
- e-chain Cost management
- e-chain Shop floor management
- e-chain Supply chain planning
- e-chain Quality

Benefits:

- More Analysis reports, particularly for Rejection Analysis, Production Status, Sub Contract, Melting & Pouring and etc.,
- Rejection analysis Reports which helps to identify the probability of rejections and to find the root cause of rejection by the production management.
- Heat Batch wise Transactions on entire Production Process.
- Heat Batch wise rejection report.
- Sub-Contracting Material Tacking.
- Entire Production details and status with Graphical representation.
- Production Status Report for particular Heat Batch
- Operation wise rejection Reports
- Material Request for internal material transfer with the authorized users Approval.