

Case Study

A chemical & pharmaceutical manufacturer implements EPPS ERP across all its business entities, to gain real time insights into manufacturing operations and inter-company transactions



About the company

The company is one of the leading manufacturers and exporters of a wide assortment of APIs, drug intermediates and organic chemicals like Mebendazole, Meta Bromo Anisole, Meta Anisidine. Established in 2002, the company has four business units.

Business needs

- » From audit perspective, it was necessary to derive a mechanism to define production batch number at the start of the production cycle. As production was spread across days and through multiple processes, tracking and controlling was a tedious task.
- » Batch control & tracking being the primary requirement, it was very important to streamline and control the raw material issue to the production line.
- » As quality is an integral part for manufacturing, it is a mandate to control quality by performing checks after every stage, based on pre-defined quality parameters. If quality testing were compromised at any stage, it would result in sales returns and customer dissatisfaction.
- » The manufacturing operation for some finished goods spread across multiple days, which produces some intermediate re-usable material. This re-usable material could be used into production, subject to its quality properties. Tracking the issuance of such re-usable material posed a challenge.
- » Outsourcing of manufacturing operations across business units and tracking stock across units was a challenge.
- » A defined workflow with proper approvals was necessary to control transaction processing. Long wait time for approvals delayed the dependent activities.

HEADQUARTERS

Gujarat

INDUSTRY

Specialty Chemicals, Pharmaceutical RM

EPPS MODULES IMPLEMENTED



Production & Quality Management System



Sales & Distribution Management System



Material Management System



Business Policy Management System



Finance & Accounting Management System

Key Business Benefits

- » Users were able to define and track batch numbers of the finished goods right at the start of the production cycle. Same batch number was referenced across the entire production cycle till the production of the finished goods.
- » Users were able to identify the batches expiring soon. Ready information facilitated the user to control the issue of such expiring products first. Also, the user was able to track the input batches used for production of the finished goods.
- » The implementation not only facilitated the quality inspection in the manufacturing process, but also spread across the overall operations right from procurement to dispatch. System facilitated to define the quality parameters based on which the inspection team was able to inspect and record the reading. If required, the in-progress goods were moved back to re-work/ re-processing to meet the quality requirements. As quality was an integral part, the system built the confidence by providing a platform for quality testing and delivering quality tested products.
- » On reporting of the WIP/Finished product, the user was able to test the properties of the re-usable material and the certified material was again issued to the next production process. The cycle was iterated till the re-usable material is declared as non-usable. The inspection process not only controlled the issue of fresh/new material, but also facilitated in controlling the excess procurement of such re-usable materials.
- » Because of ERP implementation across all 4 business units, the business team was able to issue, track and receive the material without additional data capturing or administrative activities. As all the 4 business units were on a common platform, the management was able to get better insights, minimizing information dependency, and eliminating repetitive activities of data consolidation and reconciliation.
- » Mobile app facilitated the management to view the transactions awaiting their approvals and enabled them to approve the transactions, while on the move.

