



CASE STUDY

Propelling Supply Chain Efficiencies at a large discrete manufacturer through E-Kanban Implementation

The Idea: Executive Summary

Optimize efficiency and cost effectiveness of materials and their movement by designing and implementing a lean production strategy.

About the client

The client is a world leader and manufacturer of energy efficient electric motor solutions with a wide range of customers including manufacturers, residential and commercial end users, as well as a broad network of distributors that serve numerous industries.

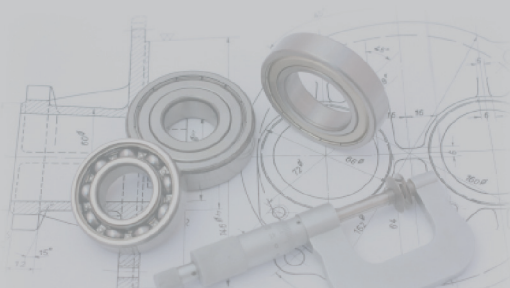
Business context

The client was facing challenges due to disconnected supply chain processes, low visibility and duplication of efforts across multiple plants and divisions. Due to lack of ERP integration, manual efforts were required to create purchase orders (PO) and receipts, resulting in inefficiencies

and time consuming processes. Therefore, it was imperative for the client to find a solution that could be integrated with the backend ERP to increase efficiencies, data integrity and a composite supply chain.

Wipro's solution

A single, user-friendly E-kanban system based on Oracle was created for all the plants. This system adhered to lean principles and enabled the client to monitor inventory levels and establish triggers to replenish inventory with automated PO/requisitions when a predefined minimum for each item was reached. A key feature of the system was the support of bar code receipts and consumption.





The E-Kanban system further enabled automatic updates of the Kanban cards based on receipts, resulting in an automated signaling system for the movement of materials within the manufacturing plants or from suppliers to the plants.

Benefits

The client was able improve efficiencies in its Supply Chain due to

- Automation of supply system resulting in reduced manual efforts
- Minimal amount of inventory at any given time at any plant or division across locations
- Integration of E-Kanban with backend ERP resulting in improved data integrity
- Greater visibility and streamlined processes because of a single visual point and a flexible E-Kanban system for all suppliers and manufacturing operations

For further information, please contact: Wipro Technologies
Visit us at www.wipro.com
Copyright © 2010 Wipro Technologies
All rights reserved.
All trademarks mentioned herein belong to their respective owners.

