



## Cloud enabled video telematics solution for real-time vehicle tracking

### Summary

A cloud enabled fleet monitoring system that safeguards the interests of the businesses operating a fleet by ensuring real-time monitoring of vehicles on and off duty.

### About the client

The client, an independent software vendor, provides SaaS-based solutions to organizations that want to keep track, monitor, and regulate their fleet. The camera-driven solutions use video telematics to enable real-time remote tracking and monitoring vehicles from a single screen. The organization provides an all-encompassing tracking and monitoring solution that includes software and hardware. The ISV offers a variety of camera options that can be fitted into the interior, exterior, side or rear and can be enabled in a single installation.

### Technology Stack



### Business challenge

Businesses invest a good amount of capital in the procurement and maintenance of their fleet. Managers are under a lot of stress maneuvering and staying up to date on the vehicles plying on the road. In many instances it is a double whammy for managers who not only have to worry about the safety of their vehicle but also ensure no damage or harm is caused to the goods or people in transit. The client needed a cloud enabled mobile and web solution that could enable 24/7 remote monitoring of the entire fleet which could help safeguard vehicles from any contingency.

### Trigent solution

Trigent's engagement with the client developed through an initial phase of advisory services that laid out an end to end plan for a cloud based fleet monitoring solution. The cloud based solution would ensure high quality video capture and render on the mobile or a computer screen and provide managers with real time view of the vehicles and the drivers.

Trigent's more than two decade experience in providing software solutions to the logistics industry enabled the development team to design a comprehensive solution that included:

- Development of a web and multi-platform mobile application
- Integrated Software as a Solution that provides flexibility to scale and round the clock availability
- A robust secure remote monitoring system

The solution sought to address some of the pressing challenges such as:

- Real time visual updates on the vehicle movement
- Help keep an eye on the driver to avoid unruly or unsolicited behavior
- Insight into breakdowns or accidents
- Serves as proof for insurance claims



We approached Trigent with an idea. Trigent's experienced engineers designed and developed a solution that preceded our expectations. The technologically superior solution has given us a clear edge over competition and is recognized as a benchmark.

### **Client benefits**

The client's foresightedness to provide a technologically advanced fleet monitoring solution for the vehicle or fleet management ensured:

- Customized solution catering to businesses with vehicular assets
- Better visibility into fleet operations
- Timely and optimal utilization of services
- Quick claim resolutions

## **About Trigent**

Trigent is an early pioneer in IT outsourcing and offshore software development business. We enable organizations to adopt digital processes and customer engagement models to achieve outstanding results and end-user experience. We help clients achieve this through enterprise-wide digital transformation, modernization, and optimization of their IT environment. Our decades of experience, deep domain knowledge, and technology expertise delivers transformational solutions to ISVs, enterprises, and SMBs.

We offer end to end consulting services, design, development and managed services across Infrastructure, Cloud, Mobility, BI, Analytics, Product Engineering, QA & Testing, IoT, Big Data, and Artificial Intelligence.