PRODUCT: INCIDENT RECONSTRUCTION

SPEEDY INCIDENT RECONSTRUCTION FOR FASTER REPORTING AND EFFICIENT CLAIMS

Understand the cause of incidents with usable video insight for accurate insurance reporting and decreased vehicle downtime.

Integrate our advanced computer vision software into your existing fleet solution to generate speedy, accurate and usable scene reconstructions for post-incident reporting. With our pioneering Behaviour AI, you can save time, money and resources, by preventing unnecessary downtime and making insurance claim reporting more efficient.

PRODUCT: INCIDENT RECONSTRUCTION

Crashes happen in the blink of an eye. We extract the facts of what happened - and why.

Decrease vehicle downtime, driver stress, and the administrative work that follows when an incident happens on the road.

Humanising Autonomy's superior computer vision software extracts accurate and reliable insight that helps reconstruct the scene of a road-related incident. Combining in-vehicle camera footage, GPS data, and our Behaviour AI models, we provide usable insights at speed and support insurance requirements on demand.

Integrate our modular technology into your telematics solution via our cloud platform or an SDK – at a fraction of the cost to develop this tool in-house.

REDUCE VEHICLE DOWNTIME

We preempt unplanned vehicle downtime by removing unnecessary delays after an incident and speeding up post-incident reporting. We extract critical information accurately and quickly, including facts on what happened, why and actions the driver could have done to avoid the incident.

EXONERATE DRIVERS

Access detailed incident reconstruction reports, including graphical representations of directional pathways of the vehicles involved, their speed, and severity of impact to help prove the root cause of a crash. We provide trustworthy video-based evidence, which helps provide evidence when a driver is not at fault.
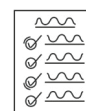
SETTLE INSURANCE CLAIMS FASTER

We create a win-win situation for fleet owners and insurance companies who want an effective and efficient way of settling insurance claims faster. That's why our video-based data points are designed based on evidence required by insurance companies and support first notification of loss (FNOL) reports.

TRANSPARENT, TRUSTWORTHY DATA

Because of how we carefully model our computer vision software, you can understand how and why our AI has come to a specific conclusion, which means the data and insight we extract are transparent and trustworthy - a key factor in reporting, submitting claims, and meeting regulatory requirements.

Understand the root cause of incidents quickly for faster reporting.

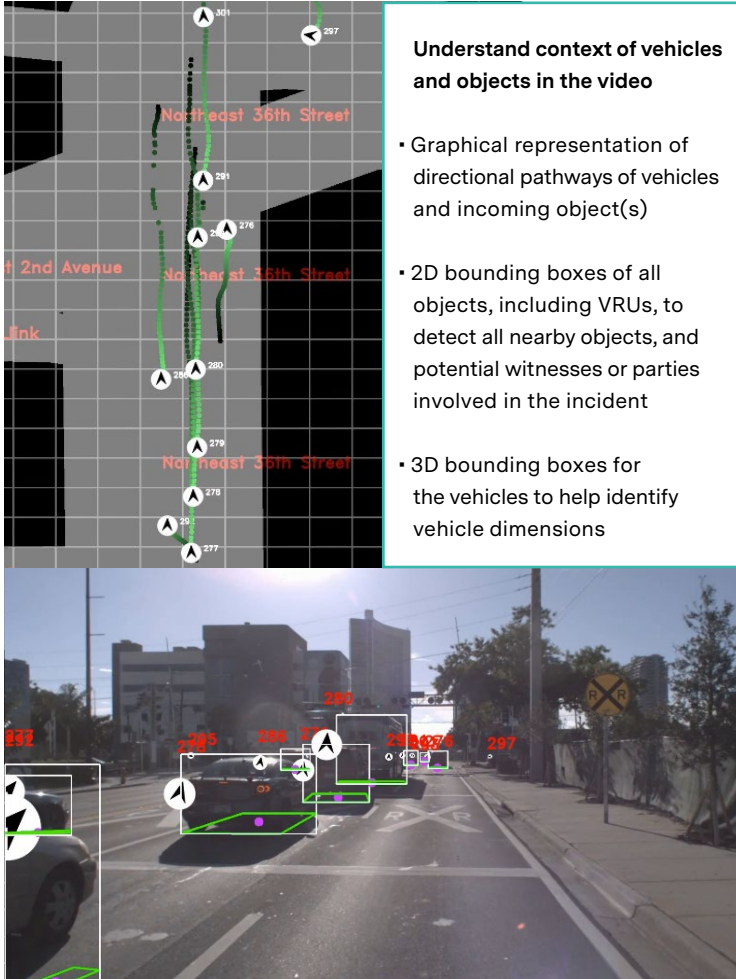Add our Behaviour AI model to your tech stack to enhance your video telematics offering

