Solutions

HIGHWAYS

Business Insight[3]

EXPERTS IN HUMAN, VEHICLE AND OBJECT DETECTION

HIGHWAYS SOLUTIONS

Business Insight 3, as Experts in Human, Vehicle and Object Detection, uses a versatile range of hardware and software technology to develop bespoke solutions for the highways, traffic and transport industry. We work on the fundamental belief of delivering innovative solutions that solve difficult problems faced by these industry's. Below are just some of the solutions available from Bi3.

HIGHWAY INCIDENT MONITORING

Using the latest technology, Bi3 can identify a range of potentially dangerous incidents on highways, this can include but is not limited to Stopped Vehicles, vehicle crashes or collision incidents, wrong direction of vehicles and other exceptions. We also have a range of human safety detections to further support highway safety and incident alerting.

VEHICLE DATA COLLECTION

Vehicle data collection can gather information on various metrics such as vehicle counting and categorisation, vehicle dwell time, vehicle congestion, and more. We utilise video analysis to create bespoke solutions that gather the desired information for data-driven decision making. This information can also be integrated with third-party platforms to simplify the customer experience of their highways solutions.
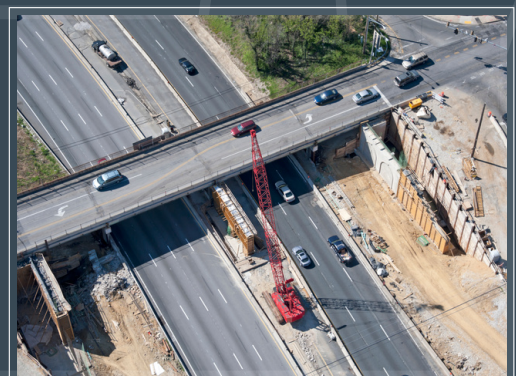

PEDESTRIAN SAFETY ON HIGHWAYS

Using innovative technology, we are able to identify humans in dangerous areas on a highway, this can include by the side of the road, on the hard shoulder or near bridges, and pedestrian crossings, helping to prevent injury and dangerous incident. As well as detect potential suicide incidents. Immediate alerts can be sent to a range of users operatives such as on site teams, traffic management teams and remote monitoring stations, for action to be taken.

HIGHWAYS CONSTRUCTION SUPPORT

Supporting highways construction, we can delver a range of benefits from health & safety monitoring to the security of compounds, equipment and materials. We can work with you to develop innovative technology's that directly address problems faced during the construction or maintenance of highways. Temporary solutions can be provided to meet the program duration needs.

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ENVIRONMENTAL MONITORING

We have developed unique solutions such as fly-tipping and littering detection to deter monitor and prosecute offenders. This most commonly occurs on the entry/exits of highways, service stations and rural rural locations. This solution facilitates alerts and a fining process to act as a future deterrent and improve the cleanliness and environmental damage near highways. This also helps reduce the need and cost of any clean up and therefore the associated manpower.

VANDALISM AND DAMAGE ON HIGHWAYS

Vandalism and damage on highways is a common occurrence such as graffiti and damage to road signs and infrastructure causing hazardous, negative impacts clean-up cost. We are able to provide solutions allowing for preventative measures to be taken.

INSIGHT MANAGEMENT REPORTS (IMR)

Bi3 have created Insight Management reports (IMR), a web based reporting platform that can be adapted to collate and display virtually any data. This means that a business can make critical decisions based on accurate and relevant data.
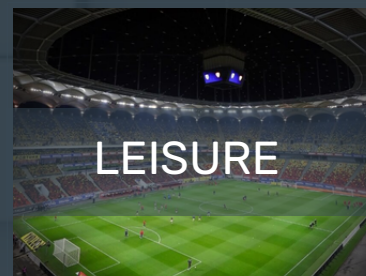
ANPR

Automatic Number Plate Recognition (ANPR) enables the detection and data log of vehicle number plates at a given access/egress point. Once this identification data is extracted, it can be utilised for a whole host of benefits. This may be as simple as providing automated access via a gate or barrier, to managing car park duration and payment systems, through to DVLA database links, and the issuing of penalty charge notices for various violations.

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Business Insight³

INNOVATION INFORMATION INTELLIGENCE

SPECIALIST MARKET FIELDS

CONSTRUCTION

UTILITIES

PRISONS & MOD

HIGH NET WORTH

RETAIL

PUBLIC SECTOR

LEISURE

COMMERCIAL

TRANSPORT

"Experts in Human, Vehicle and Object Detection"