# DEVELOPMENT OF DASHBOARDS USING BUSINESS INTELLIGENCE PLATFORM

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### BACKGROUND

Bombardier requires efficient internal processes to manage its global operations. The Maintenance Engineering Department has implemented a business intelligence solution using MicroStrategy to help manage the vast quantities of data that they collect and analyze.



Figure: Data Analysis using a Business Intelligence Platform

## PROJECT DESCRIPTION & OBJECTIVES

#### **Development of Dashboards for Various Platforms**

Web-based dashboards that are used to monitor the reliability performance of the fleets were optimized and deployed to mobile devices. These reliability performance dashboards were made accessible on various platforms.

#### Developing a Business Intelligence Tool to Generate Reports

A business intelligence tool was built using MicroStrategy to generate reports that contain fleet reliability data. These reports are distributed to customers monthly.

## **IMPACT**

The reliability data displayed on the dashboards are now accessible both on PC, and on-the-go on tablets and phones.

The business intelligence tool generates reports with up-to-date data; replacing a time consuming Excel-based tool that required approximately 8 hours to run the queries.

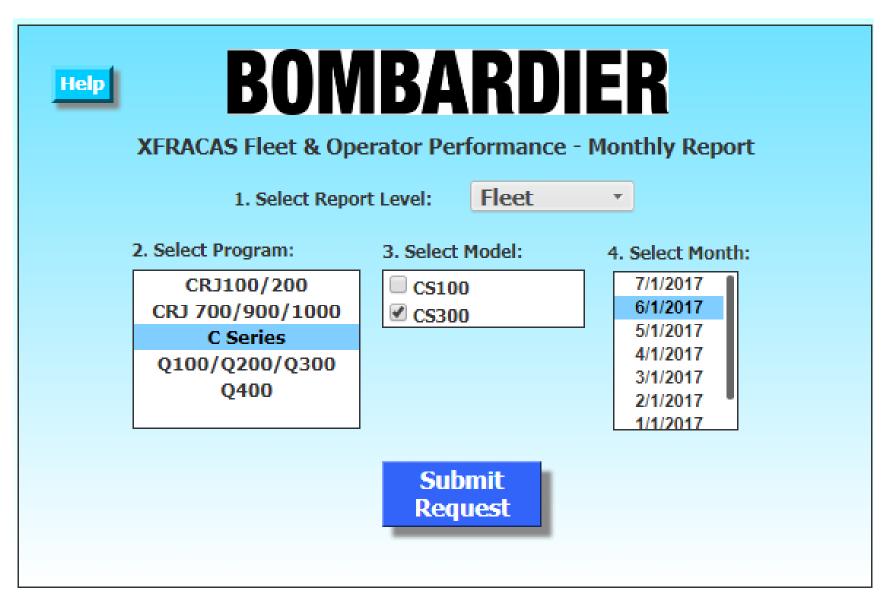


Figure: Portal allows user to select the type of report to generate



