



Fuel Efficiency

A REAL-TIME ANALYTICS SOLUTION TO IMPROVE DRIVERS' PERFORMANCE AND INCREASE FUEL EFFICIENCY

Any company with a fleet of vehicles must take fuel efficiency very seriously. An improvement of even a few percent in miles per gallon can dramatically reduce both CO2 emissions and its total fuel bill.

Barrachd has developed a real-time analytics solution that monitors drivers' performance and fuel efficiency. Using real-time data we provide insight that enables companies to reduce their carbon footprint, reward the most efficient and safest drivers, identify those that need additional training and save money.



The cost of fuel has always been one of the greatest expenses for fleets. Between record high fuel prices and green incentives, there is a tremendous amount of pressure on companies to control fuel consumption. In order to understand and control consumption accurate data is required to ensure optimal routes are being used and to give insight into more detailed aspects of driver behaviour such as miles travelled, fuel used, cruise control time, idle time, hard braking incidents and so on. Attempting to analyse driver's movements using spreadsheets is difficult, it can become unwieldy and impossible to manage. With so many drivers and vehicles it is difficult to collect accurate data and analyse it effectively.

With the Fuel Efficiency solution from Barrachd you can seize the opportunity to positively impact your fuel spend and consumption.



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The Benefits

- Enhances driver performance and boosts fuel efficiency, reducing carbon emissions and offsetting rising fuel costs.
- Presents data on a number of levels for different users in the business – from senior managers down to individual drivers and vehicles.
- Enables analysts to pinpoint problems and identify the root causes of inefficiencies in near real time.
- Provides live results for each driver, showing them how their performance rates against their peers and helping them improve.
- Provides an accurate picture of demand, so for example routes can be remodelled to cut mileage and reduce fuel usage even further.
- Small improvements, such as increasing fuel efficiency by one mile per gallon, scale up to make a huge difference across a fleet of vehicles.

We offer organisations the ability to immediately gain a deeper understanding of fuel efficiency across their business. In some cases, these new analytic capabilities enable companies to measure factors that previously could only be roughly estimated; and in others, this solution has provided completely new insights.

Barrachd provides innovative solutions to harvest insight from the data that continually flows through organisations. We help our clients to discover the unseen patterns in their data and then transform them into meaningful insight. We know better data means better decisions.

Barrachd delivers industry specific solutions in areas such as Absence Management, Procurement, CRM and Finance. We provide professional advice and services to assist the implementation and tailoring of our Business Analytics portfolio to ensure we meet the needs of each individual customer. Our innovative business intelligence and analytics capabilities help organisations discover new insights that enhance competitiveness, profitability and customer service.

Our cloud ready business analytics solutions deliver information to the people that need it at the right time to give them the ability to make better decisions faster. **Not just business analytics but innovative analytics.**

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We know that weather conditions and temperature contribute to fluctuations in fuel efficiency, implementing this solution from Barrachd will allow you to see how much difference they actually make. Companies are able to measure exactly how much impact adverse weather has, and using that information they can adjust their expectations for fuel efficiency especially in the winter.

Although there is nothing Barrachd can do to control the weather, the impact we can have on driver performance is a different story.

Many companies provide SAFED [Safe and Fuel-Efficient Driving] training, which shows them how to get the most out of their vehicles while using the least possible fuel. What the Fuel Efficiency offering from Barrachd allows you to do is measure exactly how well your drivers are applying those lessons. By monitoring miles travelled, fuel used, cruise control time, idle time, hard braking incidents and a host of other driver behaviours and you can compare them to the optimum levels for a given route. Weekly reports can then be distributed and feedback to individual drivers can help them improve.

Tangible Benefits

- Customers who have implemented this solution have seen fuel efficiency increase, on average by five percent, with a similar reduction in carbon emissions.
- Improved efficiency will make a significant contribution to any sustainability strategy, and of course will also help offset the rising cost of fuel.
- A more demand centric approach will help obtain a more accurate picture of demand so routes can be remodelled to cut mileage and reduce fuel usage further.

