



HUMANISING
AUTONOMY

PRODUCT: SAFETY FROM HAZARDS

SPOT THE DANGER FASTER, RELIABLY, AND MORE ACCURATELY

Imagine how powerful
your safety platform
could be if it could
understand what it sees.

We offer health and safety service providers an extra layer of superior safety enhancement powered by Behaviour AI, making it easier and faster for them to identify the riskiest incidents happening across hazardous sites.

With workplace injuries on the rise, companies are desperate for solutions that prevent work-related injuries - and the costly down-time, loss of resource or other issues that follow.

How robust is your safety solution?

PRODUCT: SAFETY FROM HAZARDS

Actionable and trustworthy insight customised to your needs - at scale.

Multiply the value your safety solution provides with powerful and ethical Behaviour AI

Humanising Autonomy's SafetyX for Reducing Liability helps spot patterns behind risky incidents happening in industrial settings. Our pioneering computer-vision software enables insight that is transparent, reliable, and trustworthy enough to meet requirements for compliance, incident reporting and insurance claims.

Our modular technology integrates into new and existing systems, so that you don't have to spend millions in developing these valuable features in-house or bespoke.



WORKER SAFETY

Quickly builds a picture of what's happening within a space accurately and reliably

Insight into how and where people are moving, where accidents are taking place, and where the riskiest incidents are happening.



DE-RISKED HAZARDOUS SITES

Analyse the number of incidents where collisions between objects – including people, vehicles, and other machinery – nearly happened.

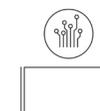
Better inform decisions around Health & Safety priorities and necessary changes.



REDUCE LIABILITY

Access trustworthy and transparent insight behind recorded incidents.

Aids in rigorous and strict requirements for compliance, insurance claims, and liability cases.



FEWER FALSE POSITIVES

Our model can understand context, such as the difference between a human-vehicle near miss vs. a person just in proximity to a vehicle, so that the customer gets fewer false positives.

BEHIND THE TECHNOLOGY

Know when, where
and why accidents
happen to accelerate
necessary changes.



Full stack features

- Near Miss Detection
- Slips, Trips and Falls Detection
- Movement Pattern Analysis
- Dwell Time
- Density and Counting Analysis
- Zone of Interest
- Velocity and Distance Analysis (of and between people and objects)
- PPE Check
- Directional orientation of people

Convenient access

- Customisable SDK
- Historical video analysis / Batch ingestion
- Live stream ingestion

SNAPSHOT CASE STUDIES

The factory that needed safe navigation for its AGVs

Facing an unprecedented increase in production orders, Company A knew that automation of the manufacturing process would help alleviate stress on the supply chain, increase production rates and improve efficiency in delivery. That's why they decided to introduce a new line of automated guided vehicles (AGVs) to support warehouse workers. However, how could they ensure that this new factory of the future was as safe and efficient as possible for their workers and for the company itself?

Company A decided to use Humanising Autonomy's pioneering Behaviour AI technology to enable safe and efficient navigation for the AGVs within the factory. The insight from our Movement Pattern Analysis layered with our Near Miss detection provided a powerful understanding of how and where people are moving and where risky incidents are happening, meaning making better-informed decisions on safety planning for warehousing and similar industrial spaces.



Near Miss
Detection



Worker
Safety



Optimisation
Planning

The construction company with one too many unreported accidents

When Company B realised that there were many more accidents that were happening than were being reported, they looked for a partner who could help bridge the gap. Was there a technology that could help already exhausted workers create detailed reports every time an incident occurred – with acceptable, trustworthy and detailed accounts of what happened?

Company B turned to Humanising Autonomy to explore how they could speedily, effectively, and efficiently use footage from CCTV and infrastructure cameras to help fill in the gaps of what happened. Our Behaviour AI platform can process high volumes of videos quickly for analysis and prioritise flagged incidents where really something happened for accurate analysis. Due to the white box design of our model, the insight extracted is transparent and interpretable – so it can be used for incident reporting and claims.



CCTV and
infrastructure
cameras



Accurate
analysis



White box
design

Keep people safer.

1 Are you already offering a product, service or platform catering to the construction, manufacturing, warehouse, and other related industries?

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?

- Service providers offering safety-, risk-, and compliance-related products for hazardous and industrial environments
- Consultancies working within the Health & Safety space
- Insurance companies with an interest in risk reduction in hazardous environments
- Multi-national companies with multiple warehouses, construction and/or manufacturing sites facing potential safety hazards

Find out more about the customisable insight

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CUSTOMERS AND PARTNERS INCLUDE:

