

# Production & Manufacturing Reporting System built using Microsoft Dynamics GP

## Objective

Our client wanted to streamline their production planning process with the sales order process to manufacture goods on time and achieve profitability. The client also required a fully automated production reporting system with the primary aim to replace the current manual Excel-based reporting used for daily production goal planning. The system was also used to track and measure production, recovery process against the set goal ensuring an optimum utilization of production capability and resources. The reporting dashboard solution needed to be intuitive, responsive in nature and be accessible seamlessly from the web.

## Challenges

- Getting requisites data from Dynamics GP without configuring the web services end-points
- Replicating a similar Excel reporting output and easy-to-use data entry user experience considering the target end-users
- Calculating the inventory & actual production volume at any specific period precisely in an in-direct way without implementing the full-fledge inventory related features

## Approach

FIBC manufacturers receive the majority of orders from its field sales officers, which usually have very short delivery deadlines. Rishabh Software's team used custom .NET development for developing a ASP.NET MVC manufacturing reporting system along with integration to existing Microsoft Dynamics GP 2010 database. The development focus was emphasized on streamlining the complete production & recovery lifecycle starting from item collection from customer locations to final product recovery. The team initially streamlined the manual data entry process by building an equivalent data entry interfaces to input the daily item collections, product recovery, daily production work orders and daily production goal information.

To minimize the duplicate data entry between Dynamics GP and the reporting system, Rishabh proposed to retrieve all key records directly from Dynamics GP database. As a final release, custom reporting engine component was built to generate varied production performance at real-time based on key KPI and metrics with provision to export report data into Excel, PDF and share via email.

## Business Benefits

- Visual presentation of performance measures
- Ability to take informed decisions based on collected business intelligence
- Align strategies and organizational goals
- Gain total visibility of all systems instantly

## Industry Segment

Manufacturing

## Customer Profile

US based Flexible Intermediate Bulk Container (FIBC) manufacturer, operating globally

## Technology and Tools

- Dynamics GP
- ASP.NET MVC 5
- C#
- MS SQL Server
- HTML5/CSS3
- Twitter Bootstrap UI



## About Rishabh Software

Rishabh Software is a CMMI 3, ISO9001, ISO 27001, Microsoft Gold Partner & Oracle Gold Partner providing application development services & solutions to mid-sized enterprises globally through our offices in the US, UK and India. We leverage the latest technology stacks in Cloud, Mobile, Business Intelligence and other Enterprise technologies helping clients to get the best value of their IT budget. With our team of 250+ application developers, we have implemented 1000+ successful projects across 24 countries. We work on .NET, Java, PHP, iOS, Android, Oracle, IBM and Open Source technologies.



www.rishabhsoft.com

sales@rishabhsoft.com

US: +1 877 747 4224

UK: +44 207 993 8162