

## Overview

A large American multinational automaker that sells automobiles, commercial vehicles, and luxury vehicles required a comprehensive solution to optimally process data and enable integration across diverse geographical locations and services.

## Integrating diverse services for operational efficiency

### Business Challenges

- Inefficient data processing from disparate systems in multiple formats
- Lack of integration with various partner web services and secure File Transfer Protocol (FTP) servers
- Interface development for more than 50 different business entities within a short duration to manage data loads for their ongoing IBM WebSphere Commerce implementation
- Operational inefficiencies due to inadequate data cleansing and migration, data synchronization and connectivity, complex transformations and processing of files in different formats (fixed length, delimited files, XMLs and JSONs)

### Our Approach

Royal Cyber's Cast Iron team worked with the client to:

- Collaborate with the architects from the client's side to design interfaces to integrate commerce solution with third party applications
- Create a single unified monitoring solution for multiple environments (IBM Cast Iron Web Management Console)
- Create the architecture for a robust and advanced logging framework for the APIs
- Enable multiple security and encryption capabilities (connection to resource server endpoints)

### Results

- First sprint development completed with a small team of developers in different geographical locations within 30 days
- Achieved cost savings of 40%
- Cast Iron training provided to the client's developers and architects
- Disparate commerce services in the US and other regions around the globe integrated to enable a single endpoint to the consumer applications