



# A LEADING RAIL INDUSTRY EXPERT ORGANIZATION REQUIRE WEB SERVICES FOR MANAGING TRAIN COMMUNICATIONS DATA

## NEED:

It is required by many train services and national carriers to know the health of the carriers or vehicles which are traveling for long distances. It becomes more important if the travel is across states or towns and human safety is involved. Any delay or disruption during the journey can cause a loss of time for hundreds of people and compromise their safety. Ismile Technologies came up with an application that could solve all such problems.

## SOLUTION:

Ismile Technologies architected and developed a web application that showed a live map view of the status of the locomotive. While hovering on it in the map, it showed all health information of the locomotive, including the distance that the locomotive with the remaining fuel could cover. The application had other brilliant features that helped display the impact of disasters caused by the locomotive and features to display the intensity of the impact.

We developed applications that can capture vital data from the train carriers and help in monitoring the journey. The application capture data regarding the carrier's health and alert the relevant authorities of the same.

## OUTCOME:

In case of any accident or damage, the webservice correctly estimate the impact of the damage through analysis of various features of the train service. Also, the webservice enhances the communication between the locomotive and the control room.

*The project was done for the Major Rail industry experts that offer products and services that save lives and provide efficient and reliable transportation of people and goods around the globe.*

## CONTACT

+1 (732) 347-6245

[service@iSmileTechnologies.com](mailto:service@iSmileTechnologies.com)

<https://www.linkedin.com/company/ismiletechnologies/>

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