

Case study

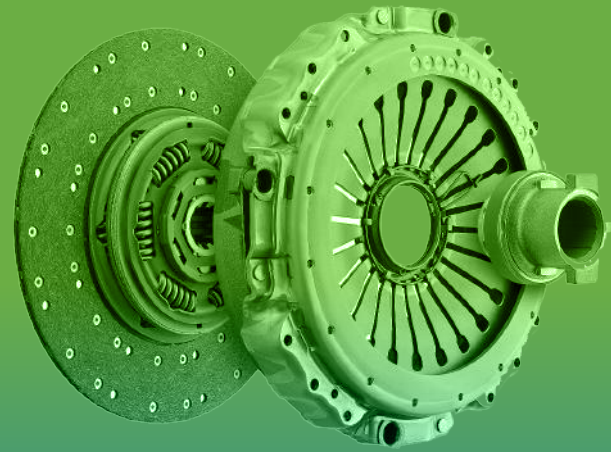
About the client

The client is a leading auto parts manufacturer with over 18 years of expertise in the automotive industry. Specializing in sheet metal components and assemblies, the company offers a wide range of over 1000 products. A firm believer in quality, the organization has a sophisticated tool room with the latest CAD / CAM facilities and has received the ISO/TS 19649: 2002 certification by TUV (Rh), Germany. With 12 manufacturing plants across 5 countries, the company's primary exports are to Saudi Arabia, Dubai, Singapore. Owing to its superior design and engineering capabilities, the company supplies to leading OEM's like Tata Motors, Mahindra & Mahindra, General Motors, Volkswagen, Ashok Leyland Nissan, Bharat Benz (Daimler India) and Ford.

Business case

The client was facing operational efficiency issues which were negatively impacting the bottom line. Some of the pain points were:

- Managing a high working capital
- Lack of standardized execution processes
- Cumbersome reporting due to Excel based inputs and manual tools
- Spiraling inventory handling costs due to complex tracking of stock movement
- Time consuming repetitive processes across locations



Leading Auto Ancillary Company Implements Microsoft Dynamics AX

Highlights

Industry: Discrete Manufacturing

Employees: 3000+

Annual Revenue: INR 6800 MN

Project Location: India

Engagement Since: 2009

Solution Snapshot:

- Roll Out to 9 Locations for 2 Legal Entities
- 77 Concurrent Users
- Tool Life Monitoring
- Centralized Procurement
- Subcontracting Support
- Quotation Accuracy
- Heat Number Tracking

Environment:

- Operating System - Windows 2008
- Database - MS SQL Server 2008

Modules:

- Finance
- Warehouse
- Sales
- Procurement
- Inventory
- Service
- Quality
- Projects

Business solution

In order to achieve maximum productivity, the client decided to go in for a 'One System' approach for integrating all of its business operations. Microsoft Dynamics AX was identified as the best technology to meet all of the client's needs. Godrej Infotech Limited (GITL) was selected as the preferred partner for this project due to its deep domain expertise of manufacturing processes combined with technical knowledge of ERP products. GITL's credentials with respect to dependability and quality of deliverables, and its strong strategic partnership with Microsoft were some of the key factors that led to this selection. A pilot implementation was successfully executed at one plant after which it was rolled out to other locations.

The key features implemented in the new system were:

- **Inventory:**
 - Real Time Integration with Third Party Inventory Systems
 - Sales Invoice Triggers for Warehouse Transfers
- **Procurement:**
 - Centralized Raw Material Purchase and Distribution to Branch Locations
 - Limit Based Approval Hierarchy and Workflow for Purchase Requisitions
- **Tool Management:**
 - Equipment Work Load Allocation and Monitoring
 - Recording of Calibration Dates and Down Time with Reason Code
- **Item Identification:**
 - Batch and Serial Number Identification with Heat Numbers
 - Dimension and Weight based Units with Automatic Unit Conversion
- **Tool Management:**
 - Equipment Work Load Allocation and Monitoring
 - Recording of Calibration Dates and Down Time with Reason Code
- **Subcontracting:**
 - Simplified Excise Calculations with India Localization and support for Challan 57F4

Benefits

The client experienced the following benefits by deploying the AX solution:

- Time, Effort and Cost Reductions due to elimination of Multiple Add-On Solutions
- Increased Accuracy in Quotation and Order Processes
- Efficient Scrap Management due to Production Materials Tracking
- 20% Reduction in Tool Repair Costs due to the Tool Life Monitoring System
- 15% Reduction in Report Generation Time due to easy availability of consolidated data
- 15% Reduction in Lost Inventory due to detailed item and component tracking

Contact us



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About Godrej Infotech Ltd.

Godrej Infotech Limited, part of the \$4.1 Bn. Godrej group is one of the leading IT service provider specializing in End-to-End IT solutions and services. Strategic partnership with industry leaders like Microsoft, Infor, LS Retail, and Oracle have played an instrumental role in making the organization a mature IT partner that understands the value of business process automation. Our service offerings include Business Consulting, ERP Implementation & Support, Application Development, Integration, Digital transformation, Analytical services, Mobile Application Development, Infrastructure Management, and e-Commerce. We have domain and technology expertise in the manufacturing, retail, trading, distribution, logistics, hospitality, project, and service industries. A CMM Level 4 and ISO 9001:2015 certified company, GITL's service offerings follow proprietary methodologies derived from product best practices and experience in similar implementations. Headquartered in Mumbai, India we have presence in Middle East, APAC, Europe and US with customer footprints extending across multiple geographies.

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