

Case study : Manufacturing ERP



SODTECH
Solutions on Demand

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iDempiere
Open Source ERP System

Manufacturing ERP

Delivering flexibility, Managing complexity & providing optimal service

"ADempiere allows us to build an interface which is custom made for the work done by the employee. It helps them to stay focused in the tasks allocated to them. The employee is not distracted by the other functionalities in the system."

*Balkishan Chandak,
CFO, ARAMARK*

Client Profile

Spark Meditech Pvt. Ltd. is a leading manufacturer and exporter of extensive high quality medical and surgical equipment for global business. They offer wide range of surgical equipments like electrosurgical diathermy unit, surgical coagulator, surgical suction pump, suction irrigation pump, surgical diathermies etc., and their customer base is widely among private hospitals and individual doctors. Over the years, the Spark Meditech has grown and they are now currently exporting to different parts of the world

Business Challenge

Obstacles beleaguered Spark Meditech Pvt. Ltd. using their current inventory and manufacturing system and they identified the need to replace their current system. Major crisis faced by Spark Meditech were inefficiency in operations, lack of visibility into systems / processes and account-ability of its employees

Thus far, another challenge was constantly changing customer requirements and responding quickly to the ever-changing demands facing the organization, where customers range from hospitals to individual doctors. The parts initially selected to manufacture, changes before delivering the completed order. The order may need to be expedited/prioritized based on the customer. Otherwise, orders are cancelled or quantity is changed. Therefore, one of the biggest challenges for Spark Meditech Pvt. Ltd. was to plan for parts (and sub-assemblies) inventory in a way that lets the company meet changes in the customer requirements while still reducing lead times.

The existing system lacked manual control mechanisms for wastage/pilferage of the inventory, planning and forecasting tools, and accurate costing procedure. Spark Meditech Pvt. Ltd. worked with SODTECH to define a solution that would meet both the immediate requirement for having a centralized system and spread benefits of iDempiere across the business.

The Solution

SODTECH has been a long-term iDempiere implementer, deploying global ERP applications in complex multinationals. iDempiere ERP is an open source solution, not tied by any licensing cost for functional changes or version upgrades. The iDempiere ERP solutions implemented by SODTECH, comprises of a full range of Procurement, Materials, Manufacturing, Sales, Service & HR management, all fully integrated to provide a comprehensive business management system

SODTECH iDempiere ERP provides unique capabilities to improve predictability (ensuring that the right parts are planned ahead of the actual demand) and to reduce delays in communicating real-time changes to the entire supply chain. We helped Spark Meditech with collaborative solutions that are apt for sharing manufacturing process across departments, to achieve compliance requirements, reduce cost in production and faster time to market their products.

iDempiere ERP is capable of handling all business processes like Customer Quotations, Sales Orders, Material Planning, Purchase Orders, Inventory Control, Manufacturing, Shipment, Service Requests, and updating all related Financial Ledgers. It achieves profitability by manufacturing controls such as MRP (Material Requirement Planning), MPS (Master Production Scheduling) and forecasts. Our tailored ERP technology made business more agile and receptive to change. The system has implemented unique search tools and mobile delivery to make better decisions using corporate knowledge. The ERP Email notifications keep the client updated with important information through mail, and alerts users of critical conditions, so they could make crucial business decisions.

The Benefits

SODTECH has successfully implemented a complete scalable business solution for Spark Meditech Pvt. Ltd. which includes Procurement, Material Management, Manufacturing, Sales, Service Management & HR management. All elements of the system integrate to provide end-to-end management control of the production process.

Spark Meditech could generate vigilant executive level reports from ERP modules. The Procurement Module of SODTECH's iDempiere ERP system, streamlined procurement through Requisition work-sheets with accurate forecasting and lead-time calculation, identifying best-match suppliers, awarding purchase order to the supplier, automated data processing for goods receipt, additional cost invoicing and updation of all financial ledgers. Item substitution and drop shipment options were the value addition highlights for Spark Meditech Pvt. Ltd.

Procurement module is tightly integrated with the Inventory Control Module, which facilitated sustain-ment of appropriate level of stock in a warehouse. The activities of Inventory Control also include identifying inventory requirements, setting targets, providing replenishment techniques and options, managing products, monitoring item usages, nventory counting & reconciliation, recording internal usage of inventory and managing physical inventory.

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SODTECH offered Spark Meditech an online storefront as part of the Sales Module, and ERP system linked with their e-commerce website. Sales module executed functions like quotation preparation, order placement, order management, shipping and invoicing.

ERP human resource module, automated processes surrounding Human Resource Management like Time & Attendance Management, Employee Exit Management, Leave Management, Performance Appraisal Management, Employee Self Service Management, Ticket Management, Training Management and Pay roll Management.

ERP service management module supports for the efficient planning of service activities and the efficient allocation of organization resources for service deliverance. ERP system recorded and rendered timely support to customers after sales. It scheduled on-site and depot service, defined product warranties and handled service contracts.

Finance Management Module, the core of SODTECH iDempiere ERP software, is integrated with all other modules and all the transactions automatically update the corresponding financial ledgers in Chart of account. Spark Meditech could generate valuable financial reports product wise, category wise, period wise, sales region wise, Business Partner wise etc.

With the help of iDempiere ERP Work flow feature, Spark Meditech Pvt. Ltd. was able to set approval processes for activities, documents and document values. Email Notification for approval process resulted in immediate decision making, thereby increasing the business.

Solution Summary

Inventory optimization

Providing single unified data source

Improved business agility

Gain higher ROI faster

Increased costeffectiveness and responsiveness


Better decisions using corporate knowledge

Enhanced customer service

The logo for SODTECH, featuring the word "SODTECH" in a bold, blue, sans-serif font. The letters are closely spaced and have a slight shadow effect. The background of the page is white with a large, diagonal, light blue and grey abstract shape that resembles a stylized 'S' or a series of overlapping planes.

Solutions on Demand

www.sodtechnologies.com

A large, stylized, light blue and grey 'S' logo that spans across the bottom left corner of the page, partially overlapping the address text.

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