Technology to get everyone home safe

Every year, around 1.35 million people die, and between 20 and 50 million people are injured, due to some form of transport accident caused by human error, negligence, risky behaviour, unpredictable event or unsafe conditions.

With the world's most advanced human data-driven technology, Seeing Machines is dramatically reducing transport related accidents every day, by mitigating some of the key risks involved, to make the world a safer place.

Underpinned by 20+ years of scientific research into human behaviour in real-time based on real-world scenarios, Seeing Machines has developed the world's most advanced AI Driver Monitoring System (DMS) technology, derived from billions of kilometres of naturalistic driving data.

This technology is the bedrock that enables new forms of intelligent machines to see, understand, assist and ultimately protect the people who are using them.

WHY OUR TECHNOLOGY IS WORLD LEADING

— Unrivalled human behavioural research and data
— Next generation monitoring optics
— Sophisticated AI that *knows* and senses operator performance
— Advanced embedding capabilities
— Tailored, scalable and fast-to-market solutions

Seeing Machines has partnered with global leaders across Automotive, Commercial Transport and Aviation to deliver the world's best safety and performance solutions for drivers and operators.

AUTOMOTIVE

Powered by world-leading and sophisticated algorithms, the automotive grade Seeing Machines FOVIO DMS technology sees, understands, predicts, assists and protects drivers, even in the most complex of situations, and is underpinned by a three-pillar strategy that specifically targets the rapidly expanding camera-based interior monitoring market.

The Seeing Machines FOVIO Chip technology platform is the world's highest performing, lowest cost, fast-to-market solution for DMS vehicle mass market penetration, already enabling advanced safety and convenience features in thousands of cars globally. The FOVIO Chip is powered by Occula®, the company's application specific Neural Processing Unit which is designed to accelerate detection and tracking of humans.

Occula is also available for license, in ASIC form, to world-leading semiconductor companies for integration with any automotive compute platform.

Seeing Machines DMS is also available as a stand-alone software integration solution that can be rapidly deployed and seamlessly integrated across any vehicle make and model on any compute platform. As a result, it's the number one choice for Tier 1 suppliers and OEMs that are rapidly adapting to mandatory DMS requirements for driver and semi-automated safety standards.

COMMERCIAL TRANSPORT

Built on billions of kilometres of naturalistic data that observes human behaviour in real-time, Guardian technology has been scientifically proven to reduce fatigue and distraction events by more than 90%.

With fatigue and distraction being the two biggest safety risks to employees and businesses in this sector, our Guardian solution currently protects over 800 commercial transport and logistics organisations and their drivers globally, adopted by key brands such as *Coach USA, Toll Group and Transport for London*.

AVIATION

Seeing Machines has applied our world-leading technology to develop systems designed to help the aviation industry maintain its exceptional safety standards now and into the future through supporting the safety behaviours and performance of pilots, operators and controllers.

Our sophisticated technology provides organisations with intelligent, evidence-based data to support accelerated and enhanced pilot selection, training, and assessment, help carriers and operators understand their pilots' alertness and fatigue state in real-time during live flight and identify and mitigate systemic operational fatigue risk.

seeingmachines

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