Incident Reconstruction Report example:

Time and Date
06:39am GMT+1
01 March 2023

Place
Intersection of Northwest 8th Street and Northwest 2nd Avenue, Downtown Miami, Florida, USA

Duration
24 seconds

Understand context of vehicles and objects in the video

· Graphical representation of directional pathways of vehicles and incoming object(s)

· 2D bounding boxes of all objects, including VRUs, to detect all nearby objects, and potential witnesses or parties involved in the incident

· 3D bounding boxes for the vehicles to help identify vehicle dimensions

HUMANISING AUTONOMY

Each Incident Reconstruction Report includes

Topline information

· Time and Date

· GPS Location and Address

· Duration

Graphical representation

· Directional path of the ego vehicle and any incoming object(s)

· Velocity estimations of both ego vehicle and incoming object(s)

· G-force values to measure the severity of impact before, during and after incident

· Distance and orientation of incoming object

· 2D bounding boxes of all objects in the video

· 3D bounding boxes for all vehicles in the video

SNAPSHOT CASE STUDIES

The fleet owner that needed to decrease vehicle downtime

With over 70,000 fleet assets in North America alone, Company P uses several layers of fleet management solutions to protect its productivity – and revenue. However, with a shortage of talent in the country, the company has had to onboard a new generation of truck drivers over the last few years. With newer truck drivers, there has been a noticeable bump in unforeseeable road incidents, which have resulted in increased vehicle downtime - with a further delay in processing post-incident reporting.

Company P reached out to Humanising Autonomy to understand more about its new scene reconstruction feature for incidents, as a way to prevent the delays and vehicle downtime following unplanned collisions, crashes, and other roadside incidents. By understanding the root cause of an incident, and having suggestion for the driver on actions they could have done to avoid the incident, Company P could implement better follow up actions such as driver training and support, to help retain precious talent longer.

Reduce loss of revenue   **Improve efficiency**   **Protect drivers**

The insurance company that wanted efficiency in claims

Company M is an insurance provider in the automotive sector, offering insurance, risk management and compliance solutions for commercial and heavy motor fleets. With high competition in their field, they aim to provide benefits not offered by other insurance providers, and are seeking ways to attract fleet owners to become customers.

After learning about Humanising Autonomy's incident reconstruction feature and reporting function, Company

M began pursuing discussions to give their customers access to this feature through their existing claims platform. They believe that by making the process of claim submission easier with usable video-based insight and transparent reporting, their customers will be able to shorten the claims process, whilst making it easier for Company M underwriters to understand root causes of incidents faster - and settle claims quicker.

Reporting efficiency   **Cost-savings**   **Video-based evidence**

Reconstruct Accurately and Efficiently

1 Are you already offering a fleet management solution for fleet owners?

2 Are you looking for a way to enhance the feature set in your offering and increase your competitive edge?

3 Are you using video data or footage or have access to them?

Who's this for?

- Solution providers offering fleet management products and services for fleet owners

- Consultancies working within fleet management and safety

- Insurance companies with an interest in risk reduction for fleet owners

Find out more about the customisable insight

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